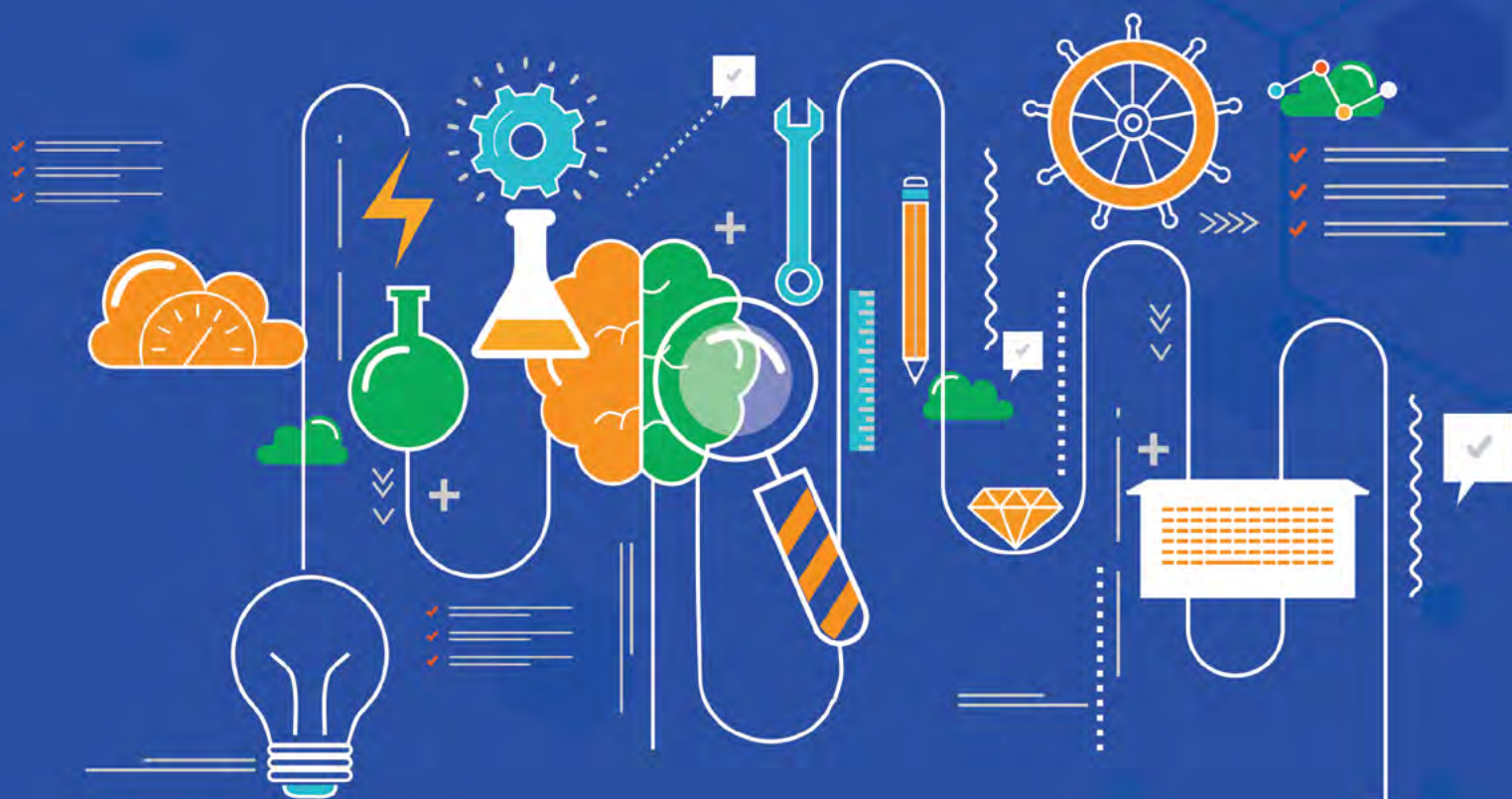


EVALUATION OF INNOVATION EXCELLENCE INDICATORS



Report on Public Funded R&D Organisations (Round 2)

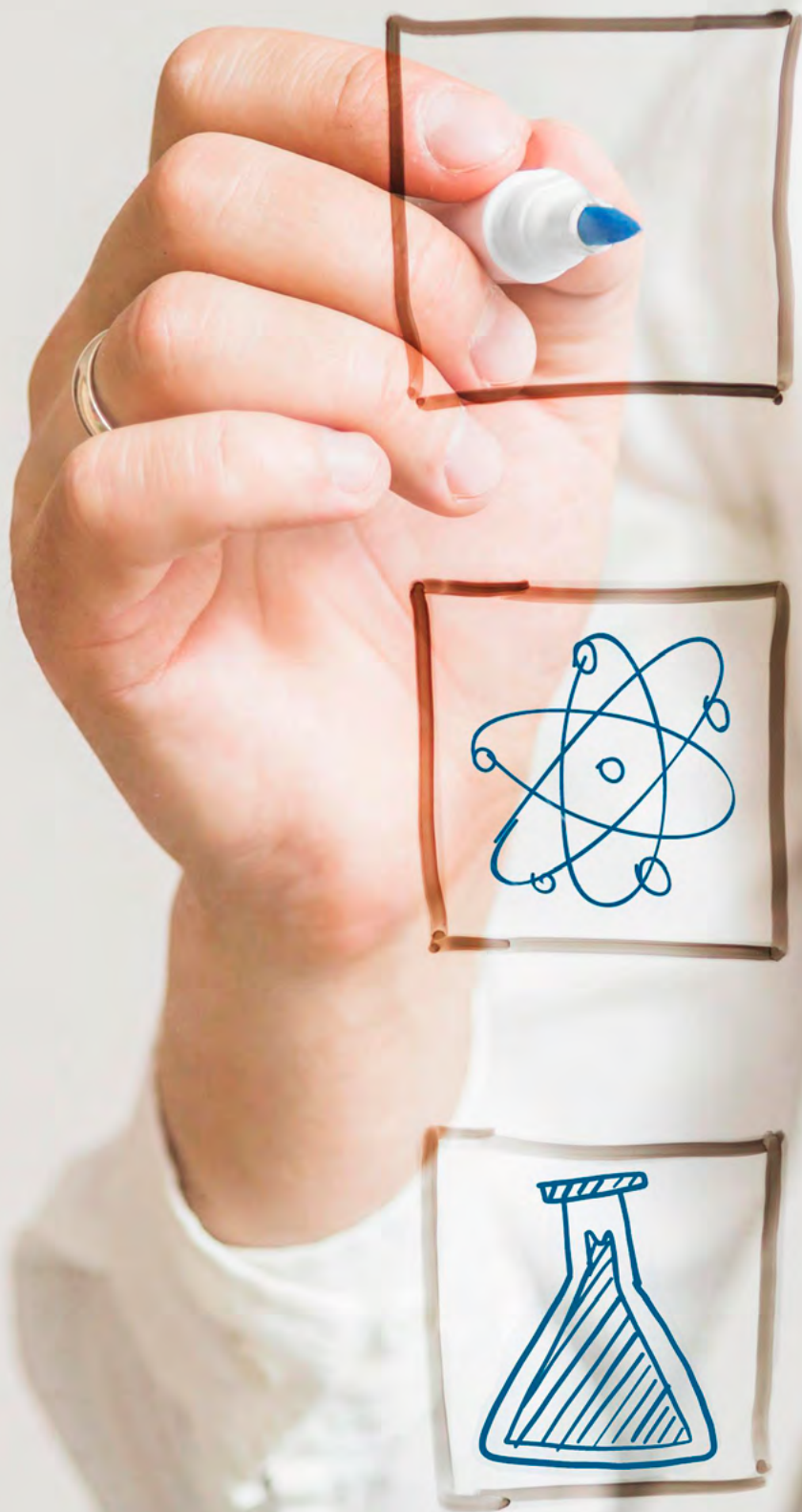
Volume II

2025

Table of Contents

Section 4: Performance of Public Funded R&D Organizations	07
Council of Scientific and Industrial Research	08
Department of Biotechnology	47
Department of Science and Technology	63
Indian Council of Agricultural Research.....	83
Indian Council of Medical Research	153
Ministry of Electronic and Information Technology	181
Ministry of Earth Sciences	189
Central Ministries/Departments other than Major Scientific Agencies	199
Section 5: Appendices	267
Appendix A.1 Composition of the Expert Committee.....	268
Appendix A.2 Details of the Framework	269
Appendix A.3 Questionnaires	276
Appendix A.4 Templates for Supporting Documents	379
Appendix A.5 List of Participating Labs	389
Appendix A.6 Notes on Methodology	400





Preface

The sample in this study has covered 244 institutions from key scientific ministries such as the Indian Council of Agricultural Research (ICAR), Council of Scientific and Industrial

Research (CSIR), Indian Council of Medical Research (ICMR), Department of Biotechnology (DBT) and Department of Science and Technology (DST). The central ministries/departments other than major scientific agencies represented in this study are Department for Promotion of Industry and Internal Trade, Department of Pharmaceuticals, Ministry of Agriculture, Ministry of Ayush, Ministry of Chemicals and Fertilizers, Ministry of Food Processing Industries, Ministry of Heavy Industries, Ministry of Housing and Urban Affairs, Ministry of Micro, Small & Medium Enterprises, Ministry of Mines, Ministry of Power, Ministry of Road Transport, Ministry of Rural Development and the Ministry of Textiles.

This volume presents the individual lab sheets of the 244 labs. At the time of analysis, data from 10 organizations could not be used as the labs had reported either the budget or scientific staff to be zero. At a later stage when data is received from these labs it can be included in the total analytics of the study. The individual lab sheets of the 234 labs with their raw data that has been scaled by either the budget of the lab or the scientific staff at the lab are reported in this volume. Individual data for the 10 labs is also presented without scaling. A footnote is appended for these labs. The individual sheets are arranged alphabetically and grouped ministry wise.

This volume also contains the Appendices. In Appendix A.1, the Composition of the Expert Committee is reported. Appendix A.2 outlines the details of the framework. In Appendix A.3, the survey instruments for ● Basic, ● Applied and ● Services R&D labs are presented, while the Templates for Supporting Documents used in the data verification and validation exercise have been captured in Appendix A.4. In Appendix A.5, the List of Participating Labs has been provided while Appendix A.6 provides details of the Methodology for deriving sub-pillar and pillar scores.

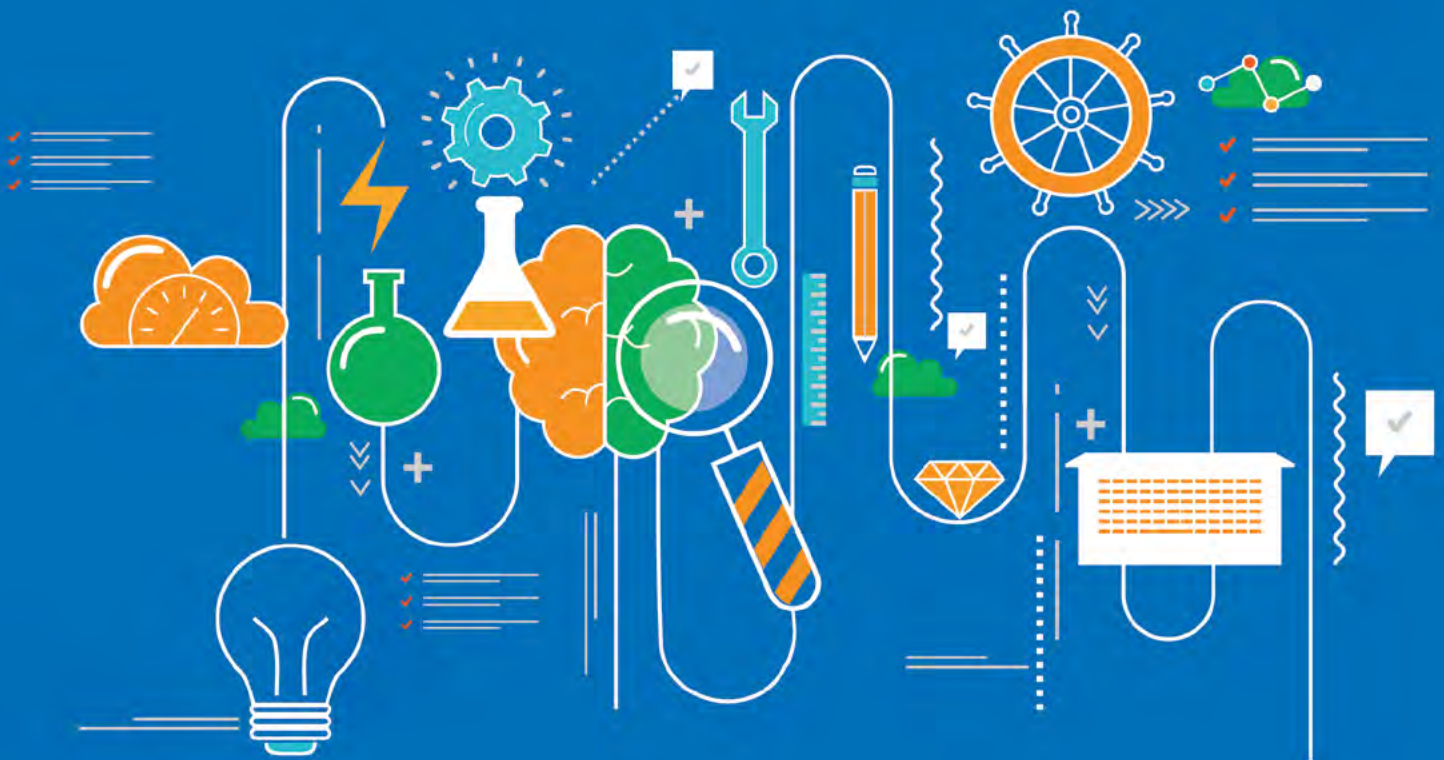


■ Energy ■ Industrial ■ Oil ■ Aggregate



SECTION 4

Performance of Public Funded R&D institutions





Council of Scientific and
Industrial Research
Government of India

CSIR-North East Institute of Science and Technology

Ministry/Department/Organisation: Location		Council for Scientific and Industrial Research							
Year of establishment		Assam 1961				Total staff at the Lab		2021-22 557	2022-23 532
Type of R&D performed		Basic R&D				Staff engaged in R&D Total Budget of the institution (Rs. Crores)		401 86.83	380 94.1
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.7	0.5			Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	59.9	59.7			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0		
Beneficiaries of organisation's programmes			Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	3.7	5.3		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	4.2	4.5			Number of national collaborative projects with industry (per 100 scientific staff)	0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	282.3	84.2			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	1.1		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.2			Number of national academic collaborations measured by publications (per 100 scientific staff)	1.2	1.1		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.2			Percentage of permanent scientists and contractual researchers to overall staff	72	71.8		
Increase in number of staff engaged in R&D (per 100 scientific staff)	16.2	-2.9			Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	57.5	42.3		
Increase in women staff enagegd in R&D (per 100 scientific staff)	7.2	-2.9			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.2	0.3			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes		
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes		
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes		
Training (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Consultancy services (per Rs. 10 crore spent)	0.1	2.8			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes		
Mentorship (per Rs. 10 crore spent)	0	2.3			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	6.5	5.3			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of interns trained at lab in cuttingedge areas (per 100 scientific staff)	6.5	27.6			Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of national awards and fellowships (per 100 scientific staff)	0.2	0.3			Does your organisation have national accreditation/ certification for its lab procedure?	No	No		
Number of international awards and fellowships (per 100 scientific staff)	0	0.3			Does your organisation have international accreditation/ certification for its lab procedure?	No	No		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	43	61			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	518	483			Are your organisation's R&D facilities available on the I-STEM national portal?	No	No		
Percentage of publications in top 10% of journals	18	22			Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No		
Number of IPRs filed (per Rs. 10 crore spent)	0.3	0.1			Is your organisation's website differently-abled friendly?	No	No		
Number of IPRs granted (per Rs. 10 crore spent)	0.2	0.1			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.2	0.1			Percentage of young scientists in scientific staff	88.5	86.5		
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.3			Percentage of women scientists in scientific staff	41.9	41.5		
Number of non-worked patents (per Rs. 10 crore spent)	3.5	3.3			Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			Percentage of the total budget spent on training and skill up-gradation	5	5		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.3	0.4			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.1	0.9			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0			Parent ministry and department	0	0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Capacity Building Commision (CBC)	0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.1	0.9			International bodies	0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0			Others	0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.2	52.9		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	25.3		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Institute of Microbial Technology

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Chandigarh

Year of establishment

1984

2021-22

2022-23

Total staff at the Lab

225

229

Staff engaged in R&D

134

141

Total Budget of the institution (Rs. Crores)

54.14

64.98

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

7.5

5

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

25.4

16.3

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.7

0

Beneficiaries of organisation's programmes

Individuals, Industry, Government Departments

Individuals, Industry, Government Departments

Number of international academic collaborations measured by publications (per 100 scientific staff)

16.4

14.9

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0.7

6.4

Number of national collaborative projects with industry (per 100 scientific staff)

0.7

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

343.7

253

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

4.5

3.5

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

4.5

3.5

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.2

Percentage of permanent scientists and contractual researchers to overall staff

59.6

61.6

Increase in number of staff engaged in R&D (per 100 scientific staff)

27.6

9.9

Percentage of overall budget spent on R&D and S&T

32.9

37.6

Increase in women staff engaged in R&D (per 100 scientific staff)

13.4

9.9

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Research support (per Rs. 10 crore spent)

0.4

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

20.1

17

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

23.1

47.5

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

1.5

2.1

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

90

67

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1051

1196

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

11.2

2.1

Percentage of publications in top 10% of journals

17

5

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

23.9

29.8

Number of IPRs filed (per Rs. 10 crore spent)

1.8

2.2

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

1.7

2.5

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

1.7

2.2

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.9

1.5

Percentage of young scientists in scientific staff

40

43.2

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

32.8

41.1

Number of new products/services introduced (per Rs. 10 crore spent)

0

0.2

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.3

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.9

1

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.3

0.1

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.1

0.1

International bodies

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

3.7

2.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.2

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Centre for Cellular and Molecular Biology

Ministry/Department/Organisation:		Telangana		Council for Scientific and Industrial Research		2021-22	2022-23
Location		1977		Total staff at the Lab		412	416
Year of establishment				Staff engaged in R&D		206	223
Type of R&D performed		Basic R&D		Total Budget of the institution (Rs. Crores)		149.25	162.07
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.9	2.2		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	61.2	49.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	2.2	
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	12.6	15.7	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1	0.9		Number of national collaborative projects with industry (per 100 scientific staff)	1.5	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	27.5	22.3		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	18.9	15.7	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	18.9	15.7	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.1		Percentage of permanent scientists and contractual researchers to overall staff	21.8	25	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-6.3	2.7		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	28.6	33.9	
Increase in women staff engaged in R&D (per 100 scientific staff)	-2.9	2.7		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.9	1.5		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Has your organisation set up a Section 8 company to support startups?	Yes	Yes		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Training (per Rs. 10 crore spent)	0.5	1		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0.5	1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	2.4	2.5		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1.8	0.9		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	13.1	9.4		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	1.9	0.4		Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	75	77		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	27.7	15.7	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	51	83.4	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	810	747		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Percentage of publications in top 10% of journals	27	24		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	1.1	0.1		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0.4	0.4		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.4	0.2		Percentage of young scientists in scientific staff	74.3	74.4	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.1		Percentage of women scientists in scientific staff	49.5	48	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.2		Parent ministry and department	2	1	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.6	1.6		International bodies	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.5	0.1		Others	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	1.8		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.5	1.8	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1	2.7	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile 2nd Quartile 3rd Quartile 4th Quartile	Data submitted by the lab could not be validated			

CSIR-National Institute of Oceanography

Ministry/Department/Organisation: Location Year of establishment			Council for Scientific and Industrial Research			2021-22	2022-23
Goa			1966		Total staff at the Lab	482	503
Type of R&D performed			Basic R&D		Staff engaged in R&D	328	364
Indicator			2021-22	2022-23	Total Budget of the institution (Rs. Crores)	159.02	147.97
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			1.2	0.8	Indicator	2021-22	2022-23
Number of projects executed (per 100 scientific staff)			7.6	7.4	Number of international collaborative projects with industry (per 100 scientific staff)	0.3	0
Beneficiaries of organisation's programmes			Industry, Government Departments	Industry, Government Departments	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.3	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			3	6	Number of international academic collaborations measured by publications (per 100 scientific staff)	17.7	17.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)			17.2	32.1	Number of national collaborative projects with industry (per 100 scientific staff)	0.3	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0	0.5	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.9	0.3
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	0.9	0.3
Increase in number of staff engaged in R&D (per 100 scientific staff)			9.5	6.6	Percentage of permanent scientists and contractual researchers to overall staff	54	60
Increase in women staff engaged in R&D (per 100 scientific staff)			3	6.6	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	68	60
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?			No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)			0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			7.6	4.9	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			33.2	52.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)			0.3	1.9	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)			0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)			79	64	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0.3	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			2890	2354	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	2.7	0.3
Percentage of publications in top 10% of journals			6	5	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)			0.1	0.1	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)			0.1	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			0.1	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)			0	0	Percentage of young scientists in scientific staff	66	70
Number of non-worked patents (per Rs. 10 crore spent)			0.3	0.3	Percentage of women scientists in scientific staff	31.4	34.8
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			0	0	Percentage of the total budget spent on training and skill up-gradation	0.2	0.2
Number of new products/services introduced (per Rs. 10 crore spent)			0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.8	0.8	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.8	1.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.1	0	Parent ministry and department	2	9
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			0.8	0.8	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0.8	1.2	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0	0	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.3	1.6
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Central Electronics Engineering Research Institute

Ministry/Department/Organisation: Location Year of establishment		Council for Scientific and Industrial Research Rajasthan 1953		Total staff at the Lab	2021-22 322	2022-23 306
Type of R&D performed		Applied R&D		Staff engaged in R&D	141	140
Indicator		2021-22	2022-23	Total Budget of the institution (Rs. Crores)	55.69	117.2
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		1.4	2.9	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)		34.8	42.9	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.8	2.1
Beneficiaries of organisation's programmes		Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	5.7	15
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		7.1	15.7	Number of national collaborative projects with industry (per 100 scientific staff)	2.1	2.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		53.9	348.9	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6.4	7.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.4	0.2	Number of national academic collaborations measured by publications (per 100 scientific staff)	6.4	7.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Percentage of permanent scientists and contractual researchers to overall staff	43.8	45.8
Increase in number of staff engaged in R&D (per 100 scientific staff)		-11.3	0.7	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	64	68.4
Increase in women staff engaged in R&D (per 100 scientific staff)		1.4	0.7	Does your organisation have procedures in place for sustainable sourcing of materials?	0.1	0.3
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?		No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)		0.2	0.2	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)		0	0.2	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)		0.7	0.8	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		7.1	8.6	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		144	130.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)		0.7	1.4	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)		74	57	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	8.5	13.6
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	11.3	12.9
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		614.2	383.6	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals		9.6	15	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)		0.2	0.9	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)		0.5	0.1	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	Percentage of young scientists in scientific staff	42.5	44.4
Number of IPRs licensed out (per Rs. 10 crore spent)		0.2	0	Percentage of women scientists in scientific staff	29.7	35.2
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Percentage of the total budget spent on training and skill up-gradation	0	1
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0.4	0.2	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)		0.7	0.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.8	0.4	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.2	0	Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.9	0.4	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.4	70.7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.1	17.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Central Mechanical Engineering Research Institute

Ministry/Department/Organisation: Location Year of establishment	Council for Scientific and Industrial Research West Bengal 1958		Total staff at the Lab	2021-22 507	2022-23 506
Type of R&D performed	Applied R&D		Staff engaged in R&D Total Budget of the institution (Rs. Crores)	201 68.28	180 75.35
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3.5	5	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	57.7 Industry, Government Departments	98.3 Industry, Government Departments	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1	1.1
Beneficiaries of organisation's programmes Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1	1.1	Number of international academic collaborations measured by publications (per 100 scientific staff)	9	11.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	148.8	143.7	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.6	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	1.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	1.1
Increase in number of staff engaged in R&D (per 100 scientific staff)	5.5	-5	Percentage of permanent scientists and contractual researchers to overall staff	56.1	53.8
Increase in women staff engaged in R&D (per 100 scientific staff)	2	-5	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	11.7	18.1
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.1	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0.1	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3	12.2	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	71.1	34.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0.6	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	47	63	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	29.4	33.9
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	845.3	486.7	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	9.5	15
Percentage of publications in top 10% of journals	21.3	22.8	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	8.9	9	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	7.5	3.8	Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.6	0.8	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	38	36.3
Number of non-worked patents (per Rs. 10 crore spent)	0.4	0.9	Percentage of women scientists in scientific staff	9.1	6.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.7	1.5	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0.6	1.1	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	100
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.5	2.2	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0.1	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Central Road Research Institute

Ministry/Department/Organisation:
Location
Year of establishment

Delhi
1952
Council for Scientific and Industrial Research

Total staff at the Lab

2021-22
271

2022-23
254

Type of R&D performed

Applied R&D

Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

85
56.22

77
55.35

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

4.7

9.1

Number of international collaborative projects with industry (per 100 scientific staff)

1.2

0

Number of projects executed (per 100 scientific staff)

315.3

423.4

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

17.6

39

Number of international academic collaborations measured by publications (per 100 scientific staff)

5.9

10.4

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

117.4

117.8

Number of national collaborative projects with industry (per 100 scientific staff)

67.1

74

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.5

1.1

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

15.3

14.3

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.2

Number of national academic collaborations measured by publications (per 100 scientific staff)

15.3

14.3

Increase in number of staff engaged in R&D (per 100 scientific staff)

-27.1

-1.3

Percentage of permanent scientists and contractual researchers to overall staff

31.4

30.3

Increase in women staff engaged in R&D (per 100 scientific staff)

-5.9

-1.3

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

100

100

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

3.5

2.6

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

47.1

97.4

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

20

32

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

91.8

118.2

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

140

126

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

14.1

19.5

Percentage of publications in top 10% of journals

10

11

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

2.4

3.9

Number of IPRs filed (per Rs. 10 crore spent)

0.5

1.4

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0.5

0.9

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.4

0.4

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0.5

0.2

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0.4

0.2

Percentage of young scientists in scientific staff

17.8

17.8

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

3.2

4.2

Percentage of women scientists in scientific staff

8.2

8.2

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.5

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0.7

1.3

Percentage of the total budget spent on training and skill up-gradation

0.2

0.2

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

2.3

3.9

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

1.4

1.4

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

74.1

72.7

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

2.3

3.9

Parent ministry and department

74.1

72.7

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.2

0.4

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Others

74.1

72.7

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

25.9

27.3

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

16.5

16.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Structural Engineering Research Centre

Ministry/Department/Organisation:
Location
Year of establishment

Council for Scientific and Industrial Research
Tamil Nadu
1965

Total staff at the Lab

2021-22
223

2022-23
239

Type of R&D performed

Applied R&D

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

121

145

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.8

0

Number of international collaborative projects with industry (per 100 scientific staff)

0.8

0.7

Number of projects executed (per 100 scientific staff)

72.7

111

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

3.3

7.6

Number of international academic collaborations measured by publications (per 100 scientific staff)

7.4

4.8

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

88.3

60.4

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0.8

2.8

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)
Increase in number of staff engaged in R&D (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

0

0

Increase in women staff engaged in R&D (per 100 scientific staff)

15.7

4.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

54.3

60.7

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

6.6

4.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

10.8

16.5

Has your organisation set up a Section 8 company to support startups?

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Number of startups supported through:

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

0

0

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

3.3

1.4

Does your organisation have necessary ethics guidelines and policies in place?

33.9

36.6

Number of national awards and fellowships (per 100 scientific staff)

0

1.4

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

46

32

Does your organisation have national accreditation/certification for its lab procedure?

46

32

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/certification for its lab procedure?

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

464.5

402.1

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

464.5

402.1

Percentage of publications in top 10% of journals

14.3

10.9

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

14.3

10.9

Number of IPRs filed (per Rs. 10 crore spent)

0.6

0

Are your organisation's R&D facilities available on the I-STEM national portal?

0.6

0

Number of IPRs granted (per Rs. 10 crore spent)

0.3

0.1

Does your organisation's website follow all security protocols as mandated by the Government of India?

0.3

0.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.3

0.1

Is your organisation's website differently-abled friendly?

0.3

0.1

Number of IPRs licensed out (per Rs. 10 crore spent)

0.1

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

0.1

0

Number of non-worked patents (per Rs. 10 crore spent)

0.3

0.1

Percentage of young scientists in scientific staff

0.3

0.1

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.1

0.8

Percentage of women scientists in scientific staff

0.1

0.8

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.3

0

Are the facilities at your organisation differently-abled friendly?

0.3

0

Number of new products/services introduced (per Rs. 10 crore spent)

0.4

0.4

Percentage of the total budget spent on training and skill up-gradation

0.4

0.4

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

1

1.6

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

1

1.6

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.5

0.6

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

0.5

0.6

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

26.4

26.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

26.4

26.9

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

18.2

17.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

18.2

17.9

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

26.4

26.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

26.4

CSIR-Central Building Research Institute

Ministry/Department/Organisation:		Council for Scientific and Industrial Research					
Location		Uttarakhand					
Year of establishment		1947					
Type of R&D performed		Applied R&D					
Indicator		2021-22	2022-23		Total staff at the Lab		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		2.7	1.9		291		2022-23 324
Number of projects executed (per 100 scientific staff)		85.2	111.2		Staff engaged in R&D		215
Beneficiaries of organisation's programmes					Total Budget of the institution (Rs. Crores)		40.98
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	2.8		Indicator		2021-22
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		248.1	125.4		2022-23		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		Number of international collaborative projects with industry (per 100 scientific staff)		0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		0
Increase in number of staff engaged in R&D (per 100 scientific staff)		48.6	6		Number of international academic collaborations measured by publications (per 100 scientific staff)		9.8
Increase in women staff engaged in R&D (per 100 scientific staff)		12	6		Number of national collaborative projects with industry (per 100 scientific staff)		0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		2.7
Has your organisation set up a Section 8 company to support startups?		No	No		Number of national academic collaborations measured by publications (per 100 scientific staff)		2.7
Number of startups supported through:					Percentage of permanent scientists and contractual researchers to overall staff		62.9
Training (per Rs. 10 crore spent)		0	0		Percentage of overall budget spent on R&D and S&T		85
Consultancy services (per Rs. 10 crore spent)		0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)		0
Research support (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place for sustainable sourcing of materials?		Yes
Mentorship (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste		Yes
Other forms of support (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0.5	0.5		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		90.7	74.9		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes
Number of national awards and fellowships (per 100 scientific staff)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		43	48		Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		1.1	2.8		Does your organisation have necessary ethics guidelines and policies in place?		Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		500	307.4		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes
Percentage of publications in top 10% of journals		13	3		Does your organisation have a public grievance redressal cell?		Yes
Number of IPRs filed (per Rs. 10 crore spent)		0.5	0.5		Does your organisation have national accreditation/ certification for its lab procedure?		No
Number of IPRs granted (per Rs. 10 crore spent)		0.3	0.5		Does your organisation have international accreditation/ certification for its lab procedure?		No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		7.7
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)		4.4
Number of non-worked patents (per Rs. 10 crore spent)		0	0		Are your organisation's R&D facilities available on the I-STEM national portal?		Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		7.9	8.3		Does your organisation's website follow all security protocols as mandated by the Government of India?		No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0.5	1.5		Is your organisation's website differently-abled friendly?		Yes
Number of new products/services introduced (per Rs. 10 crore spent)		1	1.2		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		6.6	7.8		Percentage of young scientists in scientific staff		83.1
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		1.3	1.9		Percentage of women scientists in scientific staff		20.2
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		Are the facilities at your organisation differently-abled friendly?		Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		6	7.2		Percentage of the total budget spent on training and skill up-gradation		1.1
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		1.3	1.7		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					Parent ministry and department		6
					Capacity Building Commission (CBC)		0
					International bodies		1.6
					Others		8.7
					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		1.6
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		0.5
					Data submitted by the lab could not be validated		

CSIR-Indian Institute of Chemical Technology

Ministry/Department/Organisation:

Location

Year of establishment

Council for Scientific and Industrial Research

Telangana

1944

Total staff at the Lab

2021-22

2022-23

467

450

Type of R&D performed

Applied R&D

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

156

154

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

216

201.9

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

4.5

5.8

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

76.3

70.1

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

25.4

25.5

Number of national collaborative projects with industry (per 100 scientific staff)

0.6

0.6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.4

0.7

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.3

1.9

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.2

Percentage of permanent scientists and contractual researchers to overall staff

33.4

34.2

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

0.6

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

65.9

68.8

Increase in women staff engaged in R&D (per 100 scientific staff)

1.9

0.6

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0.4

0.4

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

30.1

54.5

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

56.4

176.6

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

9

5.8

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

302

262

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

3905.1

1839

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

1019.2

1066.2

Percentage of publications in top 10% of journals

13.2

11.4

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

98.1

113.6

Number of IPRs filed (per Rs. 10 crore spent)

1.7

2

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

1.6

0.9

Does your organisation's website follow all security protocols as mandated by the Government of India?

No

No

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

1.6

0.9

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0.7

0.4

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

1.4

0.9

Percentage of young scientists in scientific staff

21.7

24

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

20.5

19.5

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.6

0.4

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

2.5

1.5

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

6.4

6.3

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0.1

International bodies

0

0.6

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Others

3.2

1.3

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

8.4

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

2.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Indian Institute of Toxicology Research

Ministry/Department/Organisation:
Location
Year of establishment

Council for Scientific and Industrial Research
Uttar Pradesh
1965

Total staff at the Lab

2021-22
297

2022-23
307

Type of R&D performed

Applied R&D

Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

239
67.86

245
79.47

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.8

0.8

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

9.6

10.2

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

2.9

2

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0.8

1.6

Number of international academic collaborations measured by publications (per 100 scientific staff)

9.2

10.6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

56

78

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

3.3

4.1

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1.6

3.3

Number of national academic collaborations measured by publications (per 100 scientific staff)

3.3

4.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)
Increase in number of staff engaged in R&D (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

67

67

Increase in women staff engaged in R&D (per 100 scientific staff)

10.5

5.7

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

52

52

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

1.3

5.7

Does your organisation have procedures in place for sustainable sourcing of materials?

4.4

3.8

Has your organisation set up a Section 8 company to support startups?

0.1

0.4

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups supported through:

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Research support (per Rs. 10 crore spent)

0.1

0.4

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0.1

0.4

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0.1

0.3

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0.1

0.3

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

9.6

10.6

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

5.9

8.6

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0.4

0.4

Does your organisation have national accreditation/certification for its lab procedure?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

35

36

Does your organisation have international accreditation/certification for its lab procedure?

Yes

Yes

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

1.3

1.2

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0.8

1.2

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

272

298

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0.8

0.8

Percentage of publications in top 10% of journals

38.7

36

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Number of IPRs filed (per Rs. 10 crore spent)

0.3

0.3

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0.4

0.8

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0.1

Percentage of young scientists in scientific staff

85.7

86.8

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

44.4

48.4

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.1

0.1

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0.1

Percentage of the total budget spent on training and skill up-gradation

2

2

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.9

0.7

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.6

0.5

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

5

5

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

1

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

10

10

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.1

0.1

International bodies

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

16.7

22.4

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.6

13.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.6

13.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Central Leather Research Institute

Ministry/Department/Organisation:			Council for Scientific and Industrial Research								
Location	Tamil Nadu						2021-22	2022-23			
Year of establishment	1948		Total staff at the Lab				339	358			
Type of R&D performed	Basic R&D, Applied R&D		Staff engaged in R&D				212	246			
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)				12.57	13.97			
Indicator	2021-22	2022-23	Indicator				2021-22	2022-23			
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.9	1.6	Number of international collaborative projects with industry (per 100 scientific staff)				0.5	0.8			
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.9	1.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)				0.9	0.8			
Number of projects executed (per 100 scientific staff)	33.5	34.6	Number of international academic collaborations measured by publications (per 100 scientific staff)				17.9	17.5			
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)				0.5	0.4			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1.4	21.1	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)				4.2	3.3			
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	692.9	863.3	Number of national academic collaborations measured by publications (per 100 scientific staff)				4.2	3.3			
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	23.9	27.9	Percentage of permanent scientists and contractual researchers to overall staff				52.7	59.3			
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	4.3	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)				62	58			
Increase in number of staff engaged in R&D (per 100 scientific staff)	-12.7	8.9	Does your organisation have procedures in place for sustainable sourcing of materials?				34.2	28.6			
Increase in women staff engaged in R&D (per 100 scientific staff)	-4.7	8.9	Does your organisation have procedures in place to safely reclaim waste? - E-Waste				Yes	Yes			
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste				Yes	Yes			
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)				Yes	Yes			
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste				No	No			
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste				Yes	Yes			
Consultancy services (per Rs. 10 crore spent)	0.8	0.7	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste				Yes	Yes			
Research support (per Rs. 10 crore spent)	0.8	0.7	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste				Yes	Yes			
Mentorship (per Rs. 10 crore spent)	0.8	0.7	Does your organisation have procedures in place to safely reclaim waste? - Other Waste				No	No			
Other forms of support (per Rs. 10 crore spent)	4	2.9	Does your organisation have initiatives in place to promote intra-organisational collaborations?				Yes	Yes			
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?				Yes	Yes			
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?				Yes	Yes			
Number of spin-out companies generated (per Rs. 10 crore spent)	0.8	0.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?				Yes	Yes			
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	44.8	34.1	Does your organisation have a public grievance redressal cell?				Yes	Yes			
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	59.4	91.1	Does your organisation have national accreditation/ certification for its lab procedure?				Yes	Yes			
Number of national awards and fellowships (per 100 scientific staff)	0.9	0	Does your organisation have international accreditation/ certification for its lab procedure?				Yes	Yes			
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)				7.5	7.3			
Number of publications in quality peer reviewed journals (per 100 scientific staff)	87	80	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)				12.3	11.8			
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	10.8	9.8	Are your organisation's R&D facilities available on the I-STEM national portal?				Yes	Yes			
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	85.4	78.9	Does your organisation's website follow all security protocols as mandated by the Government of India?				Yes	Yes			
Percentage of publications in top 10% of journals	21.3	32.9	Is your organisation's website differently-abled friendly?				No	No			
Number of IPRs filed (per Rs. 10 crore spent)	4	5	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?				No	No			
Number of IPRs granted (per Rs. 10 crore spent)	12.7	7.9	Percentage of young scientists in scientific staff				41.7	49.7			
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	10.3	5.7	Percentage of women scientists in scientific staff				29.2	34			
Number of IPRs licensed out (per Rs. 10 crore spent)	1.6	2.9	Are the facilities at your organisation differently-abled friendly?				Yes	Yes			
Number of non-worked patents (per Rs. 10 crore spent)	4	2.9	Percentage of the total budget spent on training and skill up-gradation				0.3	0.4			
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	109.8	74.4	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?				Yes	Yes			
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.6	2.9	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?				Yes	Yes			
Number of new products/services introduced (per Rs. 10 crore spent)	16.7	5.7	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				80	86			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	6.9	6.8	Parent ministry and department				0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.2	2.8	Capacity Building Commision (CBC)				0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies				20	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.7	4.2	Others				0	19			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0.1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)				3.3	3.7			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)				1.4	1.6			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.1	0.1									
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st	Quartile	2nd	Quartile	3rd	Quartile	4th	Quartile	
			Data submitted by the lab could not be validated								

CSIR-Advanced Materials and Processes Research Institute

Ministry/Department/Organisation:	Council for Scientific and Industrial Research				
Location	Madhya Pradesh				
Year of establishment	1981		Total staff at the Lab	2021-22 166	2022-23 172
Type of R&D performed	Basic R&D, Applied R&D		Staff engaged in R&D	111	119
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)	28.98	39.99
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.4	12.6	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	16.2	7.6	Number of international collaborative projects with industry (per 100 scientific staff)	0.9	0.8
Number of projects executed (per 100 scientific staff)	50.5	53.8	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.9	0.8
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	21.6	22.7
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	7.2	5.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	11.7	29.4	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	9	14.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	30.7	199	Number of national academic collaborations measured by publications (per 100 scientific staff)	9	14.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	5.5	9	Percentage of permanent scientists and contractual researchers to overall staff	66.9	69.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.3	Percentage of overall budget spent on R&D and S&T	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	19.8	9.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	17.3	12.5
Increase in women staff engaged in R&D (per 100 scientific staff)	8.1	9.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	1	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.3	0.5	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.3	0.3	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	1	0.3	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.6	3.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	10.8	18.5	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0.8	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	101	109	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.8	1.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0.9	2.5
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1602.7	1129.4	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	38.7	36	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	2.8	3.8	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	1.4	3	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.4	3	Percentage of young scientists in scientific staff	57.8	60.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0.7	0	Percentage of women scientists in scientific staff	17.8	24.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	10	10
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.7	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.4	1	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.7	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by Parent ministry and department	0	4.2
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.2	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.1	International bodies	1.8	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.7	0.7	Others	2.7	0.8
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.6	0.1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	36.9	84
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.5	0.1	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	13.5	16
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated

CSIR-Institute of Himalayan Bioresource Technology

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Himachal Pradesh

Year of establishment

1983

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.6

4.1

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2

1.9

Number of projects executed (per 100 scientific staff)

40

39.6

Beneficiaries of organisation's programmes

Individuals, Industry, Government Departments

Individuals, Industry, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

7.7

26.6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

18.1

63.4

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

36.3

2.6

Increase in women staff engaged in R&D (per 100 scientific staff)

21.2

2.6

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

1

0.7

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0.6

0.6

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0.9

0.4

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

1

0.7

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0.3

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

3.5

3.9

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

22.5

37.5

Number of national awards and fellowships (per 100 scientific staff)

1.1

0

Number of international awards and fellowships (per 100 scientific staff)

0

0.4

Number of publications in quality peer reviewed journals (per 100 scientific staff)

49

46

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

769.8

440.9

Percentage of publications in top 10% of journals

4.4

9.2

Number of IPRs filed (per Rs. 10 crore spent)

1.6

2.4

Number of IPRs granted (per Rs. 10 crore spent)

0.8

0.5

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.8

0.5

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0.3

Number of non-worked patents (per Rs. 10 crore spent)

0

1.8

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

1

1.2

Number of new products/services introduced (per Rs. 10 crore spent)

1

1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.3

0.2

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

1.1

0.7

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.5

0.2

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.2

0.4

Number of international academic collaborations measured by publications (per 100 scientific staff)

6.6

6.4

Number of national collaborative projects with industry (per 100 scientific staff)

12.7

13.7

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

9.2

8.8

Number of national academic collaborations measured by publications (per 100 scientific staff)

9.2

8.8

Percentage of permanent scientists and contractual researchers to overall staff

81.9

83.2

Percentage of overall budget spent on R&D and S&T

85

88

R&D expenditure on green technologies (per Rs. 10 crore spent)

1

1.4

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

95.2

94.8

Percentage of women scientists in scientific staff

43.4

44.8

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

0.1

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

1.1

0.2

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0.4

1.7

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.1

1.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0.2

0.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-National Institute for Interdisciplinary Science and Technology

Ministry/Department/Organisation:			Council for Scientific and Industrial Research				
Location			Kerala			2021-22	2022-23
Year of establishment			1975			278	306
Type of R&D performed			Basic R&D, Applied R&D			Total staff at the Lab	
Indicator			2021-22			2021-22	2022-23
2022-23			2022-23			213	238
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			0			69.96	79.61
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			3.3				
Number of projects executed (per 100 scientific staff)			72.8				
Beneficiaries of organisation's programmes			Individuals, NGOs, Industry, Government Departments				
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			0				
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)			18.7				
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0				
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0				
Increase in number of staff engaged in R&D (per 100 scientific staff)			2.8				
Increase in women staff engaged in R&D (per 100 scientific staff)			1.4				
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			0				
Has your organisation set up a Section 8 company to support startups?			No				
Number of startups supported through:							
Training (per Rs. 10 crore spent)			0.1				
Consultancy services (per Rs. 10 crore spent)			0.7				
Research support (per Rs. 10 crore spent)			0.6				
Mentorship (per Rs. 10 crore spent)			0				
Other forms of support (per Rs. 10 crore spent)			0.6				
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			0.1				
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0				
Number of spin-out companies generated (per Rs. 10 crore spent)			0				
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			11.7				
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			31.9				
Number of national awards and fellowships (per 100 scientific staff)			1.4				
Number of international awards and fellowships (per 100 scientific staff)			0				
Number of publications in quality peer reviewed journals (per 100 scientific staff)			130				
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0				
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			1278.9				
Percentage of publications in top 10% of journals			17.3				
Number of IPRs filed (per Rs. 10 crore spent)			4.4				
Number of IPRs granted (per Rs. 10 crore spent)			1.3				
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			1.3				
Number of IPRs licensed out (per Rs. 10 crore spent)			0				
Number of non-worked patents (per Rs. 10 crore spent)			2.7				
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0				
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			1.1				
Number of new products/services introduced (per Rs. 10 crore spent)			1.1				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			2.3				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.3				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.1				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			2.5				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0.3				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0.1				
Indicator			2021-22			2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)			0.9			0.9	0.8
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)			4.2			4.2	2.9
Number of international academic collaborations measured by publications (per 100 scientific staff)			45.1			45.1	53.8
Number of national collaborative projects with industry (per 100 scientific staff)			8.5			8.5	10.9
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)			0.9			0.9	0.8
Number of national academic collaborations measured by publications (per 100 scientific staff)			0.9			0.9	0.8
Percentage of permanent scientists and contractual researchers to overall staff			76.2			76.2	79.3
Percentage of overall budget spent on R&D and S&T			25.6			25.6	30.3
R&D expenditure on green technologies (per Rs. 10 crore spent)			0			0	0
Does your organisation have procedures in place for sustainable sourcing of materials?			No			No	No
Does your organisation have procedures in place to safely reclaim waste? - E-Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste			Yes			Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste			Yes			Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?			Yes			Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?			Yes			Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?			Yes			Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?			Yes			Yes	Yes
Does your organisation have a public grievance redressal cell?			Yes			Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?			Yes			Yes	Yes
Does your organisation have international accreditation/ certification for its lab procedure?			Yes			Yes	Yes
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)			4.2			4.2	2.5
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)			4.7			4.7	4.6
Are your organisation's R&D facilities available on the I-STEM national portal?			Yes			Yes	Yes
Does your organisation's website follow all security protocols as mandated by the Government of India?			Yes			Yes	Yes
Is your organisation's website differently-abled friendly?			Yes			Yes	Yes
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?			No			No	No
Percentage of young scientists in scientific staff			62.3			62.3	66.6
Percentage of women scientists in scientific staff			28.1			28.1	34.9
Are the facilities at your organisation differently-abled friendly?			Yes			Yes	Yes
Percentage of the total budget spent on training and skill up-gradation			0			0	0
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?			Yes			Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?			Yes			Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			0			0	0.8
Parent ministry and department			0			0	0
Capacity Building Commission (CBC)			0			0	0
International bodies			0.5			0.5	6.3
Others			0			0	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)			0.5			0.5	1.7
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)			0.5			0.5	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-National Botanical Research Institute

Ministry/Department/Organisation:	Council for Scientific and Industrial Research				2021-22	2022-23
Location	Uttar Pradesh				271	298
Year of establishment	1953					
Type of R&D performed	Basic R&D, Applied R&D				139	208
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.4	1		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.4	1.9		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.7	0.5
Number of projects executed (per 100 scientific staff)	80.6	44.7		Number of international academic collaborations measured by publications (per 100 scientific staff)	7.9	2.4
	Individuals, NGOs, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	1.4	0.5
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.7	11.1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	2.2	1.4		Number of national academic collaborations measured by publications (per 100 scientific staff)	13.7	11.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	90.1	28.1		Percentage of permanent scientists and contractual researchers to overall staff	51.3	62.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.4		Percentage of overall budget spent on R&D and S&T	26.7	30.9
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	9.6	8
Increase in number of staff engaged in R&D (per 100 scientific staff)	22.3	17.8		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	18	17.8		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.4	1.1		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.1	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	16.5	7.7		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	30.2	24		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.4	2.4
Number of publications in quality peer reviewed journals (per 100 scientific staff)	119	74		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	21.6	21.2
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.2	0.5		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	3951.8	2192.8		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	3	3.3		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.3	0.1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0.4	0.5		Percentage of young scientists in scientific staff	55.4	75.4
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.4	0.5		Percentage of women scientists in scientific staff	38.1	43.3
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.1		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	3.6	2.4		Percentage of the total budget spent on training and skill up-gradation	0.2	0.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.5		Parent ministry and department	1.5	2.9
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.6	0.5		Others	4.4	2.9
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	11.5	5.3
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.3	1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0.1				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

CSIR-Central Scientific Instruments Organisation

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Chandigarh

Year of establishment

1959

Total staff at the Lab

2021-22

2022-23

449

454

Type of R&D performed

Basic R&D, Applied R&D

Staff engaged in R&D

258

277

Total Budget of the institution (Rs. Crores)

56.68

78.66

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.9

1.8

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

31.8

19.9

Number of international academic collaborations measured by publications (per 100 scientific staff)

11.2

7.6

Beneficiaries of organisation's programmes

Individuals, NGOs, Industry, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0.8

4.7

Number of national collaborative projects with industry (per 100 scientific staff)

1.2

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

682.8

455.1

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

4.8

2.4

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.4

Percentage of permanent scientists and contractual researchers to overall staff

31.5

34.1

Increase in number of staff engaged in R&D (per 100 scientific staff)

-5

0.4

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

20

39.7

Increase in women staff engaged in R&D (per 100 scientific staff)

-1.6

0.4

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

19.8

12

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0.5

0.5

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

6.6

6.1

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

19.4

61.4

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0.8

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Number of publications in quality peer reviewed journals (per 100 scientific staff)

49

46

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0.8

4

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1135.7

395.3

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

25.2

11.2

Percentage of publications in top 10% of journals

12

6.9

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Number of IPRs filed (per Rs. 10 crore spent)

3.7

4.3

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0.7

0.6

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.7

0.6

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

80.2

81.1

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

8.3

9.5

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.4

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.9

1

Percentage of the total budget spent on training and skill up-gradation

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

4.9

3.7

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

2.7

2.7

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.2

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

2.7

2.7

International bodies

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could

CSIR-Fourth Paradigm Institute

Ministry/Department/Organisation:			Council for Scientific and Industrial Research				
Location			Karnataka			2021-22	2022-23
Year of establishment			1988			64	82
Type of R&D performed			Basic R&D, Applied R&D			Total staff at the Lab	
Indicator			2021-22 2022-23			Staff engaged in R&D	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			8	1.6		Total Budget of the institution (Rs. Crores)	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			2	1.6		73.68	49.67
Number of projects executed (per 100 scientific staff)			46	36.1		50	61
Beneficiaries of organisation's programmes			Industry, Government Departments	Government Departments		73.68	49.67
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			0	0		50	61
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)			7.2	39.7		73.68	49.67
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0	0		50	61
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0	0		73.68	49.67
Increase in number of staff engaged in R&D (per 100 scientific staff)			-8	-4.9		50	61
Increase in women staff engaged in R&D (per 100 scientific staff)			4	-4.9		73.68	49.67
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			0	0		50	61
Has your organisation set up a Section 8 company to support startups?			No	No		73.68	49.67
Number of startups supported through:						50	61
Training (per Rs. 10 crore spent)			0	0		73.68	49.67
Consultancy services (per Rs. 10 crore spent)			0	0		50	61
Research support (per Rs. 10 crore spent)			0	0		73.68	49.67
Mentorship (per Rs. 10 crore spent)			0	0		50	61
Other forms of support (per Rs. 10 crore spent)			0	0		73.68	49.67
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			0	0		50	61
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0	0		73.68	49.67
Number of spin-out companies generated (per Rs. 10 crore spent)			0	0		50	61
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			6	1.6		73.68	49.67
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			24	16.4		50	61
Number of national awards and fellowships (per 100 scientific staff)			0	0		73.68	49.67
Number of international awards and fellowships (per 100 scientific staff)			0	0		50	61
Number of publications in quality peer reviewed journals (per 100 scientific staff)			40	30		73.68	49.67
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0	0		50	61
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			402	419.7		73.68	49.67
Percentage of publications in top 10% of journals			0	0		50	61
Number of IPRs filed (per Rs. 10 crore spent)			0	0		73.68	49.67
Number of IPRs granted (per Rs. 10 crore spent)			0	0		50	61
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			0	0		73.68	49.67
Number of IPRs licensed out (per Rs. 10 crore spent)			0	0		50	61
Number of non-worked patents (per Rs. 10 crore spent)			0.4	0.6		73.68	49.67
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0	0		50	61
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			0	0		73.68	49.67
Number of new products/services introduced (per Rs. 10 crore spent)			0	0		50	61
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.3	0.2		73.68	49.67
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		50	61
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		73.68	49.67
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			0.3	0.2		50	61
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0	0		73.68	49.67
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0	0		50	61
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0	0		73.68	49.67
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						50	61
			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
							Data submitted by the lab could not be validated

CSIR-National Aerospace Laboratories

Ministry/Department/Organisation:
Location
Year of establishment

Karnataka
1959

Council for Scientific and Industrial Research

Total staff at the Lab
2021-22
1065
2022-23
1145

Type of R&D performed

Basic R&D, Applied R&D

Staff engaged in R&D
Total Budget of the institution (Rs. Crores)
460
283.74
543
372.04

Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.9	0.4
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.4	1.3
Number of projects executed (per 100 scientific staff)	8.3	6.3
Beneficiaries of organisation's programmes	Government Departments	Government Departments
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	3.3	2.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0.8	1.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	13	2.8
Increase in women staff engaged in R&D (per 100 scientific staff)	1.5	2.8
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	0	0
Consultancy services (per Rs. 10 crore spent)	0	0
Research support (per Rs. 10 crore spent)	0	0
Mentorship (per Rs. 10 crore spent)	0	0
Other forms of support (per Rs. 10 crore spent)	0	0
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	4.6	4.4
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	13.5	34.6
Number of national awards and fellowships (per 100 scientific staff)	0.4	0.2
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	14	12
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	168.7	89.9
Percentage of publications in top 10% of journals	38.7	20
Number of IPRs filed (per Rs. 10 crore spent)	0.1	0
Number of IPRs granted (per Rs. 10 crore spent)	0	0.1
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.1
Number of non-worked patents (per Rs. 10 crore spent)	0	0.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.1
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0.1
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.2	1.1
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.2	1.1
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0

Indicator	2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.2	0.2
Number of international academic collaborations measured by publications (per 100 scientific staff)	2	1.3
Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	8	6.1
Number of national academic collaborations measured by publications (per 100 scientific staff)	8	6.1
Percentage of permanent scientists and contractual researchers to overall staff	43.2	47.4
Percentage of overall budget spent on R&D and S&T	22	28
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	5	5.2
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	No	No
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Percentage of young scientists in scientific staff	32.5	37.1
Percentage of women scientists in scientific staff	20	24.7
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	0.5	0.5
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	62	78
Capacity Building Commission (CBC)	0	0
International bodies	3	1
Others	21	24
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.2	6.1
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.2	3.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-National Chemical Laboratory

Ministry/Department/Organisation:
Location
Year of establishment

Maharashtra
1950
Council for Scientific and Industrial Research

Total staff at the Lab

2021-22
469

2022-23
656

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

265
184

470
204

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.4	0.4
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.4	0.9
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	80.4 Industry, Government Departments	49.6 Industry, Government Departments
Beneficiaries of organisation's programmes		
Number of research staff appointed to government or national committees (per 100 scientific staff)	0.4	0.2
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	2.3	1.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	6.1	8.4
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1
Increase in number of staff engaged in R&D (per 100 scientific staff)	-6.4	20.4
Increase in women staff engaged in R&D (per 100 scientific staff)	5.3	20.4
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	4.1	4.1
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	0	0
Consultancy services (per Rs. 10 crore spent)	0	0
Research support (per Rs. 10 crore spent)	0	0
Mentorship (per Rs. 10 crore spent)	0	0
Other forms of support (per Rs. 10 crore spent)	2.6	2.7
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	6.7	6.8
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.8	1.4
Number of spin-out companies generated (per Rs. 10 crore spent)	0.5	0.4
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	47.5	21.1
Number of trainings imparted by lab (per 100 scientific staff)	42.6	36.4
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	17.4	7
Number of skill development programmes conducted (per 100 scientific staff)	42.6	36.4
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	11.3	16
Number of national awards and fellowships (per 100 scientific staff)	0.8	0
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	201	98
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0.4	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2232.1	551.5
Percentage of publications in top 10% of journals	7.9	6.7
Number of national and international recognitions (per 100 scientific staff)	6	3.8
Number of reports leading to designs and products (per 100 scientific staff)	2.3	2.3
Number of IPRs filed (per Rs. 10 crore spent)	5.4	5.3
Number of IPRs granted (per Rs. 10 crore spent)	6.8	4.8
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.9	1.4
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	6.8	4.8
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.1
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.8
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.7	0.5
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.6	0.8
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0

Number of international collaborative projects with industry (per 100 scientific staff)	0.4	0.2
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.4	0.2
Number of international academic collaborations measured by publications (per 100 scientific staff)	39.2	19.4
Number of national collaborative projects with industry (per 100 scientific staff)	21.1	15.5
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6	4
Number of national academic collaborations measured by publications (per 100 scientific staff)	65.3	36.2
Percentage of permanent scientists and contractual researchers to overall staff	56.5	71.6
Percentage of overall budget spent on R&D and S&T	25.7	29.9
R&D expenditure on green technologies (per Rs. 10 crore spent)	3.4	2.6
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	15.3
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	6.8
Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	No	No
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Percentage of young scientists in scientific staff	44.3	64
Percentage of women scientists in scientific staff	23.8	32.6
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	1	1
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	0	0
Capacity Building Commission (CBC)	0	0
International bodies	0	0
Others	0	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.4	1.5
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.4	1.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Central Glass and Ceramic Research Institute

Ministry/Department/Organisation:		Council for Scientific and Industrial Research			
Location	West Bengal			2021-22	2022-23
Year of establishment	1950			273	292
		Total staff at the Lab		82	91
		Staff engaged in R&D		91.83	97.26
		Total Budget of the institution (Rs. Crores)			
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			2021-22	2022-23
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.9	8.8	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	15.9	11	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.9	3.3
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	15.9	8.8	Number of international academic collaborations measured by publications (per 100 scientific staff)	24.4	16.5
Number of projects executed (per 100 scientific staff)	151.2	122	Number of national collaborative projects with industry (per 100 scientific staff)	11	5.5
Beneficiaries of organisation's programmes	Industry, Government Departments	Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	2.2
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	72	68.1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	12.2	0	Percentage of permanent scientists and contractual researchers to overall staff	30	31.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	21.6	36.4	Percentage of overall budget spent on R&D and S&T	100	100
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.5	R&D expenditure on green technologies (per Rs. 10 crore spent)	0.5	2.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in number of staff engaged in R&D (per 100 scientific staff)	-15.9	2.2	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-1.2	2.2	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	9.8	8.8	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	6.1	5.5	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	53.7	69.2
Number of skill development programmes conducted (per 100 scientific staff)	17.1	22	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	20.7	20.9
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	12.2	11	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	188	144	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	1.1	Percentage of young scientists in scientific staff	4.2	9.1
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	8365.9	9984.6	Percentage of women scientists in scientific staff	8.3	9.1
Percentage of publications in top 10% of journals	7.5	4.5	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.2	0.5	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.8	0.3	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.8	0.3	Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.1	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	7.4	6	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.2	0
Number of new products/services introduced (per Rs. 10 crore spent)	6.6	8.4	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	1.1
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.4	1.5			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated



CSIR-Indian Institute of Integrative Medicine

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Jammu and Kashmir

Year of establishment

1941

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

655

640

Total Budget of the institution (Rs. Crores)

512

498

112.06

116.43

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.4

0.4

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.6

0

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0.2

Number of projects executed (per 100 scientific staff)

9.4

16.5

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

0.4

0.4

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

5.1

6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

54.5

67.5

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

1.4

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-3.3

8.6

Increase in women staff engaged in R&D (per 100 scientific staff)

10

8.6

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0.3

0.6

Has your organisation set up a Section 8 company to support startups?

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0.2

0.2

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0.2

0.5

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0.1

0.4

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

3.3

7

Number of trainings imparted by lab (per 100 scientific staff)

0.2

2.2

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0.6

8.4

Number of skill development programmes conducted (per 100 scientific staff)

4.5

6.8

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

1

0

Number of international awards and fellowships (per 100 scientific staff)

0.2

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

30

40

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

2

3.6

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

454.1

192.6

Percentage of publications in top 10% of journals

0

0

Number of national and international recognitions (per 100 scientific staff)

1.4

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

1.4

0.9

Number of IPRs granted (per Rs. 10 crore spent)

1.6

0.6

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

1.6

0.4

Number of IPRs licensed out (per Rs. 10 crore spent)

0.1

0

Number of non-worked patents (per Rs. 10 crore spent)

2.4

3.2

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

2.1

2.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.1

0

Number of new products/services introduced (per Rs. 10 crore spent)

0.9

0.9

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

3.4

0.5

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0.2

Number of international academic collaborations measured by publications (per 100 scientific staff)

5.9

7

Number of national collaborative projects with industry (per 100 scientific staff)

0.2

0.2

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

15.4

19.9

Percentage of permanent scientists and contractual researchers to overall staff

78.2

77.8

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

30

31

Does your organisation have procedures in place for sustainable sourcing of materials?

1

0.7

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

91.2

91.1

Percentage of women scientists in scientific staff

49.7

47.3

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

5

5

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

6.2

0

Capacity Building Commission (CBC)

0

3

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.5

5.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.9

4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Central Institute of Medicinal and Aromatic Plants

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Uttar Pradesh

Year of establishment

1959

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

291

424

Total Budget of the institution (Rs. Crores)

96.01

103.59

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.3

1.9

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.3

1.9

Number of projects executed (per 100 scientific staff)

31.3

20.3

Beneficiaries of organisation's programmes

Individuals, Industry, Government Departments

Individuals, Industry, Government Departments

Number of research staff appointed to government or national committees (per 100 scientific staff)

0.3

0.5

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

399.9

351.6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-12.4

14.6

Increase in women staff engaged in R&D (per 100 scientific staff)

-5.5

14.6

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0.7

0.4

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0.7

0.4

Number of spin-out companies generated (per Rs. 10 crore spent)

0.1

0.2

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

8.2

3.1

Number of trainings imparted by lab (per 100 scientific staff)

19.9

13.4

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

1.4

1.4

Number of skill development programmes conducted (per 100 scientific staff)

2.7

2.8

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

16.8

11.8

Number of national awards and fellowships (per 100 scientific staff)

1

0.7

Number of international awards and fellowships (per 100 scientific staff)

0.3

0.2

Number of publications in quality peer reviewed journals (per 100 scientific staff)

56

38

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

581.8

247.4

Percentage of publications in top 10% of journals

32

36

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0.7

0.2

Number of IPRs filed (per Rs. 10 crore spent)

0.3

0.3

Number of IPRs granted (per Rs. 10 crore spent)

0.3

0.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.2

0.1

Number of IPRs licensed out (per Rs. 10 crore spent)

0.4

0.2

Number of non-worked patents (per Rs. 10 crore spent)

2

1.7

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.1

0.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

1

0

Number of new products/services introduced (per Rs. 10 crore spent)

0.1

0.8

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.8

0.6

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Institute of Genomics and Integrative Biology

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Delhi

Year of establishment

1992

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

479

733

Total Budget of the institution (Rs. Crores)

284

541

81.56

85.81

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.8

2.6

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.1

0.6

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.7

0.2

Number of projects executed (per 100 scientific staff)

62.3

27.5

Individuals,
Industry,
Government
Departments

Individuals,
Industry,
Government
Departments

Beneficiaries of organisation's programmes
Number of research staff appointed to government or national committees (per 100 scientific staff)

5.3

2.8

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0.2

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

19.9

35.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.3

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.2

Increase in number of staff engaged in R&D (per 100 scientific staff)

-4.2

34

Increase in women staff engaged in R&D (per 100 scientific staff)

5.3

34

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

8.5

7

Number of trainings imparted by lab (per 100 scientific staff)

0.4

0.2

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

5.6

3.5

Number of skill development programmes conducted (per 100 scientific staff)

0

0

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

0.4

Number of national awards and fellowships (per 100 scientific staff)

1.8

0

Number of international awards and fellowships (per 100 scientific staff)

0.4

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

74

38

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

2391.2

1469.1

Percentage of publications in top 10% of journals

13.7

17.2

Number of national and international recognitions (per 100 scientific staff)

2.5

1.7

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0.2

1.3

Number of IPRs granted (per Rs. 10 crore spent)

0.1

0.3

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.1

0.3

Number of IPRs licensed out (per Rs. 10 crore spent)

0.1

0

Number of non-worked patents (per Rs. 10 crore spent)

0.2

0.5

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.2

0.3

Number of new products/services introduced (per Rs. 10 crore spent)

0.5

0.3

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

5.7

5

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.6

0.9

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.1

0.8

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

3.2

1.1

Number of international academic collaborations measured by publications (per 100 scientific staff)

14.4

7.6

Number of national collaborative projects with industry (per 100 scientific staff)

1.4

0.7

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.4

0.4

Number of national academic collaborations measured by publications (per 100 scientific staff)

42.6

24

Percentage of permanent scientists and contractual researchers to overall staff

84.8

92.2

Percentage of overall budget spent on R&D and S&T

61.8

61.7

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

7.4

1.5

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

82.3

90.5

Percentage of women scientists in scientific staff

49.8

59.9

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

1.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Institute of Minerals and Materials Technology

Ministry/Department/Organisation:		Council for Scientific and Industrial Research			
Location	Odisha			2021-22	2022-23
Year of establishment	1964		Total staff at the Lab	241	275
			Staff engaged in R&D	130	168
			Total Budget of the institution (Rs. Crores)	73.07	90.26
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	26.9	25.6	Number of international collaborative projects with industry (per 100 scientific staff)	2.3	2.4
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	26.9	25.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.7	8.3
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	26.9	25.6	Number of international academic collaborations measured by publications (per 100 scientific staff)	45.4	28.6
Number of projects executed (per 100 scientific staff)	138.5	74.4	Number of national collaborative projects with industry (per 100 scientific staff)	4.6	5.4
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	23.1	21.4
Beneficiaries of organisation's programmes			Number of national academic collaborations measured by publications (per 100 scientific staff)	67.7	53.6
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	53.9	61.1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	7.7	6	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	1.4	1.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	246.3	288.1	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.1	2	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	-28.5	8.9	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-10	8.9	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1	0.6	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Training (per Rs. 10 crore spent)	1.4	1.6	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.8	0.7	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Research support (per Rs. 10 crore spent)	0.5	0.7	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.5	0.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	1.1	1.1	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.3	0.3	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0.1	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	2.3	4.2
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	5.4	2.4	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	1.5	1.2
Number of trainings imparted by lab (per 100 scientific staff)	4.6	3	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	16.2	14.3	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	6.2	6	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	26.2	24.4	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0.8	0	Percentage of young scientists in scientific staff	47.3	57.2
Number of international awards and fellowships (per 100 scientific staff)	0	0	Percentage of women scientists in scientific staff	16.1	19.9
Number of publications in quality peer reviewed journals (per 100 scientific staff)	136	98	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	5.4	7.7	Percentage of the total budget spent on training and skill up-gradation	5	5
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1971.5	1159.5	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Percentage of publications in top 10% of journals	38.7	36	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of reports leading to designs and products (per 100 scientific staff)	2.3	6	Parent ministry and department	23.1	11.1
Number of IPRs filed (per Rs. 10 crore spent)	1.5	1.1	Capacity Building Commission (CBC)	0	0
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.9	International bodies	0	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.5	0.9	Others	19.2	22.2
Number of IPRs licensed out (per Rs. 10 crore spent)	0.4	0.3	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.2	3.6
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.5	2.4
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.4	0.3			
Number of new products/services introduced (per Rs. 10 crore spent)	0.8	0.9			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.3	1.4			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1.5	1.7			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.3	1.4			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.5	0.8			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-National Physical Laboratory

Ministry/Department/Organisation:
Location
Year of establishment

Council for Scientific and Industrial Research
Delhi
1947

Total staff at the Lab
Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

2021-22
475
185
168.83

2022-23
456
189
189.69

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.6	1.6	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.6	1.6	
Number of projects executed (per 100 scientific staff)	26.5	22.2	
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	
Beneficiaries of organisation's programmes			
Number of research staff appointed to government or national committees (per 100 scientific staff)	13.5	13.2	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1.1	1.1	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	81.1	38.7	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0.6	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-21.6	4.2	
Increase in women staff engaged in R&D (per 100 scientific staff)	-6.5	4.2	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	14.1	18	
Number of trainings imparted by lab (per 100 scientific staff)	4.3	11.6	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	37.3	60.8	
Number of skill development programmes conducted (per 100 scientific staff)	4.3	11.6	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	12.4	38.1	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	198	197	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	893.5	949.7	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2386.5	905.3	
Percentage of publications in top 10% of journals	3	4.9	
Number of national and international recognitions (per 100 scientific staff)	2.7	2.1	
Number of reports leading to designs and products (per 100 scientific staff)	0.5	3.2	
Number of IPRs filed (per Rs. 10 crore spent)	0.4	0.3	
Number of IPRs granted (per Rs. 10 crore spent)	0.6	0.4	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.6	0.4	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.1	
Number of non-worked patents (per Rs. 10 crore spent)	2.1	2	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.8	1.1	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0.1	
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	3	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	1.1	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.3	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.8	0.1	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0.1	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0.5	0.5	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.2	4.8	
Number of international academic collaborations measured by publications (per 100 scientific staff)	49.7	39.2	
Number of national collaborative projects with industry (per 100 scientific staff)	4.3	5.3	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.3	4.2	
Number of national academic collaborations measured by publications (per 100 scientific staff)	142.2	151.9	
Percentage of permanent scientists and contractual researchers to overall staff	38.9	41.4	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	53.6	60.2	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	11.4	11.1	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Percentage of young scientists in scientific staff	16.6	19.7	
Percentage of women scientists in scientific staff	12.4	15.4	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0	0	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	13	7.4	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	0	0	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.5	6.3	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.5	7.4	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Indian Institute of Petroleum

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Uttarakhand

Year of establishment

1960

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

328

329

Total Budget of the institution (Rs. Crores)

184

163

98.53

112.63

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.2

7.4

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.1

3.1

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.1

3.1

Number of projects executed (per 100 scientific staff)

16.3

14.1

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

6.5

7.4

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

8.9

6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-6

-4.3

Increase in women staff engaged in R&D (per 100 scientific staff)

1.6

-4.3

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

5.4

9.2

Number of trainings imparted by lab (per 100 scientific staff)

8.7

19.6

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

5.4

21.5

Number of skill development programmes conducted (per 100 scientific staff)

3.8

5.5

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

24.5

29.4

Number of national awards and fellowships (per 100 scientific staff)

0.5

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

75

104

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

20.7

9.2

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1177.7

1593.3

Percentage of publications in top 10% of journals

11.1

12.4

Number of national and international recognitions (per 100 scientific staff)

0.5

0

Number of reports leading to designs and products (per 100 scientific staff)

0

4.9

Number of IPRs filed (per Rs. 10 crore spent)

2.3

1.7

Number of IPRs granted (per Rs. 10 crore spent)

1.4

0.6

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

1.4

0.6

Number of IPRs licensed out (per Rs. 10 crore spent)

0.2

0.2

Number of non-worked patents (per Rs. 10 crore spent)

22.7

20.1

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.1

0.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.2

0.2

Number of new products/services introduced (per Rs. 10 crore spent)

0.3

0.2

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

7.4

3.2

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.2

0.3

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

7.4

3.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.2

0.2

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

16.3

21.5

Number of national collaborative projects with industry (per 100 scientific staff)

0

2.5

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0.6

Number of national academic collaborations measured by publications (per 100 scientific staff)

40.8

50.9

Percentage of permanent scientists and contractual researchers to overall staff

45.4

41.7

Percentage of overall budget spent on R&D and S&T

53.3

51.8

R&D expenditure on green technologies (per Rs. 10 crore spent)

9.5

7.8

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

No

No

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

60.3

55.8

Percentage of women scientists in scientific staff

42.1

42.5

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes



CSIR-National Geophysical Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Telangana Council for Scientific and Industrial Research

1961

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

510

2022-23

500

300

287

102.51

92.23

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.3

1.4

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

7.7

9.8

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

2.3

3.5

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

2.3

3.1

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

10.5

11

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.3

0.3

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-10.7

-4.9

Increase in women staff engaged in R&D (per 100 scientific staff)

-4.3

-4.9

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

4.7

4.5

Number of trainings imparted by lab (per 100 scientific staff)

0.3

0.3

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0.7

Number of skill development programmes conducted (per 100 scientific staff)

1.3

1.4

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

10.7

11.8

Number of national awards and fellowships (per 100 scientific staff)

1

0.3

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

74

70

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

2.3

3.1

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

525.7

325.1

Percentage of publications in top 10% of journals

18.8

19.5

Number of national and international recognitions (per 100 scientific staff)

4.7

4.9

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0.4

0.5

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

1.8

2.3

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

3.2

4.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.3

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.7

0.7

Number of international academic collaborations measured by publications (per 100 scientific staff)

11.3

15.3

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1

1.7

Number of national academic collaborations measured by publications (per 100 scientific staff)

35.3

31.4

Percentage of permanent scientists and contractual researchers to overall staff

51.1

56.2

Percentage of overall budget spent on R&D and S&T

35

24.3

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

4.7

4.2

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

42.7

38

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

55.4

52.6

Percentage of women scientists in scientific staff

21.1

16.7

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

4.3

4.4

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

33.3

15.8

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

15

19

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

11.7

19.2

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

8

7.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



CSIR-Central Food Technological Research Institute

Ministry/Department/Organisation:		Council for Scientific and Industrial Research			
Location	Karnataka			2021-22	2022-23
Year of establishment	1950		Total staff at the Lab	434	448
			Staff engaged in R&D	217	252
			Total Budget of the institution (Rs. Crores)	250	260
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	44.2	38.9	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	44.2	38.9	Number of international academic collaborations measured by publications (per 100 scientific staff)	12.9	9.9
Number of projects executed (per 100 scientific staff)	81.6	58.3	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	7.4	8.7	Number of national academic collaborations measured by publications (per 100 scientific staff)	12.9	9.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	8.3	19.8	Percentage of permanent scientists and contractual researchers to overall staff	50	56.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	75.4	93.4	Percentage of overall budget spent on R&D and S&T	24	26.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	10.6	9.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	8.8	9.5	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.5	0.4	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	3.4	3.6	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.4	0.2	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	2.4	1.7	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.4	0.2	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.2	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	24.9	20.6	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	4.6	9.5	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	2.3	3.2	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.8	1.2
Number of skill development programmes conducted (per 100 scientific staff)	4.6	9.5	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	86.2	127
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	36.9	34.5	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0.4	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	63	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Percentage of young scientists in scientific staff	37	44.6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	832.7	240.1	Percentage of women scientists in scientific staff	27.4	32.9
Percentage of publications in top 10% of journals	38.7	36	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	4	5
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.1	0.1	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.2	0.4	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	4	5
Number of IPRs licensed out (per Rs. 10 crore spent)	3.4	3.6	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0.2	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.4	3.6	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.8	2
Number of new products/services introduced (per Rs. 10 crore spent)	0.7	0.6	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.9	1.2
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.6			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.3			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.5	0.6			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0.1			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
1st Quartile			Data submitted by the lab could not be validated		
2nd Quartile					
3rd Quartile					
4th Quartile					

CSIR-Central Institute of Mining and Fuel Research

Ministry/Department/Organisation:			Council for Scientific and Industrial Research			
Location	Jharkhand				2021-22	2022-23
Year of establishment	1946				1355	1179
Type of R&D performed	Basic R&D, Applied R&D, Services R&D					
Indicator	2021-22	2022-23			2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.2	0.6				
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.1	1				
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.1	1				
Number of projects executed (per 100 scientific staff)	128.6 Individuals, Industry, Government Departments	142.7 Individuals, Industry, Government Departments				
Beneficiaries of organisation's programmes						
Number of research staff appointed to government or national committees (per 100 scientific staff)	2	2.6				
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0				
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1.8	11.3				
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0				
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1				
Increase in number of staff engaged in R&D (per 100 scientific staff)	25.9	-2.8				
Increase in women staff engaged in R&D (per 100 scientific staff)	6.3	-2.8				
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0				
Has your organisation set up a Section 8 company to support startups?	No	No				
Number of startups supported through:						
Training (per Rs. 10 crore spent)	0	0				
Consultancy services (per Rs. 10 crore spent)	0	0				
Research support (per Rs. 10 crore spent)	0	0.1				
Mentorship (per Rs. 10 crore spent)	0	0				
Other forms of support (per Rs. 10 crore spent)	0	0				
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0				
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0				
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0				
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.2	5.4				
Number of trainings imparted by lab (per 100 scientific staff)	0.1	0.2				
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	19.5	27.9				
Number of skill development programmes conducted (per 100 scientific staff)	0.2	0.5				
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0.3	7.7				
Number of national awards and fellowships (per 100 scientific staff)	0	0				
Number of international awards and fellowships (per 100 scientific staff)	0	0.1				
Number of publications in quality peer reviewed journals (per 100 scientific staff)	9	10				
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.5	2.1				
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	129.5	104.7				
Percentage of publications in top 10% of journals	19.4	16.3				
Number of national and international recognitions (per 100 scientific staff)	0.2	0.1				
Number of reports leading to designs and products (per 100 scientific staff)	0	0				
Number of IPRs filed (per Rs. 10 crore spent)	0.8	1.4				
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.5				
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.3				
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.1				
Number of non-worked patents (per Rs. 10 crore spent)	0.9	1				
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.7	0.8				
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0.1				
Number of new products/services introduced (per Rs. 10 crore spent)	0.8	0.8				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.5				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	26	35.4				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0.1				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile
			Data submitted by the lab could not be validated			

CSIR-Central Drug Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Council for Scientific and Industrial Research

Uttar Pradesh

1951

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

903

642

176.16

2022-23

1009

745

207.16

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

5.9

5.1

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0.1

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

22.9

18.5

Beneficiaries of organisation's programmes

Individuals, Industry, Government Departments

Individuals, Industry, Government Departments

Number of research staff appointed to government or national committees (per 100 scientific staff)

0.6

0.5

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0.5

0.7

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

8

14.1

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.6

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

11.7

11

Increase in women staff engaged in R&D (per 100 scientific staff)

2.6

11

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

5.8

7.8

Number of trainings imparted by lab (per 100 scientific staff)

0

0.3

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

1.1

1.5

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0.9

1.3

Number of international awards and fellowships (per 100 scientific staff)

0.2

0.1

Number of publications in quality peer reviewed journals (per 100 scientific staff)

41

39

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0.3

0.5

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

518.8

444.7

Percentage of publications in top 10% of journals

2.2

3.4

Number of national and international recognitions (per 100 scientific staff)

1.1

1.5

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0.7

0.5

Number of IPRs granted (per Rs. 10 crore spent)

0.5

0.3

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0.2

0

Number of non-worked patents (per Rs. 10 crore spent)

0.5

0.2

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.1

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0.1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.2

0.2

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0.2

0.2

Number of international collaborative projects with industry (per 100 scientific staff)

0.2

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

8.7

7.9

Number of national collaborative projects with industry (per 100 scientific staff)

1.2

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

5.9

6.6

Number of national academic collaborations measured by publications (per 100 scientific staff)

6.5

4.8

Percentage of permanent scientists and contractual researchers to overall staff

71.1

73.8

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

39.2

37.8

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

67.5

71.4

Percentage of women scientists in scientific staff

29.2

34.6

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.2

0.2

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

CSIR-National Environmental Engineering Research Institute

Ministry/Department/Organisation: Location Year of establishment		Maharashtra 1958		Council for Scientific and Industrial Research		2021-22 533	2022-23 475
Type of R&D performed		Basic R&D, Applied R&D, Services R&D		Total staff at the Lab Staff engaged in R&D Total Budget of the institution (Rs. Crores)		423 96.89	372 109.56
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.2	0.3		Number of international academic collaborations measured by publications (per 100 scientific staff)	5.4	6.5	
Number of projects executed (per 100 scientific staff)	21 Industry, Government Departments	46.2 Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0.2	0.3	
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0.3	
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	13.2	15.2	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	43.7	44.4	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	154.8	22.8		Percentage of overall budget spent on R&D and S&T	86.1	88.5	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.6	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-3.5	1.3		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Increase in women staff engaged in R&D (per 100 scientific staff)	2.8	1.3		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	2.6	4.3		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Number of trainings imparted by lab (per 100 scientific staff)	0	0.3		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0.5	0.5		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0.2	1.9	
Number of skill development programmes conducted (per 100 scientific staff)	3.3	3.5		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	6.4	7.8	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0.2	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	54	66		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Percentage of young scientists in scientific staff	80.8	76.8	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1488.4	873.1		Percentage of women scientists in scientific staff	36.8	38.2	
Percentage of publications in top 10% of journals	20.7	26.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of national and international recognitions (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	1.5	1.7		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.2		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.2	0.1		Parent ministry and department	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	2.6	0	
Number of non-worked patents (per Rs. 10 crore spent)	1.4	0.7		International bodies	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Others	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0.8	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.4	2.1					
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.9	0.7					
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1					
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	1.2					
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.2					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.1	0.7					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated			



CSIR-Central Electrochemical Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Tamil Nadu Council for Scientific and Industrial Research

1948

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

441

275

120.63

2022-23

455

253

154.29

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

4.4

0.8

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.9

2.8

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.9

2

Number of projects executed (per 100 scientific staff)

29.5

29.6

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

1.1

1.2

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

1.5

4.3

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

222.2

74.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

8.4

-0.4

Increase in women staff engaged in R&D (per 100 scientific staff)

9.1

-0.4

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

19.3

22.1

Number of trainings imparted by lab (per 100 scientific staff)

6.9

9.1

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

10.5

26.5

Number of skill development programmes conducted (per 100 scientific staff)

6.9

9.1

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

34.5

19.4

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0.4

0.4

Number of publications in quality peer reviewed journals (per 100 scientific staff)

102

85

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

10.9

11.1

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1979.6

932.4

Percentage of publications in top 10% of journals

14.6

17.3

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0.6

0.6

Number of IPRs granted (per Rs. 10 crore spent)

0.8

0.4

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0.2

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.7

0.6

Number of new products/services introduced (per Rs. 10 crore spent)

0.4

0.5

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.4

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.2

0.3

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.4

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.4

0.4

Number of international academic collaborations measured by publications (per 100 scientific staff)

30.5

25.3

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.4

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

33.5

32.8

Percentage of permanent scientists and contractual researchers to overall staff

62.4

55.6

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

20

35.3

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

2.9

4.3

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

59.6

113.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

55.2

49

Percentage of women scientists in scientific staff

25.2

22.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

21.5

21.3

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

22.5

20.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

CSIR-Central Salt and Marine Chemicals Research Institute

Ministry/Department/Organisation:			Council for Scientific and Industrial Research					
Location			Gujarat				2021-22	2022-23
Year of establishment			1954			Total staff at the Lab	416	431
Type of R&D performed			Applied R&D, Services R&D			Staff engaged in R&D	302	306
Indicator			2021-22			Total Budget of the institution (Rs. Crores)	74.78	84.6
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			0.7	2.3		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			0.3	1.6		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)			20.5	23.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes			Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	12.3	10.8
Number of research staff appointed to government or national committees (per 100 scientific staff)			0	0		Number of national collaborative projects with industry (per 100 scientific staff)	7	8.2
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			4.6	4.6		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.7	2.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)			76	63.5		Number of national academic collaborations measured by publications (per 100 scientific staff)	37.1	34
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0.1	0.1		Percentage of permanent scientists and contractual researchers to overall staff	72.6	71
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0	0.2		Percentage of overall budget spent on R&D and S&T	61.8	78.5
Increase in number of staff engaged in R&D (per 100 scientific staff)			4.6	2		R&D expenditure on green technologies (per Rs. 10 crore spent)	5.3	5
Increase in women staff engaged in R&D (per 100 scientific staff)			1	2		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?			No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:						Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)			0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)			0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			7.9	10.8		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)			0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			46.4	47.4		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of skill development programmes conducted (per 100 scientific staff)			46.4	47.4		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)			4.3	2.6		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	23.5	31.4
Number of national awards and fellowships (per 100 scientific staff)			0.3	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	53.3	59.2
Number of international awards and fellowships (per 100 scientific staff)			0	0.3		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)			86	84		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0	0		Is your organisation's website differently-abled friendly?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			4375.5	3379.1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Percentage of publications in top 10% of journals			10.7	10.1		Percentage of young scientists in scientific staff	64.6	64.7
Number of national and international recognitions (per 100 scientific staff)			0	0.3		Percentage of women scientists in scientific staff	24.3	25.1
Number of reports leading to designs and products (per 100 scientific staff)			0	0		Are the facilities at your organisation differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)			2.7	2.6		Percentage of the total budget spent on training and skill up-gradation	4.8	5
Number of IPRs granted (per Rs. 10 crore spent)			2	2.4		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			2	2.4		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)			0.7	1.2		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of non-worked patents (per Rs. 10 crore spent)			13.2	11.6		Parent ministry and department	3.3	1.6
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0	0.5		Capacity Building Commission (CBC)	2.3	0.7
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			0.3	1.2		International bodies	1	0.7
Number of new products/services introduced (per Rs. 10 crore spent)			0	0		Others	2.6	0.7
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.3	2.6
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.1	0.2		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.3	2.3
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			0.8	0.5				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0.3	0.4				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

CSIR-Indian Institute of Chemical Biology

Ministry/Department/Organisation:		Council for Scientific and Industrial Research				2021-22	2022-23
Location		West Bengal				169	167
Year of establishment		1935				108	111
Type of R&D performed		Applied R&D, Services R&D				93.72	107.19
Indicator		2021-22	2022-23	Indicator		2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		3.7	9.9	Number of international collaborative projects with industry (per 100 scientific staff)		0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0.9	Number of international collaborative projects with academic instiutions and research labs (per 100 scientific staff)		2.8	3.6
Number of projects executed (per 100 scientific staff)		77.8	66.7	Number of international academic collaborations measured by publications (per 100 scientific staff)		42.6	37.8
Beneficiaries of organisation's programmes		Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)		0	0.9
Number of research staff appointed to government or national committees (per 100 scientific staff)		6.5	6.3	Number of national collaborative projects with academic instiutions and research labs (per 100 scientific staff)		22.2	24.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		1.9	0	Number of national academic collaborations measured by publications (per 100 scientific staff)		61.1	73
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		14.6	15.8	Percentage of permanent scientists and contractual researchers to overall staff		71.5	73.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		1.3	1.7	Percentage of overall budget spent on R&D and S&T		36	40
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.1	0.3	R&D expenditure on green technologies (per Rs. 10 crore spent)		0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)		2.8	6.3	Does your organisation have procedures in place for sustainable sourcing of materials?		Yes	Yes
Increase in women staff enaged in R&D (per 100 scientific staff)		0	6.3	Does your organisation have procedures in place to safely reclaim waste? - E-Waste		Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes	Yes
Has your organisation set up a Section 8 company to support startups?		No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		No	No
Training (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		Yes	Yes
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		No	No
Research support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes	Yes
Mentorship (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes	Yes
Other forms of support (per Rs. 10 crore spent)		0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Does your organisation have necessary ethics guidelines and policies in place?		Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		33.3	38.7	Does your organisation have a public grievance redressal cell?		Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)		25	24.3	Does your organisation have national accreditation/ certification for its lab procedure?		No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		48.1	88.3	Does your organisation have international accreditation/ certification for its lab procedure?		No	No
Number of skill development programmes conducted (per 100 scientific staff)		32.4	36	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		0	0.9
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		38	39.6	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)		129.6	101.8
Number of national awards and fellowships (per 100 scientific staff)		0	2.7	Are your organisation's R&D facilities available on the I-STEM national portal?		Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		163	149	Is your organisation's website differently-abled friendly?		No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		9303.7	6691.9	Percentage of young scientists in scientific staff		69.5	71.2
Percentage of publications in top 10% of journals		12.5	9.1	Percentage of women scientists in scientific staff		32	33.1
Number of national and international recognitions (per 100 scientific staff)		0	0	Are the facilities at your organisation differently-abled friendly?		Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)		0	0	Percentage of the total budget spent on training and skill up-gradation		0.1	0.2
Number of IPRs filed (per Rs. 10 crore spent)		0.2	1	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)		0.6	0.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Parent ministry and department		0	0
Number of non-worked patents (per Rs. 10 crore spent)		0.2	1	Capacity Building Commission (CBC)		0.3	0.9
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0.1	0	International bodies		0.7	0.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0	Others		0.7	1.2
Number of new products/services introduced (per Rs. 10 crore spent)		0.1	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		0.9	29.7
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		11.1	39.6
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.6	0.5				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0.4	0.2				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

CSIR-National Metallurgical Laboratory

Ministry/Department/Organisation:	Council for Scientific and Industrial Research					
Location	Jharkhand				2021-22	2022-23
Year of establishment	1950				282	272
Type of R&D performed	Applied R&D, Services R&D				Total staff at the Lab	
					Staff engaged in R&D	144
					Total Budget of the institution (Rs. Crores)	66.93
						72.63
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.1	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.1	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	113.2	125.8		Number of international academic collaborations measured by publications (per 100 scientific staff)	13.9	12.9
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	6.3	0.6
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.7	1.3
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.4	3.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	54.2	52.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1.4	0.6		Percentage of permanent scientists and contractual researchers to overall staff	51.1	57
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	211.7	93.8		Percentage of overall budget spent on R&D and S&T	7	8.9
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.9	0.6		R&D expenditure on green technologies (per Rs. 10 crore spent)	18.2	41.3
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.4	0.6		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0.6		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	1.4	3.9		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	984	439.4		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	19.4	67.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0.7	0.6
Number of skill development programmes conducted (per 100 scientific staff)	16	9		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	39.6	11.6
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0.7	0.6		Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	68	65		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	76.4	125.8		Percentage of young scientists in scientific staff	77.8	69.7
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	847.9	341.9		Percentage of women scientists in scientific staff	20	27.5
Percentage of publications in top 10% of journals	20	24.7		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0.7	1.3		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.9	1.8		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.6	2.5		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.6	2.5		Parent ministry and department	0	0
				Capacity Building Commission (CBC)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0.7	0.1		International bodies	0	0
Number of non-worked patents (per Rs. 10 crore spent)	28.5	15		Others	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	5.4	5.5		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	32.6	73.5
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.7	0.1		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.3	9.7
Number of new products/services introduced (per Rs. 10 crore spent)	0	0				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.6	2.9				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.6				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.6	2.9				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.7	0.6				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
				1st Quartile	2nd Quartile	3rd Quartile
				4th Quartile		



CSIR-National Institute of Science Communication and Policy Research

Ministry/Department/Organisation:

Council for Scientific and Industrial Research

Location

Delhi

Year of establishment

2021

2021-22

2022-23

Type of R&D performed

Services R&D

Total staff at the Lab

162

142

Staff engaged in R&D

67

86

Total Budget of the institution (Rs. Crores)

79.33

113.37

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

32.8

39.5

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes

Individuals,
Industry,
Government
Departments

Individuals,
Industry,
Government
Departments

Number of research staff appointed to government or national committees (per 100 scientific staff)

4.5

3.5

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

9.3

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

6

19.8

Number of national collaborative projects with industry (per 100 scientific staff)

7.5

5.8

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

378.2

284.5

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

3

2.3

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.9

0.2

Number of national academic collaborations measured by publications (per 100 scientific staff)

80.6

26.7

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0.3

Percentage of permanent scientists and contractual researchers to overall staff

52.1

63.3

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

15.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

15.9

12.3

Increase in women staff engaged in R&D (per 100 scientific staff)

0

15.1

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

2.2

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of trainings imparted by lab (per 100 scientific staff)

3

7

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of skill development programmes conducted (per 100 scientific staff)

3

7

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

7.5

8.1

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

2.3

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of publications in quality peer reviewed journals (per 100 scientific staff)

113

103

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of national and international recognitions (per 100 scientific staff)

0

1.2

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

53.4

66.3

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

28

29.2

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

3.4

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.2

Capacity Building Commission (CBC)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

14.9

11.6

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

25.4

19.8

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0





सत्यमेव जयते

DEPARTMENT OF BIOTECHNOLOGY

Ministry of Science & Technology

Government of India

Institute of Bioresources and Sustainable Development

Ministry/Department/Organisation:	Department of Biotechnology					
Location	Manipur				2021-22	2022-23
Year of establishment	2001			Total staff at the Lab	317	323
				Staff engaged in R&D	70	77
Type of R&D performed	Basic R&D			Total Budget of the institution (Rs. Crores)	19.61	20.87
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.7	6.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	5.7	6.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	98.6	105.2		Number of national collaborative projects with industry (per 100 scientific staff)	1.4	2.6
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	331.5	1078.1		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	50	144.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	45.9	73.8		Number of national academic collaborations measured by publications (per 100 scientific staff)	50	144.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	20.4	26.4		Percentage of permanent scientists and contractual researchers to overall staff	22.1	23.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	52.9	55.8		Percentage of overall budget spent on R&D and S&T	100	100
Increase in women staff engaged in R&D (per 100 scientific staff)	38.6	55.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.5	1
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	1.5	3.4		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	25.7	39		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	11.4	19.5		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	1.4	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	61	77		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	7.1	16.9
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1.4	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	32.9	51.9
Percentage of publications in top 10% of journals	1.4	0		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	3.1	3.8		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	60	65
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	92	92
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.5	1		Percentage of the total budget spent on training and skill up-gradation	7	10
Number of new products/services introduced (per Rs. 10 crore spent)	0.5	1.4		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.6		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	65	68
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.2	4.2		Capacity Building Commission (CBC)	10	15
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	15	25
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	10	7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	54.3	97.4
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	25.7	22.1

National Institute of Biomedical Genomics

Ministry/Department/Organisation:	Department of Biotechnology				
Location	West Bengal			2021-22	2022-23
Year of establishment	2009			113	119
Type of R&D performed	Basic R&D			97	103
Indicator	2021-22	2022-23		30.75	37
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1	3.9			
Number of projects executed (per 100 scientific staff)	42.3	42.7			
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	9.3	13.6			
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	2.3	13.8			
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.3			
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0			
Increase in number of staff engaged in R&D (per 100 scientific staff)	7.2	-1			
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.1	-1			
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0			
Has your organisation set up a Section 8 company to support startups?	No	No			
Number of startups supported through:					
Training (per Rs. 10 crore spent)	0	0			
Consultancy services (per Rs. 10 crore spent)	0	0			
Research support (per Rs. 10 crore spent)	0	0			
Mentorship (per Rs. 10 crore spent)	0	0			
Other forms of support (per Rs. 10 crore spent)	0	0			
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0			
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	9.3	12.6			
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	26.8	32			
Number of national awards and fellowships (per 100 scientific staff)	1	0			
Number of international awards and fellowships (per 100 scientific staff)	0	0			
Number of publications in quality peer reviewed journals (per 100 scientific staff)	54	44			
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0			
Percentage of publications in top 10% of journals	0	0			
Number of IPRs filed (per Rs. 10 crore spent)	0	0			
Number of IPRs granted (per Rs. 10 crore spent)	0	0			
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0			
Number of non-worked patents (per Rs. 10 crore spent)	0	0			
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.3	0.3			
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0			
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.3			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.4			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	9.7	4.3			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.1			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Indicator	2021-22	2022-23			
Number of international collaborative projects with industry (per 100 scientific staff)	0	0			
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.1	3.9			
Number of international academic collaborations measured by publications (per 100 scientific staff)	17.5	17.5			
Number of national collaborative projects with industry (per 100 scientific staff)	1	1			
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	26.8	25.2			
Number of national academic collaborations measured by publications (per 100 scientific staff)	26.8	25.2			
Percentage of permanent scientists and contractual researchers to overall staff	13.3	14.2			
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	67.4	74.6			
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes			
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No			
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes			
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes			
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes			
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes			
Does your organisation have a public grievance redressal cell?	No	No			
Does your organisation have national accreditation/ certification for its lab procedure?	No	No			
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes			
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	4.1	2.9			
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	107.2	131.1			
Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes			
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes			
Is your organisation's website differently-abled friendly?	No	No			
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No			
Percentage of young scientists in scientific staff	76.3	75.7			
Percentage of women scientists in scientific staff	53.9	50.1			
Are the facilities at your organisation differently-abled friendly?	Yes	Yes			
Percentage of the total budget spent on training and skill up-gradation	0	0			
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes			
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes			
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by					
Parent ministry and department	0	0			
Capacity Building Commission (CBC)	0	0			
International bodies	0	0			
Others	0	0			
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1	14.6			
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	10.7			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Brain Research Centre

Ministry/Department/Organisation:		Department of Biotechnology				
Location		Haryana				
Year of establishment		1999		Total staff at the Lab	2021-22	2022-23
				Staff engaged in R&D	62	58
Type of R&D performed		Basic R&D		Total Budget of the institution (Rs. Crores)	29.25	37.4
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	37.1	36.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.2	3.4
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	3.2	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	17.7	19
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	17.7	19
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.3		Percentage of permanent scientists and contractual researchers to overall staff	60.2	58.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	8.1	-6.9		Percentage of overall budget spent on R&D and S&T	72	76
Increase in women staff engaged in R&D (per 100 scientific staff)	3.2	-6.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	24.2	32.8		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	27.4	44.8		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	9.7	3.4		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	1.6	1.7		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	124	84		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1.6	1.7		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	154.8	169
Percentage of publications in top 10% of journals	1.6	1.7		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0.3		Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.3		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	17.5	15.2
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	29.1	28.3
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	5	3
Number of new products/services introduced (per Rs. 10 crore spent)	0.7	0.5		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	203.7	175.1		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.1		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.2	34.5
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.2	55.2

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Regional Centre for Biotechnology

Ministry/Department/Organisation:

Department of Biotechnology

Location

Haryana

Year of establishment

2009

Total staff at the Lab

2021-22

2022-23

Type of R&D performed

Basic R&D

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

152

144

48.38

52.45

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

3.9

2.8

Number of international collaborative projects with industry (per 100 scientific staff)

13.8

18.1

Number of projects executed (per 100 scientific staff)

52.6

50

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

26.3

35.4

Beneficiaries of organisation's programmes

Individuals, Industry, Government Departments

Individuals, Industry, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

34.9

21.5

Number of international academic collaborations measured by publications (per 100 scientific staff)

8.6

2.8

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

506.2

1431.8

Number of national collaborative projects with industry (per 100 scientific staff)

2.6

2.8

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1

1.1

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

50.7

54.2

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.6

Number of national academic collaborations measured by publications (per 100 scientific staff)

50.7

54.2

Increase in number of staff engaged in R&D (per 100 scientific staff)

5.3

1.4

Percentage of permanent scientists and contractual researchers to overall staff

67.3

66.1

Increase in women staff engaged in R&D (per 100 scientific staff)

3.3

1.4

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

100

100

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

3.3

4.4

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Research support (per Rs. 10 crore spent)

3.3

1.3

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Mentorship (per Rs. 10 crore spent)

3.7

1.3

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

3.3

1.3

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

3.1

4

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

1

1.1

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

9.9

8.3

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

16.4

22.9

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

5.9

6.9

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0.7

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

56

56

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

0.7

0

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

13.8

18.8

Percentage of publications in top 10% of journals

0.7

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

830.3

852.8

Number of IPRs filed (per Rs. 10 crore spent)

0.6

0

Are your organisation's R&D facilities available on the I-STBM national portal?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

87.3

83.5

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

47.8

51.2

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

11

12

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.3

0.3

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.7

0.6

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

32.6

27.1

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.2

0.2

International bodies

7

19

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Others

6

24

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

6.6

18.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.6

2.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Institute of Life Sciences

Ministry/Department/Organisation:		Department of Biotechnology			
Location		Odisha		2021-22	2022-23
Year of establishment		1987		138	145
Type of R&D performed		Basic R&D		Total staff at the Lab	
				Staff engaged in R&D	
				Total Budget of the institution (Rs. Crores)	
				92	100
				106.75	64.97
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.2	6	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	48.9	24	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	13	11
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1521.7	1719	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	74.9	230.9	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	10.9	7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.8	Number of national academic collaborations measured by publications (per 100 scientific staff)	10.9	7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	68.4	71.9
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	9	Percentage of overall budget spent on R&D and S&T	64	78
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.3	9	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.8	4.3	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	1.6	4	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.8	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	10.9	25	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	67.4	53	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	2.2	2	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	76	77	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	26
Percentage of publications in top 10% of journals	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.3	0.9	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.1	0.5	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.5	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	15.9	19.2
Number of non-worked patents (per Rs. 10 crore spent)	0.9	1.8	Percentage of women scientists in scientific staff	24.8	37.6
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.2	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	1	1
Number of new products/services introduced (per Rs. 10 crore spent)	0	0.9	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.2	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	29.3	91
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12	33

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Centre for Cell Science

Ministry/Department/Organisation:	Department of Biotechnology				
Location	Maharashtra			2021-22	2022-23
Year of establishment	1988			324	276
			Total staff at the Lab		
			Staff engaged in R&D	188	142
			Total Budget of the institution (Rs. Crores)	48.25	70.6
Type of R&D performed	Basic R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.3	4.9	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	42	45.8	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.1	4.9
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	21.8	23.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0.5	0.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	16.8	25.5	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	27.7	39.4
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	8.7	11.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	27.7	39.4
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.1	Percentage of permanent scientists and contractual researchers to overall staff	63.7	58
Increase in number of staff engaged in R&D (per 100 scientific staff)	2.1	-16.2	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	16	34
Increase in women staff engaged in R&D (per 100 scientific staff)	6.9	-16.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No			
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	16.5	59.9	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	23.9	57.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	67	82	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.1	1.4	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	12.8	52.8
Percentage of publications in top 10% of journals	0	0	Are your organisation's R&D facilities available on the I-ST&M national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.9	0.6	Does your organisation's website follow all security protocols as mandated by the Government of India?	No	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.6	0.4	Is your organisation's website differently-abled friendly?	No	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.6	0.4	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	54.5	47.8
Number of non-worked patents (per Rs. 10 crore spent)	2.5	1	Percentage of women scientists in scientific staff	36.2	34
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.8	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	Parent ministry and department	0.5	0.7
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.9	0.4	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	0.5	9.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.9	16.9
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.2	9.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Institute for Stem Cell Science and Regenerative Medicine

Ministry/Department/Organisation:	Department of Biotechnology				
Location	Karnataka			2021-22	2022-23
Year of establishment	2009		Total staff at the Lab	133	123
Type of R&D performed	Basic R&D		Staff engaged in R&D	53	45
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)	39.64	59.38
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	11.1	Number of international collaborative projects with industry (per 100 scientific staff)	11.3	8.9
Number of projects executed (per 100 scientific staff)	141.5	133.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	24.5	22.2
Beneficiaries of organisations' programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	81.1	80
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	5.7	2.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	115	81.3	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	18.9	26.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	0.7	Number of national academic collaborations measured by publications (per 100 scientific staff)	18.9	26.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.3	Percentage of permanent scientists and contractual researchers to overall staff	52	42.9
Increase in number of staff engaged in R&D (per 100 scientific staff)	-17	-11.1	Percentage of overall budget spent on R&D and S&T	46.5	43.5
Increase in women staff engaged in R&D (per 100 scientific staff)	-15.1	-11.1	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0.2	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.2	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0.2	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	17	20	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	66	104.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	1.9	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	1.9	2.2	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	164	171	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	13.2	37.8
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1.9	2.2	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	160.4	268.9
Percentage of publications in top 10% of journals	1.9	2.2	Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.3	1.9	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.2	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.5	0.2	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.2	Percentage of young scientists in scientific staff	32.8	37.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	39.3	32.2
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.2	Percentage of the total budget spent on training and skill up-gradation	1.7	2.5
Number of new products/services introduced (per Rs. 10 crore spent)	0	0.8	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.7	1.8	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	1.3	0.2	International bodies	4.4	38.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.2	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.3	0.6	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.9	13.3
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.9	6.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Agri Food Biotechnology Institute

Ministry/Department/Organisation:	Department of Biotechnology			2021-22	2022-23	
Location	Punjab			57	84	
Year of establishment	2010		Total staff at the Lab			
Type of R&D performed	Applied R&D		Staff engaged in R&D	41	68	
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)	19.18	24	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0				
Number of projects executed (per 100 scientific staff)	56.1	27.9				
Beneficiaries of organisation's programmes	Individuals Industry	Individuals Industry				
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0				
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	14.1	22.5				
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.4				
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.4				
Increase in number of staff engaged in R&D (per 100 scientific staff)	29.3	27.9				
Increase in women staff engaged in R&D (per 100 scientific staff)	36.6	27.9				
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0				
Has your organisation set up a Section 8 company to support startups?	No	No				
Number of startups supported through:						
Training (per Rs. 10 crore spent)	0	0				
Consultancy services (per Rs. 10 crore spent)	0	0				
Research support (per Rs. 10 crore spent)	0	0				
Mentorship (per Rs. 10 crore spent)	0	0				
Other forms of support (per Rs. 10 crore spent)	0	0				
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0				
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0				
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0				
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	17.1	11.8				
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	65.9	79.4				
Number of national awards and fellowships (per 100 scientific staff)	0	0				
Number of international awards and fellowships (per 100 scientific staff)	9.8	0				
Number of publications in quality peer reviewed journals (per 100 scientific staff)	546	334				
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0				
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4390.2	3088.2				
Percentage of publications in top 10% of journals	2	2				
Number of IPRs filed (per Rs. 10 crore spent)	5.2	6.7				
Number of IPRs granted (per Rs. 10 crore spent)	0.5	1.7				
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.5	1.7				
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0				
Number of non-worked patents (per Rs. 10 crore spent)	0	0				
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0				
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.8				
Number of new products/services introduced (per Rs. 10 crore spent)	0	0				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	4.2	1.9				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0.1				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0.1				
Number of international collaborative projects with industry (per 100 scientific staff)	4.9	1.5				
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.4	0				
Number of international academic collaborations measured by publications (per 100 scientific staff)	24.4	17.6				
Number of national collaborative projects with industry (per 100 scientific staff)	7.3	1.5				
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	17.1	13.2				
Number of national academic collaborations measured by publications (per 100 scientific staff)	17.1	13.2				
Percentage of permanent scientists and contractual researchers to overall staff	42	57				
Percentage of overall budget spent on R&D and S&T	21.4	15.1				
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0				
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes				
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes				
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes				
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes				
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes				
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes				
Does your organisation have a public grievance redressal cell?	Yes	Yes				
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes				
Does your organisation have international accreditation/ certification for its lab procedure?	No	No				
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	7.3	7.4				
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	24.4	17.6				
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No				
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes				
Is your organisation's website differently-abled friendly?	Yes	Yes				
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No				
Percentage of young scientists in scientific staff	75.6	74.9				
Percentage of women scientists in scientific staff	38.7	48.1				
Are the facilities at your organisation differently-abled friendly?	Yes	Yes				
Percentage of the total budget spent on training and skill up-gradation	0.1	0.3				
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No				
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes				
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by						
Parent ministry and department	0	0				
Capacity Building Commission (CBC)	0	0				
International bodies	3	1				
Others	0	0				
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0				
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0				

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Animal Biotechnology

Ministry/Department/Organisation:	Department of Biotechnology				
Location	Telangana			2021-22	2022-23
Year of establishment	2011		Total staff at the Lab	71	99
Type of R&D performed	Applied R&D		Staff engaged in R&D	59	87
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)	28.8	34.17
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.1	1.1	Indicator	2021-22	2022-23
Number of projects executed (per 100 scientific staff)	96.6	59.8	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Industry, Government Departments	Industry, Government Departments	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.4	1.1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	18.6	16.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	118.8	126.1	Number of national collaborative projects with industry (per 100 scientific staff)	3.4	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1	1.2	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	32.2	21.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	32.2	21.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	6.8	17.2	Percentage of permanent scientists and contractual researchers to overall staff	78.7	82.9
Increase in women staff engaged in R&D (per 100 scientific staff)	3.4	17.2	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	13.4	13.6
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	1.7	1.1	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	76.3	50.6	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	64	75	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	44.1	25.4
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4367.8	3418.4	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	1571.2	1440.2
Percentage of publications in top 10% of journals	23	13.8	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1	1.8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.3	Percentage of young scientists in scientific staff	55.8	66
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	31.4	36
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1	0.6	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	4	1
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	8.9	1.6	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	1	2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	19	8
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	13.6	16.1
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.4	3.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Translational Health Science and Technology Institute

Ministry/Department/Organisation:	Department of Biotechnology					
Location	Haryana				2021-22	2022-23
Year of establishment	2009				Total staff at the Lab	258 263
Type of R&D performed	Basic R&D, Applied R&D				Staff engaged in R&D	84 88
					Total Budget of the institution (Rs. Crores)	42.85 72.85
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6	4.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6	4.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	1.1
Number of projects executed (per 100 scientific staff)	86.9	56.8		Number of international academic collaborations measured by publications (per 100 scientific staff)	10.7	13.6
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	2.4	4.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	19	17		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	36.9	25
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	4.4	0.5		Number of national academic collaborations measured by publications (per 100 scientific staff)	36.9	25
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.2	1.2		Percentage of permanent scientists and contractual researchers to overall staff	22.2	20.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.3		Percentage of overall budget spent on R&D and S&T	97.6	97.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	7.1	45.5		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff enaged in R&D (per 100 scientific staff)	8.3	45.5		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.5	0.3		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.5	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	8.3	5.7		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	22.6	63.6		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	1.2	1.1		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	87	110		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	20.2	12.5
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	14.3	19.3
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4403.6	6452.3		Are your organisation's R&D facilities available on the I-STBM national portal?	No	Yes
Percentage of publications in top 10% of journals	4	5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.2	1.1		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	1.2	0.4		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.2	0.4		Percentage of young scientists in scientific staff	14	11.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0.5	0.1		Percentage of women scientists in scientific staff	9.8	9.9
Number of non-worked patents (per Rs. 10 crore spent)	1.2	1.4		Are the facilities at your organisation differently-abled friendly?	No	No
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0.1		Percentage of the total budget spent on training and skill up-gradation	0.6	1.8
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.5	0.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	4.4	0.8		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commision (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	16	3.5		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	3.4	7.1		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.2	23.9
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.2	13.6
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile					Data submitted by the lab could not be validated	

Rajiv Gandhi Centre for Biotechnology

Ministry/Department/Organisation:	Department of Biotechnology					
Location	Kerala					
Year of establishment	1990			Total staff at the Lab	2021-22 287	2022-23 285
Type of R&D performed	Basic R&D, Applied R&D			Staff engaged in R&D	152	150
				Total Budget of the institution (Rs. Crores)	100	100
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	2.7		Number of international collaborative projects with industry (per 100 scientific staff)	3.3	3.3
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.7	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	11.8	12
Number of projects executed (per 100 scientific staff)	19.1	32.7		Number of international academic collaborations measured by publications (per 100 scientific staff)	16.4	16
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	3.3	3.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	18.4	18.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	10	10		Number of national academic collaborations measured by publications (per 100 scientific staff)	18.4	18.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.6	2.7		Percentage of permanent scientists and contractual researchers to overall staff	53	52.6
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of overall budget spent on R&D and S&T	80	81
Increase in number of staff engaged in R&D (per 100 scientific staff)	3.3	-14.7		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.2	0.2
Increase in women staff engaged in R&D (per 100 scientific staff)	3.3	-14.7		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	2.9	2.5		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:						
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.5	0.5		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	1	1		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	76.3	70.7		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	32.9	43.3		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	92	102		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	3.3	3.3
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	298.7	300		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	32.9	33.3
Percentage of publications in top 10% of journals	20	21		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.3		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.3	0.3		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	40.3	41.1
Number of non-worked patents (per Rs. 10 crore spent)	0.1	0.1		Percentage of women scientists in scientific staff	33	28.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0.1		Percentage of the total budget spent on training and skill up-gradation	2	2
Number of new products/services introduced (per Rs. 10 crore spent)	1	0.8		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1.2	1.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Parent ministry and department	5	5
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.4	1		Capacity Building Commission (CBC)	5	5
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	1	2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.3	1.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.3	1.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Plant Genome Research

Ministry/Department/Organisation:	Department of Biotechnology				2021-22	2022-23	
Location	Delhi				373	439	
Year of establishment	1998						
Type of R&D performed	Basic R&D, Applied R&D				Total staff at the Lab		
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.7	2.8		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2	0.9		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.4	4.7	
Number of projects executed (per 100 scientific staff)	61.9	39.3		Number of international academic collaborations measured by publications (per 100 scientific staff)	20.4	27	
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	22.4	14.7	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	22.4	14.7	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	15.2	14.2		Percentage of permanent scientists and contractual researchers to overall staff	61	74.6	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	6.6	3		Percentage of overall budget spent on R&D and S&T	95.9	97	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	29.3	19.4		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Increase in women staff engaged in R&D (per 100 scientific staff)	23.1	19.4		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	12.9	14.2		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	20.4	23.2		Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of national awards and fellowships (per 100 scientific staff)	5.4	3.8		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0.7	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	97	73		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	5.4	3.8	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1169.4	1090.5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Percentage of publications in top 10% of journals	15.5	18.7		Is your organisation's website differently-abled friendly?	No	No	
Number of IPRs filed (per Rs. 10 crore spent)	1.2	0.4		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0.7	0.6		Percentage of young scientists in scientific staff	97.5	98.3	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.7	0.5		Percentage of women scientists in scientific staff	43.3	49.3	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	3.2	3.2	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0.6		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Parent ministry and department	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	5.4	3.8	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	5.9	1.5		Others	8.2	8.5	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.8	4.7	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.4	4.3	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)							
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile				Data submitted by the lab could not be validated			



Centre for DNA Fingerprinting and Diagnostics

Ministry/Department/Organisation:	Department of Biotechnology				
Location	Telangana				
Year of establishment	1996		Total staff at the Lab	2021-22	2022-23
				180	178
			Staff engaged in R&D	94	92
			Total Budget of the institution (Rs. Crores)	46.06	50.25
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.6	6.5
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	2.2
Number of projects executed (per 100 scientific staff)	59.6 Individuals, NGOs, Government Departments	67.4 Individuals, NGOs, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.6	26.1
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	3.2	8.7
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	46	46.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	62	62.4
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	1	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	7.4	6.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	3.2	6.5	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	12.8	13	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	11.7	12
Number of skill development programmes conducted (per 100 scientific staff)	0	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	130.9	41.3
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	2.1	3.3	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	61	64	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Percentage of young scientists in scientific staff	70.2	67.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2268.1	2466.3	Percentage of women scientists in scientific staff	44.8	49.4
Percentage of publications in top 10% of journals	24	22.2	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.1	1.1
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.3	7.6
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.5			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.7	10.7			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
					Data submitted by the lab could not be validated

National Institute of Immunology

Ministry/Department/Organisation:	Department of Biotechnology					
Location	Delhi					
Year of establishment	1986			Total staff at the Lab	2021-22 305	2022-23 294
Type of R&D performed	Basic R&D, Applied R&D			Staff engaged in R&D	80	74
				Total Budget of the institution (Rs. Crores)	0	0
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs	7	18		Number of international collaborative projects with industry	1	1
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	7	18		Number of international collaborative projects with academic institutions and research labs	5	2
Number of projects executed	104	79		Number of international academic collaborations measured by publications	27	37
	Individuals, Government Departments, Industry	Individuals, Government Departments, Industry				
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry	1	1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	4	8		Number of national collaborative projects with academic institutions and research labs	34	25
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	60	65		Number of national academic collaborations measured by publications	79	39
Number of national programs (S&T symposia, conferences) organised by the lab	2	4		Percentage of permanent scientists and contractual researchers to overall staff	28	27.8
Number of international programs (S&T symposia, conferences) organised by the lab	1	0		Percentage of overall budget spent on R&D and S&T	83.67	87.22
Increase in number of staff engaged in R&D	-7	-8		R&D expenditure on green technologies	0	0
Increase in women staff engaged in R&D	-6	-5		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported	151	153		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	26	28
Number of spin-out companies generated	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded	26	28		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas	64	67		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships	1	1		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	133	97		Number of startups and firms lab has opened testing and research facilities to	3	0
Number of technology development/ design/ project reports commissioned	0	0		Number of outside researchers and students labs has opened testing and research facilities to	27	45
Number of citations received by papers published in the preceding three calendar years	4299	4054		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	10.14	11.11		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed	5	8		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted	3	7		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies	2	7		Percentage of young scientists in scientific staff	1.6	1.2
Number of IPRs licensed out	0	3		Percentage of women scientists in scientific staff	20.6	19.6
Number of non-worked patents	2	7		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to	2	1		Percentage of the total budget spent on training and skill up-gradation	1.22	1.01
Number of technologies transferred domestically and internationally	0	3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced	4	2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0.01		Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources	12.79	19.71		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources	0.22	1.16		Others	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	10	34
Total external research and development funding amount received from other non-government sources	1.04	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	5	22

Responses could not be scaled. Data presented unscaled



It BYZM5P is 35 and 6YZ388 is 15, one is in the K
model haploTYPE for G shown above.

It BYZM5P is 35 and 6YZ388 is 15, one is in the K
model haploTYPE for G shown above.

It BYZM5P is 35 and 6YZ388 is 15, one is in the K
model haploTYPE for G shown above.

It BYZM5P is 35 and 6YZ388 is 15, one is in the K
model haploTYPE for G shown above.

It BYZM5P is 35 and 6YZ388 is 15, one is in the K
model haploTYPE for G shown above.





Indian Institute of Geomagnetism

Ministry/Department/Organisation:			Department of Science & Technology			
Location			Maharashtra		2021-22	2022-23
Year of establishment			1971		193	194
Type of R&D performed			Basic R&D		Total staff at the Lab	
Indicator			2021-22	2022-23	Staff engaged in R&D	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			2.6	2.6	Total Budget of the institution (Rs. Crores)	68.15
Number of projects executed (per 100 scientific staff)			9.1	9		66.84
Beneficiaries of organisation's programmes			Government Departments	Government Departments		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)			0	0		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0.3	0.1		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0.1	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)			2.6	-1.3		
Increase in women staff engaged in R&D (per 100 scientific staff)			2.6	-1.3		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			0	0		
Has your organisation set up a Section 8 company to support startups?			No	No		
Number of startups supported through:						
Training (per Rs. 10 crore spent)			0	0		
Consultancy services (per Rs. 10 crore spent)			0	0		
Research support (per Rs. 10 crore spent)			0	0		
Mentorship (per Rs. 10 crore spent)			0	0		
Other forms of support (per Rs. 10 crore spent)			0	0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)			0	0		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			1.3	6.4		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			0	16.7		
Number of national awards and fellowships (per 100 scientific staff)			0	0		
Number of international awards and fellowships (per 100 scientific staff)			0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)			71	74		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			444.2	255.1		
Percentage of publications in top 10% of journals			7.3	13.8		
Number of IPRs filed (per Rs. 10 crore spent)			0	0		
Number of IPRs granted (per Rs. 10 crore spent)			0	0		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			0	0		
Number of IPRs licensed out (per Rs. 10 crore spent)			0	0		
Number of non-worked patents (per Rs. 10 crore spent)			0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			0	0		
Number of new products/services introduced (per Rs. 10 crore spent)			0.3	0.4		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0	0		
Indicator			2021-22	2022-23		
Number of international collaborative projects with industry (per 100 scientific staff)			0	0		
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)			1.3	1.3		
Number of international academic collaborations measured by publications (per 100 scientific staff)			20.8	26.9		
Number of national collaborative projects with industry (per 100 scientific staff)			0	0		
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)			14.3	14.1		
Number of national academic collaborations measured by publications (per 100 scientific staff)			14.3	14.1		
Percentage of permanent scientists and contractual researchers to overall staff			41	42		
Percentage of overall budget spent on R&D and S&T			32.6	31.9		
R&D expenditure on green technologies (per Rs. 10 crore spent)			0	0		
Does your organisation have procedures in place for sustainable sourcing of materials?			Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - E-Waste			Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste			No	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)			Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste			No	No		
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste			No	No		
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste			No	No		
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste			Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Other Waste			No	No		
Does your organisation have initiatives in place to promote intra-organisational collaborations?			Yes	Yes		
Has your organisation adopted any digital technologies that would enhance R&D activities?			Yes	Yes		
Does your organisation have necessary ethics guidelines and policies in place?			Yes	Yes		
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?			Yes	Yes		
Does your organisation have a public grievance redressal cell?			Yes	Yes		
Does your organisation have national accreditation/ certification for its lab procedure?			No	No		
Does your organisation have international accreditation/ certification for its lab procedure?			No	No		
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)			0	0		
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)			5.2	14.1		
Are your organisation's R&D facilities available on the I-STBM national portal?			No	No		
Does your organisation's website follow all security protocols as mandated by the Government of India?			Yes	Yes		
Is your organisation's website differently-abled friendly?			No	No		
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?			No	No		
Percentage of young scientists in scientific staff			14	14		
Percentage of women scientists in scientific staff			19	19		
Are the facilities at your organisation differently-abled friendly?			Yes	Yes		
Percentage of the total budget spent on training and skill up-gradation			0	0		
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?			Yes	Yes		
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?			Yes	Yes		
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by						
Parent ministry and department			0	0		
Capacity Building Commission (CBC)			0	0		
International bodies			0	0		
Others			0	0		
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)			10.4	16.7		
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)			5.2	7.7		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Innovation Foundation

Ministry/Department/Organisation: Location	Department of Science & Technology					
Year of establishment	Gujarat	2000		Total staff at the Lab	2021-22 120	2022-23 110
Type of R&D performed	Basic R&D			Staff engaged in R&D	86	78
				Total Budget of the institution (Rs. Crores)	23	12.88
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	1.3		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	34.9	28.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments				
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship, and innovation trainings organised by the lab (per Rs. 10 crore spent)	434.8	1164.6		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	15.1	26.9
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.9	2.3		Number of national academic collaborations measured by publications (per 100 scientific staff)	15.1	26.9
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	1.6		Percentage of permanent scientists and contractual researchers to overall staff	48	49.4
Increase in number of staff engaged in R&D (per 100 scientific staff)	-19.8	-12.8		Percentage of overall budget spent on R&D and S&T	63.4	69.7
Increase in women staff engaged in R&D (per 100 scientific staff)	-7	-12.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	10.4	20.2		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:						
Training (per Rs. 10 crore spent)	10.4	20.2		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Research support (per Rs. 10 crore spent)	10.4	20.2		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	10.4	20.2		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	5.1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	5	8		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	46.5	59		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	27.9	33.3
Percentage of publications in top 10% of journals	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	9
Number of IPRs filed (per Rs. 10 crore spent)	27.4	62.9		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	57	93.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.9	6.2		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	1.7	0.8		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	52.6	85.4		Percentage of young scientists in scientific staff	80.2	78.4
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1.7	3.1		Percentage of women scientists in scientific staff	38.5	30.7
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.7	0.8		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.9	3.1		Percentage of the total budget spent on training and skill up-gradation	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	1.3
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile
			Data submitted by the lab could not be validated			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Bose Institute

Ministry/Department/Organisation:
Location
Year of establishment

Department of Science & Technology
West Bengal
1917

Total staff at the Lab

2021-22
273

2022-23
269

Staff engaged in R&D

207

203

Total Budget of the institution (Rs. Crores)

123.6

151.3

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

5.3

4.9

Number of projects executed (per 100 scientific staff)

20.8

12.8

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

1.9

3

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

0.6

0.5

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1.1

1.7

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.1

Increase in number of staff engaged in R&D (per 100 scientific staff)

-23.7

-0.5

Increase in women staff engaged in R&D (per 100 scientific staff)

-12.1

-0.5

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

15

14.3

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

114

112

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1622.2

1686.2

Percentage of publications in top 10% of journals

15

22

Number of IPRs filed (per Rs. 10 crore spent)

0.1

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0.1

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.6

0.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

4.3

5.9

Number of international academic collaborations measured by publications (per 100 scientific staff)

34.8

39.4

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.4

1.5

Number of national academic collaborations measured by publications (per 100 scientific staff)

1.4

1.5

Percentage of permanent scientists and contractual researchers to overall staff

45

44

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

19.1

15.3

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

24.2

69

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

No

No

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

64

70

Percentage of women scientists in scientific staff

39.4

37.4

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

4.3

20.7

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

4.9

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Birbal Sahni Institute of Palaeosciences

Ministry/Department/Organisation:	Department of Science & Technology						
Location	Uttar Pradesh					2021-22	2022-23
Year of establishment	1946				Total staff at the Lab	256	244
Type of R&D performed	Basic R&D				Staff engaged in R&D	155	141
					Total Budget of the institution (Rs. Crores)	84.18	92.32
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	10.3	18.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0.7	
Beneficiaries of organisation's programmes	Industry, Government Departments	Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	28.4	25.5	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	1.3	0.7	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.6	0.7	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.4		Number of national academic collaborations measured by publications (per 100 scientific staff)	0.6	0.7	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0		Percentage of permanent scientists and contractual researchers to overall staff	47	45.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	12.9	-5.7		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	52.9	46.8	
Increase in women staff engaged in R&D (per 100 scientific staff)	1.9	-5.7		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	1.9	7.8		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	89		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	640	1117.7		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Percentage of publications in top 10% of journals	38.7	36		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	79	75.1	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	41.5	41.6	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.4		Parent ministry and department	0	0	
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.3		Capacity Building Commission (CBC)	0	0	
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	0.3		Others	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.5	5.7	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.3	5	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Aryabhatta Research Institute of Observational Sciences

Ministry/Department/Organisation:	Department of Science & Technology				
Location	Uttarakhand			2021-22	2022-23
Year of establishment	2004			159	172
				Staff engaged in R&D	99
				Total Budget of the institution (Rs. Crores)	35.74
					48.81
Type of R&D performed	Basic R&D				
Indicator	2021-22	2022-23		Indicator	2021-22
					2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	18.2	16.2		Number of international collaborative projects withindustry (per 100 scientific staff)	6.1
					5.4
Number of projects executed (per 100 scientific staff)	10.1	18		Number of international collaborative projects withacademic institutions and research labs (per 100 scientific staff)	8.1
					6.3
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	97
					70.3
Beneficiaries of organisation's programmes				Number of national collaborative projects withindustry (per 100 scientific staff)	1
					0.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects withacademic institutions and research labs (per 100 scientific staff)	7.1
					6.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	146.9	114.3		Number of national academic collaborations measured by publications (per 100 scientific staff)	7.1
					6.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.6	0.6		Percentage of permanent scientists and contractual researchers to overall staff	64
					65
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2		Percentage of overall budget spent on R&D and S&T	28
					31
Increase in number of staff engaged in R&D (per 100 scientific staff)	5.1	1.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0
					0
Increase in women staff enaged in R&D (per 100 scientific staff)	4	1.8		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes
					Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes
					Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
					Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
					Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
					Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes
					Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
					Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
					Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes
					Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
					Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
					Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes
					Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	6.1	9		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
					Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	7.1	6.3		Does your organisation have a public grievance redressal cell?	Yes
					Yes
Number of national awards and fellowships (per 100 scientific staff)	1	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes
					Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	Yes
					Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	134	114		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	2
					1.8
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	9.1
					11.7
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1070.7	1064		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes
					Yes
Percentage of publications in top 10% of journals	38.7	36		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
					Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes
					Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
					No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	82.9
					84.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	27.2
					25.4
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes
					Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.1
					1.7
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No
					No
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
					Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	19
					8
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0		Capacity Building Commision (CBC)	2
					7
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	8
					13
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	19
					7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	34.3
					35.1
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.1
					9.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

North East Centre for Technology Application and Reach

Ministry/Department/Organisation:	Department of Science & Technology				
Location	Meghalaya			2021-22	2022-23
Year of establishment	2012			41	47
			Total staff at the Lab	17	28
			Staff engaged in R&D	13	14.66
Type of R&D performed	Basic R&D		Total Budget of the institution (Rs. Crores)		
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	35.3	117.9	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	52.9	78.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0	28.6
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	153.8	1158.3	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.9	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.5	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	5.9	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	41.5	59.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	-17.6	10.7	Percentage of overall budget spent on R&D and S&T	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	-17.6	10.7	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.8	2.7	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.8	4.1	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	1.4	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.7	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	6	4	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	5	5
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.2	2.1	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Raman Research Institute

Ministry/Department/Organisation:	Department of Science & Technology				2021-22	2022-23	
Location	Karnataka				225	231	
Year of establishment	1948				Total staff at the Lab		
					Staff engaged in R&D	152	160
					Total Budget of the institution (Rs. Crores)	67.02	74.32
Type of R&D performed	Basic R&D						
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	2.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	7.9	6.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.3	1.3	
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	36.8	38.8	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	3.9	10.2		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.6	3.1	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	4.6	3.1	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of permanent scientists and contractual researchers to overall staff	63.6	66.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	3.9	3.1		Percentage of overall budget spent on R&D and S&T	83.8	83.3	
Increase in women staff engaged in R&D (per 100 scientific staff)	2	3.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0.1		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	5.3	6.3		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	17.1	31.9		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	77	91		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	419.1	354.4		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	11.2	13.1	
Percentage of publications in top 10% of journals	1.7	0.7		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0.3	0.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0	0.3		Is your organisation's website differently-abled friendly?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.3		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	77.4	80.2	
Number of non-worked patents (per Rs. 10 crore spent)	2.7	2.4		Percentage of women scientists in scientific staff	25.8	27.8	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.1	0.1		Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.4	11.3	
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.2	5.6	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Centre for Nano and Soft Matter Sciences

Ministry/Department/Organisation:	Department of Science & Technology				2021-22	2022-23	
Location	Karnataka				146	140	
Year of establishment	1991				87	85	
Type of R&D performed	Basic R&D				17.55	13.59	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.6	4.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	26.4	38.8		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	2.4	
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	5.7	2.4	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship and outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	13.8	17.6	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	2.4	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	8.5	16.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	2.4	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	72.5	72.6	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-3.4	-2.4		Percentage of overall budget spent on R&D and S&T	55	86	
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.4	-2.4		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.6	2.2	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0.6	0.7		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Research support (per Rs. 10 crore spent)	0.6	0.7		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Other forms of support (per Rs. 10 crore spent)	4.6	13.2		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	1.1	1.5		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.4	14.1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	8	24.7		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	1.1	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	69	56		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	13.8	28.2	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2932.2	2969.4		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	131	187.1	
Percentage of publications in top 10% of journals	25	17		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	3.4	2.9		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	1.1	2.2		Is your organisation's website differently-abled friendly?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.1	1.5		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	78.8	76	
Number of non-worked patents (per Rs. 10 crore spent)	1.1	2.2		Percentage of women scientists in scientific staff	34.3	33	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	No	No	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.9	0.8		Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	1.2	0.3		International bodies	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	24.1	24.7	
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.6	5.9	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

S N Bose National Centre for Basic Sciences

Ministry/Department/Organisation: Location		Department of Science & Technology				
Year of establishment		West Bengal	1986	Total staff at the Lab	2021-22 348	2022-23 368
Type of R&D performed	Basic R&D			Staff engaged in R&D	289	310
				Total Budget of the institution (Rs. Crores)	42.97	49.84
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1	4.8		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	21.8	22.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	34.6	39.4
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	17.3	18.7
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	1.4	1.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	3.5	4.8		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	65.7	57.4
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	59.6	55.8		Number of national academic collaborations measured by publications (per 100 scientific staff)	65.7	57.4
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	15.1	17.5		Percentage of permanent scientists and contractual researchers to overall staff	81	82
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0.2		Percentage of overall budget spent on R&D and S&T	30	24.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	15.6	2.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.2	0.2
Increase in women staff engaged in R&D (per 100 scientific staff)	3.5	2.9		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0.9	0.8		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.7	0.6		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.9	0.8		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	10.5	10		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	17.6	19		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	88.6	89.7		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0.3		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	2.8	2.6
Number of publications in quality peer reviewed journals (per 100 scientific staff)	79	78		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	13.8	12.9
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2466.1	2269		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	38.7	36		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0.9	1.2		Percentage of young scientists in scientific staff	87.9	90
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.9	1		Percentage of women scientists in scientific staff	21.4	22.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0.2	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	10	10
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.9	0.6		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.5	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.7	0.7		Others	27	99
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.9	23.9
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.8	8.7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

International Advanced Research Centre for Powder Metallurgy and New Materials

Ministry/Department/Organisation: Location		Department of Science & Technology				
Year of establishment		Telangana	1996	Total staff at the Lab	2021-22	2022-23
					200	210
Type of R&D performed		Applied R&D		Staff engaged in R&D	156	167
				Total Budget of the institution (Rs. Crores)	73.94	57.61
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	13.5	13.2		Number of international collaborative projects withindustry (per 100 scientific staff)	1.3	1.2
				Number of international collaborative projects withacademic institutions and research labs (per 100 scientific staff)	1.3	1.8
Number of projects executed (per 100 scientific staff)	43.6	34.7		Number of international academic collaborations measured by publications (per 100 scientific staff)	14.1	8.4
Beneficiaries of organisation's programmes				Number of national collaborative projects withindustry (per 100 scientific staff)	14.1	9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	118.6	3447.9		Number of national collaborative projects withacademic institutions and research labs (per 100 scientific staff)	21.2	16.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	36.5	34.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	21.2	16.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.3		Percentage of permanent scientists and contractual researchers to overall staff	59.3	61.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0		Percentage of overall budget spent on R&D and S&T	18.6	48.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	2.1	1.6
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	1.1	7.8		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	1.1	0.7		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	1.1	0.7		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	20.3	52.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.3	0.5		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	9.6	4.2		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	53.2	77.2		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	89	81		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	3.8	9.6
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	66	80.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4453.8	3561.7		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	3.6	3.7		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.9	1.6		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	2.3	2.6		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.1	2.1		Percentage of young scientists in scientific staff	98.3	92.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0.5	0.2		Percentage of women scientists in scientific staff	43	37
Number of non-worked patents (per Rs. 10 crore spent)	2.3	2.3		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.5	1.2		Percentage of the total budget spent on training and skill up-gradation	0.1	0.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.1	0.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.8	0.9		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.5		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.1		Parent ministry and department	6.6	4.3
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	6.8	2.8		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.2		Others	2	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.1	31.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.7	12

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Wadia institute of Himalayan Geology

Ministry/Department/Organisation:		Department of Science & Technology			
Location		Uttarakhand		2021-22	2022-23
Year of establishment		1968		136	160
Type of R&D performed		Applied R&D		Total staff at the Lab	
Indicator		2021-22	2022-23	Staff engaged in R&D	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0	Total Budget of the institution (Rs. Crores)	
Number of projects executed (per 100 scientific staff)		55.2	66.2		
Beneficiaries of organisation's programmes		Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	Number of international collaborative projects with industry (per 100 scientific staff)	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		73.8	73.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.3	0.5	Number of international academic collaborations measured by publications (per 100 scientific staff)	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of national collaborative projects with industry (per 100 scientific staff)	
Increase in number of staff engaged in R&D (per 100 scientific staff)		-17.2	-1.5	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	
Increase in women staff engaged in R&D (per 100 scientific staff)		-10.3	-1.5	Number of national academic collaborations measured by publications (per 100 scientific staff)	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Percentage of permanent scientists and contractual researchers to overall staff	
Has your organisation set up a Section 8 company to support startups?		No	No	Percentage of overall budget spent on R&D and S&T	
Number of startups supported through:				R&D expenditure on green technologies (per Rs. 10 crore spent)	
Training (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	
Research support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	
Mentorship (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	
Other forms of support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		20.7	20	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0	7.7	Does your organisation have initiatives in place to promote intra-organisational collaborations?	
Number of national awards and fellowships (per 100 scientific staff)		3.4	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have necessary ethics guidelines and policies in place?	
Number of publications in quality peer reviewed journals (per 100 scientific staff)		252	266	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0	Does your organisation have a public grievance redressal cell?	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		23065.5	26776.9	Does your organisation have national accreditation/ certification for its lab procedure?	
Percentage of publications in top 10% of journals		38.7	36	Does your organisation have international accreditation/ certification for its lab procedure?	
Number of IPRs filed (per Rs. 10 crore spent)		0	0.5	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	
Number of IPRs granted (per Rs. 10 crore spent)		0	0.5	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0.5	Are your organisation's R&D facilities available on the I-STBM national portal?	
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Is your organisation's website differently-abled friendly?	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0	Percentage of young scientists in scientific staff	
Number of new products/services introduced (per Rs. 10 crore spent)		0	0	Percentage of women scientists in scientific staff	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.1	0.1	Are the facilities at your organisation differently-abled friendly?	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Percentage of the total budget spent on training and skill up-gradation	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Parent ministry and department	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	
				International bodies	
				Others	
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

75

Agharkar Research Institute

Ministry/Department/Organisation:	Department of Science & Technology				2021-22	2022-23
Location	Maharashtra				159	166
Year of establishment	1946				115	124
					39.36	48.3
Type of R&D performed	Basic R&D, Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	56.5	48.4		Number of international academic collaborations measured by publications (per 100 scientific staff)	31.3	14.5
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	50.8	41.4		Percentage of permanent scientists and contractual researchers to overall staff	15.3	15.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	33	59
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.7	0.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	-26.1	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-15.7	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	7.8	9.7		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	3.5	4		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	23.5	3.2
Number of publications in quality peer reviewed journals (per 100 scientific staff)	74	63		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	146.1	76.6
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	3175.7	3518.5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	8.1	3.8		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.3	0.4		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.4		Percentage of young scientists in scientific staff	57.5	60.9
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	39.8	38.5
Number of IPRs licensed out (per Rs. 10 crore spent)	1	1.2		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0.5	0.4		Percentage of the total budget spent on training and skill up-gradation	0.4	0.2
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	1.6
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.2	0.6		Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.2		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile						
Data submitted by the lab could not be validated						

Institute of Nano Science and Technology

Ministry/Department/Organisation:
Location
Year of establishment

Punjab
2013

Department of Science & Technology

2021-22
78

2022-23
83

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

70

75

57.96

35.52

Type of R&D performed

Basic R&D, Applied R&D

Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.3	4
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.3	2.7
Number of projects executed (per 100 scientific staff)	72.9	74.7
Beneficiaries of organisation's programmes	Industry	Industry
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	3.6	4.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	8.6	6.7
Increase in women staff engaged in R&D (per 100 scientific staff)	7.1	6.7
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	0	0
Consultancy services (per Rs. 10 crore spent)	0	0
Research support (per Rs. 10 crore spent)	0	0
Mentorship (per Rs. 10 crore spent)	0	0
Other forms of support (per Rs. 10 crore spent)	0	0
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	18.6	37.3
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	85.7	77.3
Number of national awards and fellowships (per 100 scientific staff)	0	0
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	344	331
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4351.4	2692
Percentage of publications in top 10% of journals	38.7	36
Number of IPRs filed (per Rs. 10 crore spent)	0.5	1.7
Number of IPRs granted (per Rs. 10 crore spent)	0.2	0.6
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.2	0.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.5	1.4
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0

Indicator	2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	2.7
Number of international academic collaborations measured by publications (per 100 scientific staff)	15.7	24
Number of national collaborative projects with industry (per 100 scientific staff)	0	1.3
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	12.9	16
Number of national academic collaborations measured by publications (per 100 scientific staff)	12.9	16
Percentage of permanent scientists and contractual researchers to overall staff	94	94
Percentage of overall budget spent on R&D and S&T	88	85
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	Yes	Yes
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Percentage of young scientists in scientific staff	67.1	62.5
Percentage of women scientists in scientific staff	42.5	35.9
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	0	0
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	0	0
Capacity Building Commission (CBC)	0	0
International bodies	0	0
Others	0	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Institute of Advanced Study in Science and Technology

Ministry/Department/Organisation:		Department of Science & Technology			
Location		Assam		2021-22	2022-23
Year of establishment		1979		204	190
Type of R&D performed		Basic R&D, Applied R&D		Total staff at the Lab	170
				Staff engaged in R&D	156
				Total Budget of the institution (Rs. Crores)	40.65
					50.73
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.3	7.1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	20.6	17.9	Number of international academic collaborations measured by publications (per 100 scientific staff)	5.3	6.4
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	0.6	0.6
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1.8	21.2	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.6	4.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	167	123.4	Number of national academic collaborations measured by publications (per 100 scientific staff)	7.6	4.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	5.4	4.5	Percentage of permanent scientists and contractual researchers to overall staff	79.5	78
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	58.7	61.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	5.3	-3.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	0.1	0
Increase in women staff engaged in R&D (per 100 scientific staff)	-1.8	-3.2	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.7	2.6	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	Yes	Yes	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0.2	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.2	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0.6	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.6	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.2	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	4.7	7.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	5.3	8.3	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0.6	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	34	42	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	2.4	2.6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.5	2.2	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	1.7	0.6	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	86.2	85.5
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	40.4	41
Number of non-worked patents (per Rs. 10 crore spent)	1.7	0.6	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.4	0.3
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	13.8	13.6	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.8	0.5	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.7	34
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.3	12.2
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile					
Data submitted by the lab could not be validated					

Indian Institute of Astrophysics

Ministry/Department/Organisation:

Location

Year of establishment

Department of Science & Technology

Karnataka

1971

Type of R&D performed

Basic R&D, Applied R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3.7	5.1	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.8	5.1	
Number of projects executed (per 100 scientific staff)	5.6	7.1	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	11.2	15.3	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0.8	1.2	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.4	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	11.2	6.1	
Increase in women staff engaged in R&D (per 100 scientific staff)	4.7	6.1	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.2	0.3	
Has your organisation set up a Section 8 company to support startups?	Yes	Yes	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0.2	0.3	
Consultancy services (per Rs. 10 crore spent)	0.2	0.3	
Research support (per Rs. 10 crore spent)	0.2	0.3	
Mentorship (per Rs. 10 crore spent)	0.3	0.5	
Other forms of support (per Rs. 10 crore spent)	0.3	0.4	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.3	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.2	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	12.1	13.3	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	4.7	6.1	
Number of national awards and fellowships (per 100 scientific staff)	4.7	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	91	120	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.9	2	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	7.9	10.1	
Percentage of publications in top 10% of journals	8.4	9.9	
Number of IPRs filed (per Rs. 10 crore spent)	0	0	
Number of IPRs granted (per Rs. 10 crore spent)	0	0	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0.1	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0.6	0.7	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.8	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0.8	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Total staff at the Lab

2021-22 2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

157 156

107 98

120 99

Indicator

2021-22 2022-23

Number of international collaborative projects with industry (per 100 scientific staff)	1.9	2	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	15.9	20.4	
Number of international academic collaborations measured by publications (per 100 scientific staff)	90.7	120.4	
Number of national collaborative projects with industry (per 100 scientific staff)	15	19.4	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	39.3	53.1	
Number of national academic collaborations measured by publications (per 100 scientific staff)	39.3	53.1	
Percentage of permanent scientists and contractual researchers to overall staff	68.2	62.8	
Percentage of overall budget spent on R&D and S&T	60	61	
R&D expenditure on green technologies (per Rs. 10 crore spent)	0.1	1	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	9.3	14.3	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	17.8	24.5	
Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	No	No	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	90	95	
Percentage of women scientists in scientific staff	37.3	39.4	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	10	12	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	5	6	
Capacity Building Commission (CBC)	3	5	
International bodies	4	5	
Others	2	2	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14	20.4	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.5	10.2	

Data submitted by the lab could not be validated

Sree Chitra Tirunal Institute for Medical Sciences and Technology

Ministry/Department/Organisation:		Department of Science & Technology							
Location	Year of establishment	Kerala		1981		Total staff at the Lab		2021-22	2022-23
Type of R&D performed		Basic R&D, Applied R&D, Services R&D				Staff engaged in R&D		319	275
						Total Budget of the institution (Rs. Crores)		419.62	391.63
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.6	0.7			Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.8	1.5			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.7	5.8		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.3	0			Number of international academic collaborations measured by publications (per 100 scientific staff)	20.1	17.5		
Number of projects executed (per 100 scientific staff)	28.5	38.9			Number of national collaborative projects with industry (per 100 scientific staff)	0.6	1.1		
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	19.4	27.3		
Beneficiaries of organisation's programmes					Number of national academic collaborations measured by publications (per 100 scientific staff)	1.6	2.5		
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0			Percentage of permanent scientists and contractual researchers to overall staff	25.5	24.1		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	9.4	10.9							
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	11.9	12.8			Percentage of overall budget spent on R&D and S&T	60	60		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	1			R&D expenditure on green technologies (per Rs. 10 crore spent)	0.2	0.3		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.1			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes		
Increase in number of staff engaged in R&D (per 100 scientific staff)	-3.8	-8.4			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes		
Increase in women staff engaged in R&D (per 100 scientific staff)	3.1	-8.4			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.1	0.1			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes		
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Number of startups supported through:									
Training (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes		
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Mentorship (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes		
Other forms of support (per Rs. 10 crore spent)	0.1	0.2			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.3			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0.1			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	53	46.2			Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of trainings imparted by lab (per 100 scientific staff)	2.8	7.3			Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	47	116.7			Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes		
Number of skill development programmes conducted (per 100 scientific staff)	2.5	4			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	13.8	17.8		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	20.1	29.1			Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	85.9	233.5		
Number of national awards and fellowships (per 100 scientific staff)	8.8	33.5			Are your organisation's R&D facilities available on the I-STEM national portal?	No	No		
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	91	81			Is your organisation's website differently-abled friendly?	Yes	Yes		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2022.3	296			Percentage of young scientists in scientific staff	60	62		
Percentage of publications in top 10% of journals	5	5			Percentage of women scientists in scientific staff	31.7	31		
Number of national and international recognitions (per 100 scientific staff)	7.5	26.2			Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of reports leading to designs and products (per 100 scientific staff)	0	0			Percentage of the total budget spent on training and skill up-gradation	5	5		
Number of IPRs filed (per Rs. 10 crore spent)	0.6	1.1			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Number of IPRs granted (per Rs. 10 crore spent)	0.5	1.3			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.1			Parent ministry and department	10	10		
Number of non-worked patents (per Rs. 10 crore spent)	0.1	0.2			Capacity Building Commission (CBC)	10	10		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			International bodies	0	0.5		
					Others	25	25		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.1			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.3	2.2		
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.1			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	1.5		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.6	3.6							
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.1	1.4							
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0							
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.5	0.3							
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.3							
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0							
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0							
Qualitative questions have not been included here and can be found in the questionnaire (A.3)									
1st	Quartile	2nd	Quartile	3rd	Quartile	4th	Quartile	Data submitted by the lab could not be validated	



Indian Association for the Cultivation of Science

Ministry/Department/Organisation:	Department of Science & Technology				
Location	West Bengal				
Year of establishment	1876		Total staff at the Lab	2021-22	2022-23
				233	228
			Staff engaged in R&D	69	67
			Total Budget of the institution (Rs. Crores)	126.32	155.5
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8.7	9	Number of international collaborative projects with industry (per 100 scientific staff)	11.6	25.4
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8.7	9	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	3
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8.7	9	Number of international academic collaborations measured by publications (per 100 scientific staff)	1.4	1.5
Number of projects executed (per 100 scientific staff)	1214.5	1250.7	Number of national collaborative projects with industry (per 100 scientific staff)	423.2	429.9
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			
Beneficiaries of organisation's programmes			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.8	13.4
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.4	1.5	Number of national academic collaborations measured by publications (per 100 scientific staff)	2.9	6
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	4.3	6	Percentage of permanent scientists and contractual researchers to overall staff	78.4	82.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	2.4	2.3			
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	11	8.8	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	17	32.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.3	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.4	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	2.9	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:					
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.2	0.1	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.2	0.1	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.2	0.1	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.1	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	152.2	204.5	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	26.1	37.3	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	110.1	173.1	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of skill development programmes conducted (per 100 scientific staff)	53.6	55.2	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	11.6	31.3
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	24.6	17.9	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	691.3	1120.9
Number of national awards and fellowships (per 100 scientific staff)	43.5	107.5	Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	5.8	7.5	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	591	567	Is your organisation's website differently-abled friendly?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	462.3	476.1	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	12873.7	13921.8			
Percentage of publications in top 10% of journals	5.9	7.2	Percentage of young scientists in scientific staff	10.8	8.1
Number of national and international recognitions (per 100 scientific staff)	24.6	49.3	Percentage of women scientists in scientific staff	6.3	6.8
Number of reports leading to designs and products (per 100 scientific staff)	4.3	7.5	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.2	0.3	Percentage of the total budget spent on training and skill up-gradation	10	12
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.2	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.2	0.2	Parent ministry and department	50	55
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0.2	0	International bodies	30	30
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	43.5	53.7
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.5	14.9
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.1			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A-3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
					Data submitted by the lab could not be validated





भारत
ICAR

**INDIAN COUNCIL OF
AGRICULTURAL RESEARCH
GOVERNMENT OF INDIA**

ICAR-Indian Grassland and Fodder Research Institute

Ministry/Department/Organisation:		Indian Council of Agricultural Research					
Location	Uttar Pradesh					2021-22	2022-23
Year of establishment	1962				Total staff at the Lab	145	136
					Staff engaged in R&D	107	100
Type of R&D performed	Basic R&D				Total Budget of the institution (Rs. Crores)	48.08	47.35
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	19.6	29			Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	66.4	69			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.9	4
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			Number of international academic collaborations measured by publications (per 100 scientific staff)	9.3	14
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0			Number of national collaborative projects with industry (per 100 scientific staff)	0	1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	270.4	322.7			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.9	1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2			Number of national academic collaborations measured by publications (per 100 scientific staff)	0.9	1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0			Percentage of permanent scientists and contractual researchers to overall staff	73.8	73.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	-15.9	0			Percentage of overall budget spent on R&D and S&T	11.2	12.9
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0			R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.2			Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	20.6	21			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	46	75			Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	545	652			Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	20.6	23
Percentage of publications in top 10% of journals	0	0			Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.2	0.2			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0.2			Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0			Percentage of young scientists in scientific staff	44.3	47.4
Number of non-worked patents (per Rs. 10 crore spent)	0	0			Percentage of women scientists in scientific staff	30	30
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0			Percentage of the total budget spent on training and skill up-gradation	0.2	1.1
Number of new products/services introduced (per Rs. 10 crore spent)	0	0			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Parent ministry and department	33.3	29.2
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.6	0.4			Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			International bodies	24	21
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			Others	70	22
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	25.2	24
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.9	1

Select data was used for analysis. Quartiles not calculated for lab

ICAR-Indian Institute of Agricultural Biotechnology

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location	Jharkhand			2021-22	2022-23
Year of establishment	2012			60	71
Type of R&D performed		Basic R&D		Total staff at the Lab	
Indicator		2021-22	2022-23	Staff engaged in R&D	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0	Total Budget of the institution (Rs. Crores)	
Number of projects executed (per 100 scientific staff)		79.3	26.5	25.11	19.64
Beneficiaries of organisation's programmes		Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Indicator	2021-22
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	2022-23	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		99.6	76.4	Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)		20.7	0	Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in women staff engaged in R&D (per 100 scientific staff)		0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	79.3
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		1.2	1	Number of national academic collaborations measured by publications (per 100 scientific staff)	26.5
Has your organisation set up a Section 8 company to support startups?		No	No	Percentage of permanent scientists and contractual researchers to overall staff	79.3
Number of startups supported through:				Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	82.9
Training (per Rs. 10 crore spent)		0.8	1	Does your organisation have procedures in place for sustainable sourcing of materials?	82.8
Consultancy services (per Rs. 10 crore spent)		2	2.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	33
Research support (per Rs. 10 crore spent)		0.4	0.5	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	49
Mentorship (per Rs. 10 crore spent)		2	2	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Other forms of support (per Rs. 10 crore spent)		2	2	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		1.2	1	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		27.6	32.4	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No
Number of national awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		100	62	Does your organisation have a public grievance redressal cell?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		2297	279	Does your organisation have international accreditation/ certification for its lab procedure?	No
Percentage of publications in top 10% of journals		0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	10.3
Number of IPRs filed (per Rs. 10 crore spent)		0.4	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	58.6
Number of IPRs granted (per Rs. 10 crore spent)		0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Is your organisation's website differently-abled friendly?	No
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Percentage of young scientists in scientific staff	58.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0	Percentage of women scientists in scientific staff	20.6
Number of new products/services introduced (per Rs. 10 crore spent)		0.4	0.5	Are the facilities at your organisation differently-abled friendly?	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Percentage of the total budget spent on training and skill up-gradation	0.3
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.1	0.1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	37.9
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0	Parent ministry and department	11.8
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	International bodies	17.2
				Others	8.8
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.3
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.2
					0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Institute for Plant Biotechnology

Ministry/Department/Organisation:	Indian Council of Agricultural Research				
Location	Delhi				
Year of establishment	1985		Total staff at the Lab	2021-22	2022-23
				122	125
Type of R&D performed	Basic R&D		Staff engaged in R&D	101	105
			Total Budget of the institution (Rs. Crores)	21.82	21.68
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3	2.9	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	28.7	27.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1	1
Beneficiaries of organisation's programmes	Individuals Industry	Individuals Industry	Number of international academic collaborations measured by publications (per 100 scientific staff)	3	10.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	15.6	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.9	3.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	9.9	3.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.5	Percentage of permanent scientists and contractual researchers to overall staff	82.1	84.7
Increase in number of staff engaged in R&D (per 100 scientific staff)	-7.9	-4.8	Percentage of overall budget spent on R&D and S&T	25.6	99.9
Increase in women staff engaged in R&D (per 100 scientific staff)	-11.9	-4.8	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	13.9	8.6	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	52.5	90.5	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	1	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	71.3	110.5	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	887.1	929.5	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	1	1
Percentage of publications in top 10% of journals	11	8.3	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.9	1.8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	1.4	1.4	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.5	0.5	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0.5	0	Percentage of young scientists in scientific staff	67.7	72.1
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	49.5	46.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.5	0	Percentage of the total budget spent on training and skill up-gradation	4.1	3.5
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.8	0.4	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	1	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2	1
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3	1

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Institute of Abiotic Stress Management

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Maharashtra				2021-22	2022-23
Year of establishment	2009				122	135
Type of R&D performed	Basic R&D				Total staff at the Lab	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	9.4	19.7		Staff engaged in R&D	53	66
Number of projects executed (per 100 scientific staff)	52.8	42.4		Total Budget of the institution (Rs. Crores)	13.61	13.98
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.8	3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	878	1142.3		Number of international academic collaborations measured by publications (per 100 scientific staff)	9.4	13.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0.7		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.9	7.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	7.5	15.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	1.9	7.6
Increase in women staff engaged in R&D (per 100 scientific staff)	7.5	15.2		Percentage of permanent scientists and contractual researchers to overall staff	65	67
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	44.8	40.9
Has your organisation set up a Section 8 company to support startups?	No	No		R&D expenditure on green technologies (per Rs. 10 crore spent)	3.1	3
Number of startups supported through:				Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	43.4	12.1		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	88.7	87.9		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	11.3	6.1		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	5301.9	5160.6		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Percentage of publications in top 10% of journals	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of IPRs filed (per Rs. 10 crore spent)	2.2	0.7		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	41.5	22.7
Number of IPRs granted (per Rs. 10 crore spent)	3.7	0		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	2.9	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	92.5	93.9
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	12.5	11.4		Percentage of women scientists in scientific staff	31.8	27.2
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.6
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.9		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.8	1.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	1.2		Parent ministry and department	25	38.8
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.1		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
				Others	8	17
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	15.1	22.7
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.8	6.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute of Fisheries Education

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Maharashtra
1979

Total staff at the Lab

2021-22
203

2022-23
195

Staff engaged in R&D

128

120

Total Budget of the institution (Rs. Crores)

95.62

91.31

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

3.9

25

No

Number of projects executed (per 100 scientific staff)

35.2

38.3

No

Beneficiaries of organisation's programmes

Individuals, NGOs, Industry, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

1.6

1.7

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

230.1

246.4

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.5

0.5

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-6.3

-0.8

Increase in women staff engaged in R&D (per 100 scientific staff)

-1.6

-0.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0.4

0.7

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0.2

0.2

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0.4

0.7

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0.2

0.7

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0.4

0.7

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

99.2

125

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0.8

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

142.2

150.8

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

3125

3333.3

Percentage of publications in top 10% of journals

20

20

Number of IPRs filed (per Rs. 10 crore spent)

0.3

0.3

Number of IPRs granted (per Rs. 10 crore spent)

0.1

0.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0.1

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0.1

Number of non-worked patents (per Rs. 10 crore spent)

0.7

0.1

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.3

1.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0.8

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

3.1

3.7

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.8

0.8

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

3.9

4.2

Number of national academic collaborations measured by publications (per 100 scientific staff)

3.9

4.2

Percentage of permanent scientists and contractual researchers to overall staff

62

66

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

22.3

29.3

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

3.1

5

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

390.6

416.7

Are your organisation's R&D facilities available on the I-STBM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

57.1

59.7

Percentage of women scientists in scientific staff

32.4

33.6

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.3

4.5

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

10

10

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

10

10

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

19.5

23.3

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

7.8

12.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Maize Research

Ministry/Department/Organisation: Location Year of establishment	Indian Council of Agricultural Research		2021-22		2022-23	
	Punjab		99		99	
	2015		85		84	
			22.01		24.05	
Type of R&D performed	Basic R&D		Total staff at the Lab		Staff engaged in R&D	
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.7	1.2	Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	42.4	69	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.4	3.6	
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments				
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	12.9	27.4	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	10.6	13.1	Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	2637.4	1079.8	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	24.7	33.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	295.3	157.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	24.7	33.3	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	52.5	52.5	
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	2.4	Percentage of overall budget spent on R&D and S&T	90	90	
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.5	2.4	R&D expenditure on green technologies (per Rs. 10 crore spent)	2.3	2.1	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Mentorship (per Rs. 10 crore spent)	2.7	3.7	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.8	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	8.2	3.6	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	5.9	7.1	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	45.9	86.9	Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1318.8	1589.3	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	11.9	
Percentage of publications in top 10% of journals	10	12	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of IPRs filed (per Rs. 10 crore spent)	2.7	0.4	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0	Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs licensed out (per Rs. 10 crore spent)	1.4	1.7	Percentage of young scientists in scientific staff	80.7	80.5	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	23.8	26.4	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1.4	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.4	1.7	Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	1.7	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.5	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	60	72.7	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.8	1.2	Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.4	International bodies	40	27.3	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.1	Others	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.2	3.6	
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.7	4.8	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Soil and Water Conservation

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Uttarakhand					
Year of establishment	1956			Total staff at the Lab	2021-22	2022-23
					114	116
				Staff engaged in R&D	91	93
Type of R&D performed	Applied R&D			Total Budget of the institution (Rs. Crores)	63	67.09
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.2	2.2		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	67	78.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.2	1.1
Beneficiaries of organisation's programmes	Individuals, NGOs, Government Departments	Individuals, NGOs, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	9.9	4.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	5.7	2.4		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	35.2	45.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	0.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	35.2	45.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	79.8	80.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	-11	-1.1		Percentage of overall budget spent on R&D and S&T	36	35
Increase in women staff engaged in R&D (per 100 scientific staff)	-1.1	-1.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	15.9	14.9
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training (per Rs. 10 crore spent)	0	0.3		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	2.2	3.1		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	91	75		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	703.3	487.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	38.7	36		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	2.5	2.1		Percentage of women scientists in scientific staff	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.3	0.4		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	2	2
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	2.2		Parent ministry and department	54	33
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	4	4
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Others	19	19
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	35.2	61.3
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.3	15.1

Select data was used for analysis. Quartiles not calculated for lab

ICAR-Indian Institute of Horticultural Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Karnataka				486	513
Year of establishment	1967				126	147
					133.43	136.7
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8.7	8.8		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	68.3	69.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	13.5	17.7
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	165.9	193.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.4		Percentage of permanent scientists and contractual researchers to overall staff	48.4	48.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0		Percentage of overall budget spent on R&D and S&T	98.9	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	19.8	12.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	1.9	1.8
Increase in women staff engaged in R&D (per 100 scientific staff)	13.5	12.9		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.4	0.3		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	1.4	2.9		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.1	0.1		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0.4	0.1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.8	0.6		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.4	0.2		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0.3	0.4		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	6.3	4.1		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	93	91		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	534.1	1014.3		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	5.4	4.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.5	0.4		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.8	1.8		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.1		Percentage of young scientists in scientific staff	22.3	28.1
Number of IPRs licensed out (per Rs. 10 crore spent)	1	0.3		Percentage of women scientists in scientific staff	27.5	31.6
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0.1
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.1	3.5		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.3		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.7		Parent ministry and department	14.5	12.4
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.1	0.6		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0.1		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.7	11.6
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.3	8.8

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Vegetable Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Uttar Pradesh				104	113
Year of establishment	1999				78	85
					27	29.94
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	10.3	22.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	89.7	82.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	6.4	10.6
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	378.1	289.2		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.5	2.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.7		Percentage of permanent scientists and contractual researchers to overall staff	74	70
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	3.5		Percentage of overall budget spent on R&D and S&T	25.4	19.9
Increase in women staff engaged in R&D (per 100 scientific staff)	2.6	3.5		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.7	1.3		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.7	1.3		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.7	0.7		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.7	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	51	82		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	2.4
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	461.5	664.7		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	38.7	36		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	3	6.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	3.3	6.3		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	4.1	4		Percentage of young scientists in scientific staff	71.8	76.4
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	7	9
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.4	0.3		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.7	4		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0	0.3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	23.9	0.1
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0.3		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16.7	23.5
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.1	4.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Directorate of Groundnut Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Gujarat				70	66
Year of establishment	1979				30	28
Type of R&D performed	Applied R&D				17.91	17.12
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	43.3	50		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	43.3	42.9		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	22.2	25.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	43.3	50		Number of national collaborative projects with industry (per 100 scientific staff)	20	25
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	34.6	43.8		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	20	25
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.2	2.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	20	25
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	42.9	42.4
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	-7.1		Percentage of overall budget spent on R&D and S&T	32	40
Increase in women staff engaged in R&D (per 100 scientific staff)	0	-7.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	5.6	5.8
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	3.4	4.1		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	3.4	4.1		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	3.4	4.1		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	3.4	4.1		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	20	25		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	20	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	689	612		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	25		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	20	25
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	5933.3	6173.5		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	106.7	150
Percentage of publications in top 10% of journals	0	6.3		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.7	2.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	1.7	1.2		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	79	82
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	43	32
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	7.3	8.2		Percentage of the total budget spent on training and skill up-gradation	3.1	3.1
Number of new products/services introduced (per Rs. 10 crore spent)	6.7	8.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0.3		Capacity Building Commission (CBC)	13	14
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	43.3	75
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	46.7	50

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute of Agricultural Engineering

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Madhya Pradesh			
Year of establishment		1976			
Type of R&D performed		Applied R&D		Total staff at the Lab	2021-22 240
Indicator		2021-22		Staff engaged in R&D	2022-23 209
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		2021-22	2022-23	Total Budget of the institution (Rs. Crores)	122
Number of projects executed (per 100 scientific staff)		68.9	63.7		69.29
Beneficiaries of organisation's programmes		Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		67.44
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	Indicator	2021-22
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		43.3	55.8	Number of international collaborative projects with industry (per 100 scientific staff)	2022-23
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		1.9	1.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)		-3.3	-2.4	Number of national collaborative projects with industry (per 100 scientific staff)	5.7
Increase in women staff engaged in R&D (per 100 scientific staff)		0	-2.4	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6.5
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	0
Has your organisation set up a Section 8 company to support startups?		No	No	Percentage of permanent scientists and contractual researchers to overall staff	11.5
Number of startups supported through:				Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	10.5
Training (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	47.1
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	47.8
Research support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	3.9
Mentorship (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	1.7
Other forms of support (per Rs. 10 crore spent)		0	0.1	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		5.7	10.5	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		17.2	21.8	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of national awards and fellowships (per 100 scientific staff)		21.3	18.5	Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		43	67	Does your organisation have a public grievance redressal cell?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		174.6	200.8	Does your organisation have national accreditation/ certification for its lab procedure?	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		289.3	320.2	Does your organisation have international accreditation/ certification for its lab procedure?	Yes
Percentage of publications in top 10% of journals		9.6	8.4	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	102.5
Number of IPRs filed (per Rs. 10 crore spent)		1.2	0.7	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	7.4
Number of IPRs granted (per Rs. 10 crore spent)		0.4	0.1	Are your organisation's R&D facilities available on the I-STBM national portal?	6.5
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0.3	0.1	Does your organisation's website follow all security protocols as mandated by the Government of India?	No
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Is your organisation's website differently-abled friendly?	Yes
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		1.6	1.8	Percentage of young scientists in scientific staff	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		3	8.3	Percentage of women scientists in scientific staff	83
Number of new products/services introduced (per Rs. 10 crore spent)		0	0	Are the facilities at your organisation differently-abled friendly?	71
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Percentage of the total budget spent on training and skill up-gradation	42
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.2	0.1	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	44
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		6.1	6.4	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	2
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0.6	0.7	Parent ministry and department	15
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	23
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	International bodies	0
				Others	0.9
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.2
					36.9
					22.6
					3.3
					1.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute for Women in Agriculture

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Odisha		2021-22	2022-23
Year of establishment		1996		41	40
Type of R&D performed		Applied R&D		Total staff at the Lab	
Indicator		2021-22		2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		22.7	31.8	Staff engaged in R&D	
Number of projects executed (per 100 scientific staff)		81.8	86.4	Total Budget of the institution (Rs. Crores)	
Beneficiaries of organisation's programmes		Individuals	Individuals	29.67	29.95
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	Indicator	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		814.3	1433.7	2021-22	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		2.4	3	2022-23	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of international collaborative projects with industry (per 100 scientific staff)	
Increase in number of staff engaged in R&D (per 100 scientific staff)		0	4.5	0	
Increase in women staff engaged in R&D (per 100 scientific staff)		4.5	4.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	0	
Has your organisation set up a Section 8 company to support startups?		No	No	Number of international academic collaborations measured by publications (per 100 scientific staff)	
Number of startups supported through:				4.5	
Training (per Rs. 10 crore spent)		0	0	0	
Consultancy services (per Rs. 10 crore spent)		0	0	Number of national collaborative projects with industry (per 100 scientific staff)	
Research support (per Rs. 10 crore spent)		0	0	0	
Mentorship (per Rs. 10 crore spent)		0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	
Other forms of support (per Rs. 10 crore spent)		0	0	9.1	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	9.1	
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Percentage of permanent scientists and contractual researchers to overall staff	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		13.6	0	53.7	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		36.4	131.8	Percentage of overall budget spent on R&D and S&T	
Number of national awards and fellowships (per 100 scientific staff)		0	0	86	
Number of international awards and fellowships (per 100 scientific staff)		0	0	R&D expenditure on green technologies (per Rs. 10 crore spent)	
Number of publications in quality peer reviewed journals (per 100 scientific staff)		23	27	0	
Number of technology development/ design project reports commissioned (per 100 scientific staff)		0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		54.5	68.2	No	
Percentage of publications in top 10% of journals		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	
Number of IPRs filed (per Rs. 10 crore spent)		0	0.7	Yes	
Number of IPRs granted (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	No	
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	
Number of non-worked patents (per Rs. 10 crore spent)		0	0	No	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0.1	No	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	No	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.3	0.9	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0	Yes	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	Yes	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Has your organisation adopted any digital technologies that would enhance R&D activities?	
				Yes	
				Does your organisation have necessary ethics guidelines and policies in place?	
				Yes	
				Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	
				Yes	
				Does your organisation have a public grievance redressal cell?	
				Yes	
				Does your organisation have national accreditation/ certification for its lab procedure?	
				No	
				Does your organisation have international accreditation/ certification for its lab procedure?	
				No	
				Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	
				0	
				Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	
				0	
				Are your organisation's R&D facilities available on the I-STEM national portal?	
				No	
				Does your organisation's website follow all security protocols as mandated by the Government of India?	
				No	
				Is your organisation's website differently-abled friendly?	
				No	
				Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	
				No	
				Percentage of young scientists in scientific staff	
				31.8	
				Percentage of women scientists in scientific staff	
				38.8	
				Are the facilities at your organisation differently-abled friendly?	
				Yes	
				Percentage of the total budget spent on training and skill up-gradation	
				0.3	
				Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	
				Yes	
				Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	
				Yes	
				Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
				Parent ministry and department	
				38.9	
				Capacity Building Commission (CBC)	
				0	
				International bodies	
				0	
				Others	
				16.7	
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	
				13.6	
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	
				22.7	
				31.8	

ICAR-Central Inland Fisheries Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

West Bengal

1947

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

83

77

Total Budget of the institution (Rs. Crores)

113.47

132.96

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

3.6

3.9

Number of projects executed (per 100 scientific staff)

45.8

46.8

Beneficiaries of organisation's programmes

Individuals,
Government
Departments

Individuals,
Government
Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

183.6

58

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.2

0.2

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.1

Increase in number of staff engaged in R&D (per 100 scientific staff)

-7.2

0

Increase in women staff engaged in R&D (per 100 scientific staff)

-1.2

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

170

152

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

4.8

11.7

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1345.8

1853.2

Percentage of publications in top 10% of journals

18

23

Number of IPRs filed (per Rs. 10 crore spent)

0.4

0.7

Number of IPRs granted (per Rs. 10 crore spent)

0

0.2

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0.4

0.1

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.4

0.3

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.2

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.9

0.8

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.2

1.3

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

7.2

9.1

Number of national academic collaborations measured by publications (per 100 scientific staff)

7.2

9.1

Percentage of permanent scientists and contractual researchers to overall staff

42.6

43.8

Percentage of overall budget spent on R&D and S&T

20.4

17.4

R&D expenditure on green technologies (per Rs. 10 crore spent)

0.1

0.1

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

46

48.3

Percentage of women scientists in scientific staff

23.8

25

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.1

0.2

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

1

1

Parent ministry and department

0

0

Capacity Building Commission (CBC)

1

0

International bodies

7

14

Others

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

42.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

31.2

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Tobacco Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research				
Location	Andhra Pradesh			2021-22	2022-23
Year of establishment	1947		Total staff at the Lab	115	153
Type of R&D performed	Applied R&D		Staff engaged in R&D	35	47
Indicator	2021-22	2022-23	Total Budget of the institution (Rs. Crores)	4.57	4.5
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8.6	19.1	Indicator	2021-22	2022-23
Number of projects executed (per 100 scientific staff)	80	102.1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	5.7	2.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	120.4	66.7	Number of national collaborative projects with industry (per 100 scientific staff)	17.1	27.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	8.8	26.7	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	17.1	36.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	17.1	36.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	71.4	38.3	Percentage of permanent scientists and contractual researchers to overall staff	40	42
Increase in women staff engaged in R&D (per 100 scientific staff)	34.3	38.3	Percentage of overall budget spent on R&D and S&T	48	43
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	4.3	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	37	83	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2805.7	25651.1	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	2.1	3.2	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of IPRs filed (per Rs. 10 crore spent)	6.6	6.7	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	6.6	6.7	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	33.7	45.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	33.5	34.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	35	24.4	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	3	5
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	1	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	10	10	Parent ministry and department	32	38
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.5	0.8	Capacity Building Commission (CBC)	25	28
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.4	International bodies	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	28.6	25.5
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.9	19.1

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Research Centre for Banana

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Tamil Nadu				93	96
Year of establishment	1993					
Type of R&D performed	Applied R&D				Total staff at the Lab	
Indicator	2021-22	2022-23			Staff engaged in R&D	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	31.3	9			Total Budget of the institution (Rs. Crores)	
Number of projects executed (per 100 scientific staff)	85.1	95.5			13.23	17.37
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			Indicator	2021-22
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0			Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	5848.8	5316.6			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	7.6	2.9			Number of international academic collaborations measured by publications (per 100 scientific staff)	35.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0			Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	3	4.5			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	29.9
Increase in women staff engaged in R&D (per 100 scientific staff)	9	4.5			Number of national academic collaborations measured by publications (per 100 scientific staff)	31.3
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.8	0.6			Percentage of permanent scientists and contractual researchers to overall staff	69.1
Has your organisation set up a Section 8 company to support startups?	No	No			Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	1.7
Number of startups supported through:					Does your organisation have procedures in place for sustainable sourcing of materials?	Yes
Training (per Rs. 10 crore spent)	3.8	2.9			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Mentorship (per Rs. 10 crore spent)	1.5	1.2			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.8	0.6			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	38.8	34.3			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0			Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have a public grievance redressal cell?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	25	19			Does your organisation have national accreditation/ certification for its lab procedure?	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	4.5	4.5			Does your organisation have international accreditation/ certification for its lab procedure?	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2588.1	2961.2			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0
Percentage of publications in top 10% of journals	8.9	11.1			Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of IPRs filed (per Rs. 10 crore spent)	0	0			Are your organisation's R&D facilities available on the I-STBM national portal?	No
Number of IPRs granted (per Rs. 10 crore spent)	0.8	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Is your organisation's website differently-abled friendly?	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	1.2			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0			Percentage of young scientists in scientific staff	26.3
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.8	0.6			Percentage of women scientists in scientific staff	27.7
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	15.1	16.7			Are the facilities at your organisation differently-abled friendly?	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.2			Percentage of the total budget spent on training and skill up-gradation	2
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.3			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.3			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.5	0.7			Parent ministry and department	26.9
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			Capacity Building Commission (CBC)	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.7	0.5			International bodies	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			Others	0
					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	31.3
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	34.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Tuber Crops Research Institute

Ministry/Department/Organisation:		Indian Council of Agricultural Research						
Location	Kerala						2021-22	2022-23
Year of establishment	1963				Total staff at the Lab		163	156
Type of R&D performed	Applied R&D				Staff engaged in R&D		89	89
					Total Budget of the institution (Rs. Crores)		28.24	28.08
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	16.9	20.2			Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
					Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.2	1.1	
Number of projects executed (per 100 scientific staff)	43.8	40.4						
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			Number of international academic collaborations measured by publications (per 100 scientific staff)	1.1	2.2	
Beneficiaries of organisation's programmes								
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0			Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	863	698.7			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.4	2.2	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	9.9	20.3			Number of national academic collaborations measured by publications (per 100 scientific staff)	3.4	2.2	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0			Percentage of permanent scientists and contractual researchers to overall staff	54.6	57.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-12.4	1.1			Percentage of overall budget spent on R&D and S&T	9.8	9.9	
Increase in women staff enaged in R&D (per 100 scientific staff)	-2.2	1.1			R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.4	0.7			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups supported through:								
Training (per Rs. 10 crore spent)	2.1	0.4			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Research support (per Rs. 10 crore spent)	0.4	0.4			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0.4	0.4			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.7	0.4			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	2.2	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	100	168.5			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	26	26			Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	129.2	92.1			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.1	1.1	
Percentage of publications in top 10% of journals	4.4	4.4			Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of IPRs filed (per Rs. 10 crore spent)	0	0.4			Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0.4	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.4	0.4			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of non-worked patents (per Rs. 10 crore spent)	0	0			Percentage of young scientists in scientific staff	12.3	12.4	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			Percentage of women scientists in scientific staff	42.6	43	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.8	0.7			Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0			Percentage of the total budget spent on training and skill up-gradation	0	0.1	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.6	0.6			Parent ministry and department	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			Capacity Building Commision (CBC)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			International bodies	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			Others	91.8	88.2	
					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.4	9	
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	13.5	14.6	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Directorate of Floricultural Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Maharashtra			
Year of establishment		2009			
Type of R&D performed		Applied R&D		Total staff at the Lab	2021-22 37
Indicator		2021-22	2022-23	Staff engaged in R&D	2022-23 34
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		3.3	10.3	Total Budget of the institution (Rs. Crores)	11.11
Number of projects executed (per 100 scientific staff)		90	82.8		10.22
Beneficiaries of organisation's programmes		Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Indicator	2021-22
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	Number of international collaborative projects with industry (per 100 scientific staff)	2022-23
Number of persons who attended skill development, entrepreneurship, and innovation trainings organised by the lab (per Rs. 10 crore spent)		1624.7	1301.4	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		8.1	5.9	Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)		10	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	10
Increase in women staff engaged in R&D (per 100 scientific staff)		-3.3	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	10.3
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Percentage of permanent scientists and contractual researchers to overall staff	86.2
Has your organisation set up a Section 8 company to support startups?		No	No	Percentage of overall budget spent on R&D and S&T	15
Number of startups supported through:				R&D expenditure on green technologies (per Rs. 10 crore spent)	31.8
Training (per Rs. 10 crore spent)		2.7	2.9	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes
Research support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
Mentorship (per Rs. 10 crore spent)		0	1	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Other forms of support (per Rs. 10 crore spent)		1.8	2	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	1	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		13.3	13.8	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		56.7	41.4	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of national awards and fellowships (per 100 scientific staff)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		47	93	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0	Does your organisation have a public grievance redressal cell?	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		916.7	724.1	Does your organisation have national accreditation/ certification for its lab procedure?	No
Percentage of publications in top 10% of journals		28.6	30.8	Does your organisation have international accreditation/ certification for its lab procedure?	No
Number of IPRs filed (per Rs. 10 crore spent)		0	2	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	3.3
Number of IPRs granted (per Rs. 10 crore spent)		0	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	56.7
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Is your organisation's website differently-abled friendly?	No
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0	Percentage of young scientists in scientific staff	63
Number of new products/services introduced (per Rs. 10 crore spent)		0.9	1	Percentage of women scientists in scientific staff	22.2
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Are the facilities at your organisation differently-abled friendly?	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.1	0	Percentage of the total budget spent on training and skill up-gradation	0.1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.5	0.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0.1	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Parent ministry and department	21
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	0
				International bodies	5.3
				Others	5.3
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	80
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	20

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Oilseeds Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				
Location	Telangana			2021-22	2022-23
Year of establishment	1977			164	164
			Total staff at the Lab		
			Staff engaged in R&D	70	85
			Total Budget of the institution (Rs. Crores)	35.75	34.36
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	40	31.8	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	74.3	16.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	1.2
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	1.4	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0	1.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	501	888.2	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	11.4	12.9
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.6	0.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	11.4	12.9
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.3	Percentage of permanent scientists and contractual researchers to overall staff	39	44
Increase in number of staff engaged in R&D (per 100 scientific staff)	10	5.9	Percentage of overall budget spent on R&D and S&T	46	51
Increase in women staff engaged in R&D (per 100 scientific staff)	7.1	5.9	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.3	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	Yes	Yes	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.3	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0.3	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	5	5.8	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	2.2	2.3	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.3	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	15.7	14.1	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	8.6	14.1	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	No	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	16	19	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.4	2.4	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.4	7.1
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1212.9	1242.4	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	64.3	75.3
Percentage of publications in top 10% of journals	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.3	3.5	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	1.5	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.3	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	56.3	62.9
Number of non-worked patents (per Rs. 10 crore spent)	0.6	0.6	Percentage of women scientists in scientific staff	47.1	40
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.3	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.9	Percentage of the total budget spent on training and skill up-gradation	20	25
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	13	38
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	5.4	6.5	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.7	5.9
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	21.4	18.8

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Oil Palm Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Andhra Pradesh			
Year of establishment		1995			
Type of R&D performed		Applied R&D		Total staff at the Lab	2021-22 55
Indicator		2021-22	2022-23	Staff engaged in R&D	2022-23 64
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		52.4	12.5	Total Budget of the institution (Rs. Crores)	10.08
Number of projects executed (per 100 scientific staff)		95.2	90.6		11.42
Beneficiaries of organisation's programmes		Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Indicator	2021-22
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		2166.7	1953.1	2022-23	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		1533.7	1817	Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		11.9	2.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)		4.8	18.8	Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in women staff engaged in R&D (per 100 scientific staff)		4.8	18.8	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	23.8
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	15.6
Has your organisation set up a Section 8 company to support startups?		No	No	Percentage of permanent scientists and contractual researchers to overall staff	23.8
Number of startups supported through:				Percentage of overall budget spent on R&D and S&T	38.2
Training (per Rs. 10 crore spent)		0	0	R&D expenditure on green technologies (per Rs. 10 crore spent)	95.6
Consultancy services (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	0.5
Research support (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes
Mentorship (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
Other forms of support (per Rs. 10 crore spent)		0	0.9	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		14.3	28.1	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes
Number of national awards and fellowships (per 100 scientific staff)		4.8	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of international awards and fellowships (per 100 scientific staff)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)		43	53	Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		4.8	6.3	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		1981	1503.1	Does your organisation have a public grievance redressal cell?	Yes
Percentage of publications in top 10% of journals		15	15	Does your organisation have national accreditation/ certification for its lab procedure?	Yes
Number of IPRs filed (per Rs. 10 crore spent)		6.9	49.9	Does your organisation have international accreditation/ certification for its lab procedure?	No
Number of IPRs granted (per Rs. 10 crore spent)		2	31.5	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		2	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	14.3
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0.9	Are your organisation's R&D facilities available on the I-STBM national portal?	No
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		4	4.4	Is your organisation's website differently-abled friendly?	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		12.9	4.4	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of new products/services introduced (per Rs. 10 crore spent)		7.9	6.1	Percentage of young scientists in scientific staff	62
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.2	0.1	Percentage of women scientists in scientific staff	47
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Are the facilities at your organisation differently-abled friendly?	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0	Percentage of the total budget spent on training and skill up-gradation	0.1
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.1	2.4	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0	Parent ministry and department	24
				Capacity Building Commission (CBC)	0
				International bodies	0
				Others	9.5
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	33.3
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	28.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute of Post Harvest Engineering and Technology

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Punjab				83	82
Year of establishment	1989				54	55
				Total staff at the Lab	16.84	20.51
				Staff engaged in R&D		
				Total Budget of the institution (Rs. Crores)		
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	20.4	16.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	53.7	49.1		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals	Individuals		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	29.6	72.7		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	85.5	79		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	10.7	11.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	53	52
Increase in number of staff engaged in R&D (per 100 scientific staff)	-22.2	-7.3		Percentage of overall budget spent on R&D and S&T	40	40
Increase in women staff engaged in R&D (per 100 scientific staff)	-9.3	-7.3		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	2.4	2		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	2.4	2		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.6	0.5		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.6	0.5		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.6	0.5		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.6	0.5		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	2.4	2		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	2.4	2		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	2.4	2		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	16.7	9.1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	107.4	109.1		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	7	2		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	144.4	21.8		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0.5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	3.6	1		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	3	1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	1.8	1		Percentage of young scientists in scientific staff	77	77
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	49	45
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	3.6	2.9		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	4.2	3.9		Percentage of the total budget spent on training and skill up-gradation	10	10
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.8		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	29.6	30.9
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16.7	16.4
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile						

ICAR-Indian Institute of Rice Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Telangana				2021-22	2022-23
Year of establishment	1965			Total staff at the Lab	205	200
				Staff engaged in R&D	148	151
				Total Budget of the institution (Rs. Crores)	43.97	51.03
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	11.5	15.9		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	32.4	45.7		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	8.8	4
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	27	34.4
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	2.7	3.3		Number of national collaborative projects with industry (per 100 scientific staff)	3.4	13.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	65.7	150.5		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	17.6	18.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0.6		Number of national academic collaborations measured by publications (per 100 scientific staff)	17.6	18.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2		Percentage of permanent scientists and contractual researchers to overall staff	72.2	75.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.4	-0.7		Percentage of overall budget spent on R&D and S&T	60.7	62.9
Increase in women staff engaged in R&D (per 100 scientific staff)	2.7	-0.7		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.4	0.4
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.2		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.5	0.6		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.9	1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0.2		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0.2		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	34.5	34.4		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	4.1	5.3		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	1.4	0.7		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	55	70		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	6.8	4.6		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	10.8	11.3
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	335.1	348.3		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	12.8	13.9
Percentage of publications in top 10% of journals	17.2	18.8		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	3.2	1.6		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	2.5		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0.2	0		Percentage of young scientists in scientific staff	40.1	38.7
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	30.8	30.4
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	3.9	4.7		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.2
Number of new products/services introduced (per Rs. 10 crore spent)	5.2	4.7		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	57.7	56.4
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.5	1.1		Capacity Building Commission (CBC)	3.8	7.7
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.2		International bodies	11.5	5.1
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	73.1	69.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.1	13.9
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.4	4.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Avian Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Uttar Pradesh				95	97
Year of establishment	1979				18	19
Type of R&D performed	Applied R&D				45.77	39.23
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	77.8	26.3		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	355.6	300		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	5.3
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	5.6	5.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	11.1	5.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	296.3	575.8		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	33.3	31.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.3	0.5		Number of national academic collaborations measured by publications (per 100 scientific staff)	33.3	31.6
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	4.3	4.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	-11.1	0		Percentage of overall budget spent on R&D and S&T	25.5	23
Increase in women staff engaged in R&D (per 100 scientific staff)	5.6	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.3	1.5		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	3.9	8.7		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	81.9	80.8		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	1.5		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	1.7	1		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	83.3	52.6		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	150	111		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	11.1	26.3		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	283.3	236.8
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4427.8	4221.1		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	66.7	78.9
Percentage of publications in top 10% of journals	1	2		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.4	2.5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	1.1	0.5		Percentage of young scientists in scientific staff	16.7	15
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	16.7	15.8
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	2.8	3.6		Percentage of the total budget spent on training and skill up-gradation	0.1	0
Number of new products/services introduced (per Rs. 10 crore spent)	1.1	1.5		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	100	33.3
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	0.7		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0.1		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	50	66.7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	33.3	42.1
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	11.1	15.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Rice Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Odisha				2021-22	2022-23
Year of establishment	1946				394	367
					Total staff at the Lab	
					169	167
					Staff engaged in R&D	
					13.33	10.57
Type of R&D performed	Applied R&D				Total Budget of the institution (Rs. Crores)	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	19.5	22.8		Number of international collaborative projects with industry (per 100 scientific staff)	4.1	5.4
Number of projects executed (per 100 scientific staff)	58.6	86.8		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.1	5.4
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	16	12
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	4.1	10.8
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	12.4	20.4
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	223.6	409.6		Number of national academic collaborations measured by publications (per 100 scientific staff)	12.4	20.4
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	3.8	8.5		Percentage of permanent scientists and contractual researchers to overall staff	57.1	58.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.9		Percentage of overall budget spent on R&D and S&T	99	99
Increase in number of staff engaged in R&D (per 100 scientific staff)	-4.7	-4.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.1	3.2
Increase in women staff engaged in R&D (per 100 scientific staff)	0	-4.8		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	6.8	3.8		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	9.8	3.8		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	9	0.9		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	29.6	31.1		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	16.6	13.8		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0.6		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	122	107		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	28.4	27.5		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	3	6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1197	995.2		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Percentage of publications in top 10% of journals	9.7	14.5		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	3.8		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	9	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	2.3	0		Percentage of young scientists in scientific staff	67.5	64.1
Number of IPRs licensed out (per Rs. 10 crore spent)	3	15.1		Percentage of women scientists in scientific staff	30.8	26.9
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.8	1.9		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3	15.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	5.3	14.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	1		Parent ministry and department	11.2	9
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	8.4
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.8	6.4		International bodies	1.2	1.2
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	5.7	8.6		Others	1.2	0.6
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.2		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	19.5	42.5
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.5	16.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Pulses Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research					
Location		Uttar Pradesh					
Year of establishment		1993					
Type of R&D performed		Applied R&D					
Indicator		2021-22	2022-23		Total staff at the Lab		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		30.5	17.8		175		2022-23
Number of projects executed (per 100 scientific staff)		31.4	29.9		105		171
Beneficiaries of organisation's programmes		Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Staff engaged in R&D		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0		34.9		42.79
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		337.2	292.1		Total Budget of the institution (Rs. Crores)		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		1.4	0.9		Indicator		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0.2		Number of international collaborative projects with industry (per 100 scientific staff)		
Increase in number of staff engaged in R&D (per 100 scientific staff)		-17.1	0		0		0
Increase in women staff engaged in R&D (per 100 scientific staff)		-1.9	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0.3	0.2		2.9		2.8
Has your organisation set up a Section 8 company to support startups?		No	No		Number of international academic collaborations measured by publications (per 100 scientific staff)		
Number of startups supported through:					30.5		29
Training (per Rs. 10 crore spent)		0	0		Number of national collaborative projects with industry (per 100 scientific staff)		
Consultancy services (per Rs. 10 crore spent)		0	0		0		0
Research support (per Rs. 10 crore spent)		0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		
Mentorship (per Rs. 10 crore spent)		0.3	0.2		18.1		15.9
Other forms of support (per Rs. 10 crore spent)		0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		18.1		15.9
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		Percentage of permanent scientists and contractual researchers to overall staff		
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		62.9		64.3
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		18.1	9.3		Percentage of overall budget spent on R&D and S&T		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		18.1	9.3		85.5		86.5
Number of national awards and fellowships (per 100 scientific staff)		0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)		
Number of international awards and fellowships (per 100 scientific staff)		0	0		0		0
Number of publications in quality peer reviewed journals (per 100 scientific staff)		91	101		Does your organisation have procedures in place for sustainable sourcing of materials?		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0		Yes		Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		713.3	1271		Does your organisation have procedures in place to safely reclaim waste? - E-Waste		
Percentage of publications in top 10% of journals		2	2		No		No
Number of IPRs filed (per Rs. 10 crore spent)		0	1.6		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		
Number of IPRs granted (per Rs. 10 crore spent)		0	0.5		No		No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		No		No
Number of non-worked patents (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0.6	0.2		Yes		Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		8.3	4.4		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		
Number of new products/services introduced (per Rs. 10 crore spent)		8.3	6.3		No		No
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0.1		No		No
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		1	0.6		No		No
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0.1	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0		No		No
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					Yes		Yes
		1st Quartile	2nd Quartile	3rd Quartile	Has your organisation adopted any digital technologies that would enhance R&D activities?		
					Yes		Yes
					Does your organisation have necessary ethics guidelines and policies in place?		
					Yes		Yes
					Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		
					Yes		Yes
					Does your organisation have a public grievance redressal cell?		
					Yes		Yes
					Does your organisation have national accreditation/ certification for its lab procedure?		
					Yes		Yes
					Does your organisation have international accreditation/ certification for its lab procedure?		
					No		No
					Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		
					0		2.8
					Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)		
					1.9		5.6
					Are your organisation's R&D facilities available on the I-STBM national portal?		
					No		No
					Does your organisation's website follow all security protocols as mandated by the Government of India?		
					Yes		Yes
					Is your organisation's website differently-abled friendly?		
					Yes		Yes
					Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		
					Yes		Yes
					Percentage of young scientists in scientific staff		
					44.8		47.3
					Percentage of women scientists in scientific staff		
					14.9		15.2
					Are the facilities at your organisation differently-abled friendly?		
					Yes		Yes
					Percentage of the total budget spent on training and skill up-gradation		
					0.6		0.7
					Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		
					Yes		Yes
					Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		
					Yes		Yes
					Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
					Parent ministry and department		
					5.7		14.9
					Capacity Building Commission (CBC)		
					0		2.3
					International bodies		
					0		4.6
					Others		
					2.3		12.6
					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		
					22.9		29.9
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		
					6.7		10.3

Data submitted by the lab could not be validated

ICAR-Central Institute of Freshwater Aquaculture

Ministry/Department/Organisation: Indian Council of Agricultural Research
Location: Odisha
Year of establishment: 1987

Type of R&D performed	Applied R&D	
Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	17.8	8.9
Number of projects executed (per 100 scientific staff)	71.3	66.1
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1119.7	1172
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	14.3	20.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	11.9	7.1
Increase in women staff engaged in R&D (per 100 scientific staff)	5	7.1
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	2.5	4.3
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	8.9	14.3
Consultancy services (per Rs. 10 crore spent)	2.1	4.6
Research support (per Rs. 10 crore spent)	0.8	1.8
Mentorship (per Rs. 10 crore spent)	2.5	5.9
Other forms of support (per Rs. 10 crore spent)	11	19.9
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.4	1
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1.5	2.8
Number of spin-out companies generated (per Rs. 10 crore spent)	0.8	1.3
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3	1.8
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0
Number of national awards and fellowships (per 100 scientific staff)	26.7	37.5
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	60	63
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	6.9	8
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	55.4	56.3
Percentage of publications in top 10% of journals	18.4	24.6
Number of IPRs filed (per Rs. 10 crore spent)	3	1.3
Number of IPRs granted (per Rs. 10 crore spent)	3	1
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.1	0.3
Number of IPRs licensed out (per Rs. 10 crore spent)	1.1	0.8
Number of non-worked patents (per Rs. 10 crore spent)	0.2	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	2.1	3.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.4	0.5
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.8
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.5	0.8
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0

Total staff at the Lab	2021-22	2022-23
Staff engaged in R&D	137	171
Total Budget of the institution (Rs. Crores)	101	112
	47.43	39.17
Indicator	2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)	1	0
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1	0.9
Number of international academic collaborations measured by publications (per 100 scientific staff)	3	0.9
Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	50.5	56.3
Number of national academic collaborations measured by publications (per 100 scientific staff)	50.5	56.3
Percentage of permanent scientists and contractual researchers to overall staff	86.5	84.3
Percentage of overall budget spent on R&D and S&T	89.2	85.7
R&D expenditure on green technologies (per Rs. 10 crore spent)	0.3	0.5
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	3	1.8
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	5	5.4
Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	No	No
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Percentage of young scientists in scientific staff	46.5	51.8
Percentage of women scientists in scientific staff	22.6	30.5
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	0	0.1
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	72.6	85.2
Capacity Building Commission (CBC)	90	90
International bodies	2	5
Others	0	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	31.7	39.3
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.8	10.7

ICAR-Directorate of Coldwater Fisheries Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research				
Location		Uttarakhand			2021-22	2022-23
Year of establishment		1987		Total staff at the Lab	117	112
				Staff engaged in R&D	40	35
				Total Budget of the institution (Rs. Crores)	15.16	17.19
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	10	22.9		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	87.5	125.7		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	72.5	108.6		Number of national collaborative projects with industry (per 100 scientific staff)	2.5	5.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	364.6	257		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.5	8.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.3	1.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	7.5	8.6
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	55.2	42.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	2.5	2.9		Percentage of overall budget spent on R&D and S&T	80.5	66.8
Increase in women staff engaged in R&D (per 100 scientific staff)	0	2.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	15	17.1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	12.5	8.6		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	123	86		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.5	2.9		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1422.5	657.1		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	38.7	36		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	4	0.6		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	2.6	0.6		Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.6		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.6		Percentage of young scientists in scientific staff	65.4	59.5
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	45.8	45
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	1.2		Percentage of the total budget spent on training and skill up-gradation	7.1	7.3
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	1.5		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	32.5	20
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10	5.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute of Brackishwater Aquaculture

Ministry/Department/Organisation:	Indian Council of Agricultural Research				
Location	Tamil Nadu			2021-22	2022-23
Year of establishment	1987			139	146
Type of R&D performed	Applied R&D			Staff engaged in R&D	112
Indicator	2021-22	2022-23		Total Budget of the institution (Rs. Crores)	62.19
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.8	3.6			
Number of projects executed (per 100 scientific staff)	38.1	35.7			
Beneficiaries of organisation's programmes					
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	182.2	103.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.3	1.1		Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2		Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	1	5.4		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	11.4
Increase in women staff engaged in R&D (per 100 scientific staff)	-7.6	5.4		Number of national academic collaborations measured by publications (per 100 scientific staff)	13.4
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.8	0.5		Percentage of permanent scientists and contractual researchers to overall staff	86.1
Has your organisation set up a Section 8 company to support startups?	No	No		Percentage of overall budget spent on R&D and S&T	57.6
Number of startups supported through:				R&D expenditure on green technologies (per Rs. 10 crore spent)	0
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes
Consultancy services (per Rs. 10 crore spent)	0.7	0.3		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes
Research support (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.3	0.3		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.8	3.6		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	73	61		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	760	323.2		Does your organisation have national accreditation/ certification for its lab procedure?	Yes
Percentage of publications in top 10% of journals	38.7	36		Does your organisation have international accreditation/ certification for its lab procedure?	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.2	0.2		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.9
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0.2	0.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.7	0.5		Percentage of young scientists in scientific staff	16.4
Number of new products/services introduced (per Rs. 10 crore spent)	0	0.2		Percentage of women scientists in scientific staff	23.8
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Are the facilities at your organisation differently-abled friendly?	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	1.8		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.1		Parent ministry and department	20.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0
				International bodies	3.7
				Others	16.6
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.9
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Soil Salinity Research Institute

Ministry/Department/Organisation:		Indian Council of Agricultural Research				
Location	Haryana					
Year of establishment	1969		Total staff at the Lab		2021-22	2022-23
Type of R&D performed	Applied R&D			Staff engaged in R&D	84	78
				Total Budget of the institution (Rs. Crores)	43.4	41.38
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	7.1	6.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	6	6.4
Number of projects executed (per 100 scientific staff)	83.3	79.5				
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	1.2	2.6
Beneficiaries of organisation's programmes						
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	2.4	3.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	230.4	328.7		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	34.5	43.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	34.5	43.6
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	43.3	39.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	-20.2	3.8		Percentage of overall budget spent on R&D and S&T	100	100
Increase in women staff engaged in R&D (per 100 scientific staff)	0	3.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.1	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:						
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	21.4	23.1		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	174	165		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	6428.6	6089.7		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	8.3	10.3
Percentage of publications in top 10% of journals	0.8	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	6	1.3
Number of IPRs filed (per Rs. 10 crore spent)	0	0.2		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	25.6	28.5
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	15.4	19.5
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.2	0.5		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.3
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.1	0.8		Parent ministry and department	85.7	50
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.1		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.3		International bodies	0	50
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.1	0.1		Others	42.9	0
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	21.4	19.2
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.3	5.1
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute For Cotton Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				
Location	Maharashtra			2021-22	2022-23
Year of establishment	1976			213	210
			Total staff at the Lab		
			Staff engaged in R&D	147	144
			Total Budget of the institution (Rs. Crores)	12.46	11.19
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6.8	13.2	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	63.3	48.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	1.4	2.8
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	38.8	152.8	Number of national collaborative projects with industry (per 100 scientific staff)	7.5	4.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	47.4	59	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.5	6.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.6	5.4	Number of national academic collaborations measured by publications (per 100 scientific staff)	9.5	6.3
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	71.7	72
Increase in number of staff engaged in R&D (per 100 scientific staff)	4.8	-0.7	Percentage of overall budget spent on R&D and S&T	100	100
Increase in women staff engaged in R&D (per 100 scientific staff)	2.7	-0.7	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	5.6	9.8	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training (per Rs. 10 crore spent)	5.6	9.8	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	5.6	9.8	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	4.8	9.7	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	4.8	2.8	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0.7	0.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	44	48	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.4	1.4	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	466	481.9	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	10.2	18.8
Percentage of publications in top 10% of journals	7.8	4.4	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	3.2	8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.8	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	8.9	Percentage of young scientists in scientific staff	43.4	43.5
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	24.4	24.5
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	4.5	Percentage of the total budget spent on training and skill up-gradation	0	1.3
Number of new products/services introduced (per Rs. 10 crore spent)	0.8	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	52	30
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.3	2	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	7.6	8.9	International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Others	48	70
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	15	25.7
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.1	6.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Bureau of Fish Genetic Resources

Ministry/Department/Organisation:		Indian Council of Agricultural Research				
Location		Uttar Pradesh				
Year of establishment		1983		Total staff at the Lab	2021-22	2022-23
					184	186
				Staff engaged in R&D	67	69
				Total Budget of the institution (Rs. Crores)	3.01	5.75
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.5	1.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	68.7	66.7		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	3	2.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	20.9	13		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	2900.3	1000		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	3	2.9
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	3	2.9
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	1.7		Percentage of permanent scientists and contractual researchers to overall staff	69.4	69.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	1.4		Percentage of overall budget spent on R&D and S&T	11.8	8.3
Increase in women staff engaged in R&D (per 100 scientific staff)	0	1.4		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	22.4	69.6		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	22.4	69.6		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	84	101		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	764.2	1007.2		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	59.7	69.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	41.9	42.5
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.6	0.2
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	50
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	10	10		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	26.9	12.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	73.1	37.5
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	22.4	5.8
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3	2.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Institute of Farming Systems Research

Ministry/Department/Organisation: Indian Council of Agricultural Research
Location: Uttar Pradesh
Year of establishment: 1989

Type of R&D performed	Applied R&D	
Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	17.4
Number of projects executed (per 100 scientific staff)	104.2	113
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	6653.8	2093.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	3.9	4.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1	1.9
Increase in number of staff engaged in R&D (per 100 scientific staff)	-2.1	10.9
Increase in women staff engaged in R&D (per 100 scientific staff)	4.2	10.9
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	4.4	5.2
Consultancy services (per Rs. 10 crore spent)	2.4	3.3
Research support (per Rs. 10 crore spent)	0	0
Mentorship (per Rs. 10 crore spent)	4.4	5.2
Other forms of support (per Rs. 10 crore spent)	5.4	5.7
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1	1.4
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	16.7	21.7
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0
Number of national awards and fellowships (per 100 scientific staff)	0	0
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	85
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	520.8	760.9
Percentage of publications in top 10% of journals	25.6	36
Number of IPRs filed (per Rs. 10 crore spent)	0	0
Number of IPRs granted (per Rs. 10 crore spent)	0	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	4.9	5.7
Number of new products/services introduced (per Rs. 10 crore spent)	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0.1
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0.2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.2	0.3

Total staff at the Lab: 104
Staff engaged in R&D: 48
Total Budget of the institution (Rs. Crores): 20.45

2021-22: 104, 48, 20.45
2022-23: 102, 46, 21.14

Indicator	2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.2	8.7
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of national collaborative projects with industry (per 100 scientific staff)	8.3	4.3
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Percentage of permanent scientists and contractual researchers to overall staff	48	57
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	7.3	6.6
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Does your organisation have international accreditation/ certification for its lab procedure?	No	Yes
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	Yes	Yes
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Percentage of young scientists in scientific staff	58.8	62.3
Percentage of women scientists in scientific staff	23.6	24.4
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	0.1	0.2
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	100	100
Capacity Building Commission (CBC)	0	0
International bodies	0	0
Others	0	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.8	21.7
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.2	4.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute for Arid Horticulture

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Rajasthan				2021-22	2022-23
Year of establishment	1993			Total staff at the Lab	98	118
Type of R&D performed	Applied R&D			Staff engaged in R&D	33	29
				Total Budget of the institution (Rs. Crores)	21.38	22.45
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	36.4	55.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	9.8	36.5		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	3	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.9	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	3	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	29.2	24
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	0		Percentage of overall budget spent on R&D and S&T	3.9	5.1
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	52	100		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	33.3	6.9		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2354.5	3003.4		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0.4		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	53.6	53.6
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	4.7	4.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.7	3.1		Percentage of the total budget spent on training and skill up-gradation	0.1	0.1
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.5		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	3.6	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.1	6.9
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3	3.4

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Potato Research Institute

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Himachal Pradesh
1949

Type of R&D performed

Applied R&D

Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.2	1.3	
Number of projects executed (per 100 scientific staff)	13.1	14.3	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	164.7	360.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.2	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-8.3	-5.2	
Increase in women staff engaged in R&D (per 100 scientific staff)	3.6	-5.2	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.4	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0.4	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.4	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0.4	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0.4	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	38.1	36.4	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	95	101	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.4	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	645.2	1394.8	
Percentage of publications in top 10% of journals	0	0	
Number of IPRs filed (per Rs. 10 crore spent)	0.9	0.9	
Number of IPRs granted (per Rs. 10 crore spent)	0.4	0.9	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.1	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.6	0.1	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.4	0.6	
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.1	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

2022-23

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	1.2	1.3	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	17.9	13	
Number of national collaborative projects with industry (per 100 scientific staff)	2.4	1.3	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	0	
Number of national academic collaborations measured by publications (per 100 scientific staff)	1.2	0	
Percentage of permanent scientists and contractual researchers to overall staff	25.7	24.7	
Percentage of overall budget spent on R&D and S&T	43	38	
R&D expenditure on green technologies (per Rs. 10 crore spent)	5	4.8	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	52.2	50.1	
Percentage of women scientists in scientific staff	29.1	29.8	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0.2	0	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	21.2	13.1	
Capacity Building Commission (CBC)	1.5	1.6	
International bodies	0	3.3	
Others	4.6	3.2	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	11.9	13	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6	1.3	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Research Complex for Eastern Region

Ministry/Department/Organisation:

Location

Year of establishment

Bihar

Indian Council of Agricultural Research

2001

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

80

78

Total Budget of the institution (Rs. Crores)

35.55

40.26

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

115

115.4

Beneficiaries of organisation's programmes

Individuals, NGOs

Individuals, NGOs

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

1160.3

1081.7

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

9.6

1.2

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-6.3

0

Increase in women staff engaged in R&D (per 100 scientific staff)

-1.3

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

3.7

1.5

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

2.5

1.5

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0.6

0.2

Other forms of support (per Rs. 10 crore spent)

0.6

0.5

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

33.8

34.6

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

15

17

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1653.8

1873.1

Percentage of publications in top 10% of journals

10

11

Number of IPRs filed (per Rs. 10 crore spent)

0.3

0

Number of IPRs granted (per Rs. 10 crore spent)

0

1.7

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

3.5

Number of IPRs licensed out (per Rs. 10 crore spent)

0.3

2.5

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.6

0.5

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

1.7

0.8

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

3.8

3.8

Number of international academic collaborations measured by publications (per 100 scientific staff)

7.5

10.3

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

13.8

12.8

Number of national academic collaborations measured by publications (per 100 scientific staff)

13.8

12.8

Percentage of permanent scientists and contractual researchers to overall staff

49.4

47.3

Percentage of overall budget spent on R&D and S&T

13.7

11.6

R&D expenditure on green technologies (per Rs. 10 crore spent)

1

0.9

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

63.8

61.5

Percentage of women scientists in scientific staff

36.9

45

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.1

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

28.9

14.3

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

1

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

15

5.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

5

2.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab

ICAR-National Research Centre on Pomegranate

Ministry/Department/Organisation:	Indian Council of Agricultural Research							
Location	Maharashtra							
Year of establishment	2005				Total staff at the Lab	2021-22	2022-23	
					Staff engaged in R&D	56	63	
					Total Budget of the institution (Rs. Crores)	22	29	
Type of R&D performed	Applied R&D					4.03	3.65	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	22.7	31		Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	59.1	27.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0		
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	9.1	3.4		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1389.6	1638.4		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.6	10.3		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	5	5.5		Number of national academic collaborations measured by publications (per 100 scientific staff)	13.6	10.3		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.5	2.7		Percentage of permanent scientists and contractual researchers to overall staff	12	11		
Increase in number of staff engaged in R&D (per 100 scientific staff)	40.9	17.2		Percentage of overall budget spent on R&D and S&T	63.2	75.9		
Increase in women staff engaged in R&D (per 100 scientific staff)	22.7	17.2		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes		
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes		
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes		
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes		
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes		
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	22.7	51.7		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	109	72		Does your organisation have international accreditation/certification for its lab procedure?	No	No		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	7181.8	7724.1		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0		
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No		
Number of IPRs filed (per Rs. 10 crore spent)	0	11		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Number of IPRs granted (per Rs. 10 crore spent)	5	5.5		Is your organisation's website differently-abled friendly?	Yes	Yes		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No		
Number of IPRs licensed out (per Rs. 10 crore spent)	0	2.7		Percentage of young scientists in scientific staff	63.3	69.6		
Number of non-worked patents (per Rs. 10 crore spent)	0	2.7		Percentage of women scientists in scientific staff	36.4	39.5		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	2.7		Percentage of the total budget spent on training and skill up-gradation	1	1.4		
Number of new products/services introduced (per Rs. 10 crore spent)	7.4	8.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	2.8		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.5	4.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	31.3	25		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	2.8		Capacity Building Commission (CBC)	0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	2.3	4		International bodies	0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	31.8	24.1		
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	22.7	13.8		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Directorate of Poultry Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23	
Location	Telangana				61	58	
Year of establishment	1988				Staff engaged in R&D	37	34
Type of R&D performed	Applied R&D				Total Budget of the institution (Rs. Crores)	28.6	29.69
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	64.9	73.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	127	120.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.4	5.9	
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	5.4	8.8	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	108.7	15.8		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	18.9	26.5	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	18.9	26.5	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	49.3	48.6	
Increase in number of staff engaged in R&D (per 100 scientific staff)	2.7	-5.9		Percentage of overall budget spent on R&D and S&T	55	55	
Increase in women staff engaged in R&D (per 100 scientific staff)	0	-5.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	81	94		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	2.7	2.9	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	286.5	432.4		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Percentage of publications in top 10% of journals	13.3	6.3		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0.7	1.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.7		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.3	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.3	0		Percentage of young scientists in scientific staff	27	17.6	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	21.6	17.7	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	5.2	5.1		Percentage of the total budget spent on training and skill up-gradation	0.1	0.3	
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	10	10	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.1	1.7		Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.1		International bodies	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	6.6	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0.2		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.1	11.8	
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.8	2.9	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Plantation Crops Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

Kerala

1916

2021-22

2022-23

Total staff at the Lab

285

267

Staff engaged in R&D

105

101

Total Budget of the institution (Rs. Crores)

11.69

10.71

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

13.3

11.9

Number of projects executed (per 100 scientific staff)

22.9

30.7

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

10.5

13.9

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

188.2

197.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.9

7.5

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.9

Increase in number of staff engaged in R&D (per 100 scientific staff)

-1.9

0

Increase in women staff engaged in R&D (per 100 scientific staff)

0

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

5.1

6.5

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

59.9

84

Consultancy services (per Rs. 10 crore spent)

10.3

14.9

Research support (per Rs. 10 crore spent)

2.6

3.7

Mentorship (per Rs. 10 crore spent)

5.1

8.4

Other forms of support (per Rs. 10 crore spent)

17.1

23.3

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

2.6

5.6

Number of spin-out companies generated (per Rs. 10 crore spent)

0.9

0.9

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

1

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

30.5

43.6

Number of national awards and fellowships (per 100 scientific staff)

1

1

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

43

44

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

501

296

Percentage of publications in top 10% of journals

21.3

22.1

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

1.7

4.7

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

14.5

16.8

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

14.5

16.8

Number of new products/services introduced (per Rs. 10 crore spent)

5.1

1.9

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.6

0.8

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.3

0.5

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

5.7

5.9

Number of national collaborative projects with industry (per 100 scientific staff)

1.9

2

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.9

3

Number of national academic collaborations measured by publications (per 100 scientific staff)

1.9

3

Percentage of permanent scientists and contractual researchers to overall staff

21.8

23.3

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

47.4

62.2

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

1.9

1

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

38.1

50.5

Are your organisation's R&D facilities available on the I-STBM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

53.9

56.5

Percentage of women scientists in scientific staff

48.1

50.2

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.5

2.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

100

100

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.9

5.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

4.8

6.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Sugarcane Breeding Institute

Ministry/Department/Organisation:		Indian Council of Agricultural Research					
Location	Tamil Nadu						
Year of establishment	1912				2021-22	2022-23	
					175	178	
Type of R&D performed	Applied R&D				Total staff at the Lab		
					Staff engaged in R&D	78	
					Total Budget of the institution (Rs. Crores)	80	
						47.65	
						48.46	
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	14.1	16.3			Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	179.5	196.3			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments					
Beneficiaries of organisation's programmes					Number of international academic collaborations measured by publications (per 100 scientific staff)	6.4	2.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	32.1	37.5			Number of national collaborative projects with industry (per 100 scientific staff)	3.8	3.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	10.5	12.4			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	3.8	3.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2			Number of national academic collaborations measured by publications (per 100 scientific staff)	3.8	3.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0			Percentage of permanent scientists and contractual researchers to overall staff	80	80
Increase in number of staff engaged in R&D (per 100 scientific staff)	3.8	5			Percentage of overall budget spent on R&D and S&T	90	90
Increase in women staff engaged in R&D (per 100 scientific staff)	6.4	5			R&D expenditure on green technologies (per Rs. 10 crore spent)	21	20.6
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.6	0.6			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	1	1			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	1	0.4			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.4	0.4			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.4	0.4			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	3.1	2.1			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.6	0.6			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	9	3.8			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	1.3	1.3			Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	84			Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	291	492.5			Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	21	22.4			Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	1.3	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.2	0.4			Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0.2	0			Percentage of young scientists in scientific staff	30.7	31.4
Number of non-worked patents (per Rs. 10 crore spent)	0	0			Percentage of women scientists in scientific staff	40.1	39.4
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0			Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	4.2	3.7			Percentage of the total budget spent on training and skill up-gradation	10	12
Number of new products/services introduced (per Rs. 10 crore spent)	0.8	0.4			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Parent ministry and department	76	82.4
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0			Capacity Building Commission (CBC)	12	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			International bodies	2	2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			Others	3	6
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	21.8	16.3
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	57.7	26.3
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-National Research Centre on Mithun

Ministry/Department/Organisation:		Indian Council of Agricultural Research				
Location	Nagaland					
Year of establishment	1988			Total staff at the Lab	2021-22	2022-23
				Staff engaged in R&D	23	23
Type of R&D performed	Applied R&D			Total Budget of the institution (Rs. Crores)	9.87	10.45
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	17.4	8.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	39.1	47.8		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals	Individuals		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	8.7	8.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	3164.1	3468.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	8.7	8.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2	2.9		Percentage of permanent scientists and contractual researchers to overall staff	70	63
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	21.7	17.4		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	13	17.4		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	Yes	Yes		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	37.5	44		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	13	17.4		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	9	17		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	73.9	69.6		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Percentage of publications in top 10% of journals	0	2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	12.2	3.8		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	12.2	3.8		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	6.1	1.9		Percentage of young scientists in scientific staff	73.9	67.5
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	42	27.7
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	5	10
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	9.1	9.6		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	6	6
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	26.1	26.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.3	0
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
				1st Quartile	2nd Quartile	3rd Quartile
				4th Quartile		

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICAR-National Institute of Veterinary Epidemiology and Disease Informatics

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Karnataka					
Year of establishment	2000			Total staff at the Lab	2021-22	2022-23
					88	114
				Staff engaged in R&D	80	106
Type of R&D performed	Basic R&D, Applied R&D			Total Budget of the institution (Rs. Crores)	14.39	15.27
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	4.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	4.7		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.3	0.9
Number of projects executed (per 100 scientific staff)	15	10.4		Number of international academic collaborations measured by publications (per 100 scientific staff)	2.5	3.8
Beneficiaries of organisation's programmes	Government Departments	Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	6.3	4.7
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	10	7.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	66.7	212.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	10	7.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.7		Percentage of permanent scientists and contractual researchers to overall staff	90.9	93
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.7		Percentage of overall budget spent on R&D and S&T	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	11.8	22.9		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	4.9	9.2		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	4.2	1.3		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	30	26.4		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	12.5	9.4		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	49	49		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.5	0.9		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	15	13.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	310	258.5		Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	32	36		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	2.8	7.9		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	2.8	2		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.7	0.7		Percentage of young scientists in scientific staff	84.1	79.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	40.2	43
Number of non-worked patents (per Rs. 10 crore spent)	1.4	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	2.8	2.6		Percentage of the total budget spent on training and skill up-gradation	0	0.4
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	9	9
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	4.7	3.9		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	4.5	4.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	20	32.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	23.8	35.8

Select data was used for analysis. Quartiles not calculated for lab

ICAR-National Research Centre on Equine

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Haryana
1985

2021-22
2022-23

Type of R&D performed

Basic R&D, Applied R&D

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22
2022-23

Indicator

2021-22
2022-23

Indicator

2021-22
2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

9.1
8.9

Number of international collaborative projects with industry (per 100 scientific staff)

0
0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

20.5
22.2

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0
0

Number of projects executed (per 100 scientific staff)

88.6
86.7

Number of international academic collaborations measured by publications (per 100 scientific staff)

0
0

Beneficiaries of organisation's programmes

Individuals,
Industry,
Government
Departments
Individuals,
Industry,
Government
Departments

Number of national collaborative projects with industry (per 100 scientific staff)

0
0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0
0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0
0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

149.5
320.3

Number of national academic collaborations measured by publications (per 100 scientific staff)

0
0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

3.6
4.2

Percentage of permanent scientists and contractual researchers to overall staff

53.7
54.8

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0
0

Percentage of overall budget spent on R&D and S&T

48.4
47.6

Increase in number of staff engaged in R&D (per 100 scientific staff)

22.7
8.9

R&D expenditure on green technologies (per Rs. 10 crore spent)

0
0

Increase in women staff engaged in R&D (per 100 scientific staff)

20.5
8.9

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes
Yes

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No
No

Has your organisation set up a Section 8 company to support startups?

No
No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes
Yes

Number of startups supported through:

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes
Yes

Training (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes
Yes

Consultancy services (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes
Yes

Research support (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes
Yes

Mentorship (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes
Yes

Other forms of support (per Rs. 10 crore spent)

0
0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes
Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0
0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes
Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0
0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes
Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0
0

Does your organisation have necessary ethics guidelines and policies in place?

Yes
Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

9.1
13.3

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes
Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0
0

Does your organisation have a public grievance redressal cell?

Yes
Yes

Number of national awards and fellowships (per 100 scientific staff)

0
0

Does your organisation have national accreditation/ certification for its lab procedure?

Yes
Yes

Number of international awards and fellowships (per 100 scientific staff)

0
0

Does your organisation have international accreditation/ certification for its lab procedure?

No
No

Number of publications in quality peer reviewed journals (per 100 scientific staff)

48
87

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0
0

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

2.3
2.2

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

43.2
20

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

879.5
533.3

Are your organisation's R&D facilities available on the I-STEM national portal?

No
No

Percentage of publications in top 10% of journals

38.1
15.4

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes
Yes

Number of IPRs filed (per Rs. 10 crore spent)

12.2
1.4

Is your organisation's website differently-abled friendly?

No
No

Number of IPRs granted (per Rs. 10 crore spent)

0
1.4

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No
No

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0
0

Percentage of young scientists in scientific staff

3.4
3.4

Number of IPRs licensed out (per Rs. 10 crore spent)

0
0

Percentage of women scientists in scientific staff

36.2
39

Number of non-worked patents (per Rs. 10 crore spent)

0
0

Are the facilities at your organisation differently-abled friendly?

Yes
Yes

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

1.2
1.4

Percentage of the total budget spent on training and skill up-gradation

21.4
22.3

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

4.9
5.6

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes
Yes

Number of new products/services introduced (per Rs. 10 crore spent)

2.4
2.8

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes
Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

1.7
5.9

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

25
6.7

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.9
5

Parent ministry and department

0
0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0
0

Capacity Building Commission (CBC)

2.3
0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.7
1

International bodies

0
0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0
0

Others

27.3
17.8

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0
0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

4.5
4.4

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0
0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

4.5
4.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile
2nd Quartile
3rd Quartile
4th Quartile

Data submitted by the lab could not be validated

ICAR-National Research Centre on Pig

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Assam
2002

Total staff at the Lab
Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

2021-22
33
22
7.34

2022-23
37
26
6.39

Type of R&D performed

Basic R&D, Applied R&D

Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	27.3	23.1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	27.3	23.1	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	31.8	46.2	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	4.5	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	13.6	19.2	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.6	11.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	348.8	1428.8	Number of national academic collaborations measured by publications (per 100 scientific staff)	13.6	11.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.4	1.6	Percentage of permanent scientists and contractual researchers to overall staff	71.7	72.9
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	22.7	7.7	R&D expenditure on green technologies (per Rs. 10 crore spent)	16.2	22.6
Increase in women staff engaged in R&D (per 100 scientific staff)	13.6	7.7	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	8.2	15.6	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	5.4	9.4	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	1.4	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	2.7	4.7	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	4.1	3.1	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	4.1	3.1	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	1.6	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1.4	3.1	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	15.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	9.1	7.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	5	15	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	9.1	7.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	13.6	11.5
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1472.7	1276.9	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	5.4	6.3	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	15.6	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	46.8	53.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	27.5	20.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	13.6	14.1	Percentage of the total budget spent on training and skill up-gradation	5	5
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	2.7	4.7	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	4.1	4.7	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.4	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	5	5
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	8.5	7	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	27.3	34.6
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	13.6	15.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute for Research on Goats

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

Uttar Pradesh

1979

2021-22

2022-23

Total staff at the Lab

194

186

Staff engaged in R&D

53

52

Total Budget of the institution (Rs. Crores)

5.88

5.54

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

20.8

13.5

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

20.8

13.5

Number of projects executed (per 100 scientific staff)

73.6

75

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

13.2

11.5

Number of national academic collaborations measured by publications (per 100 scientific staff)

13.2

11.5

Percentage of permanent scientists and contractual researchers to overall staff

28.7

32.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

34

39.4

Does your organisation have procedures in place for sustainable sourcing of materials?

1.7

1.8

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

66.7

70.2

Percentage of women scientists in scientific staff

23.8

24.3

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.2

0.7

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

15.1

5.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

5.7

1.9

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Indian Veterinary Research Institute

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

Uttar Pradesh

1889

Total staff at the Lab

2021-22

2022-23

914

715

Staff engaged in R&D

279

267

Total Budget of the institution (Rs. Crores)

377.16

408.94

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

39.8

39.7

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

2.5

2.3

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-5

-1.9

Increase in women staff engaged in R&D (per 100 scientific staff)

-4.7

-1.9

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0.1

Has your organisation set up a Section 8 company to support startups?

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0.2

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0.1

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

64.9

88.8

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0.4

Number of national awards and fellowships (per 100 scientific staff)

0

0.4

Number of international awards and fellowships (per 100 scientific staff)

0

0.7

Number of publications in quality peer reviewed journals (per 100 scientific staff)

137

160

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0.4

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

3180.3

1698.1

Percentage of publications in top 10% of journals

2.9

4.7

Number of IPRs filed (per Rs. 10 crore spent)

0.2

0.1

Number of IPRs granted (per Rs. 10 crore spent)

0.2

0.2

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.1

0.1

Number of IPRs licensed out (per Rs. 10 crore spent)

0.1

0.1

Number of non-worked patents (per Rs. 10 crore spent)

0.1

0.1

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.1

0

Number of new products/services introduced (per Rs. 10 crore spent)

0.1

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.5

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.7

0.7

Number of international academic collaborations measured by publications (per 100 scientific staff)

37.3

44.9

Number of national collaborative projects with industry (per 100 scientific staff)

0.7

0.7

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

7.2

7.5

Number of national academic collaborations measured by publications (per 100 scientific staff)

7.2

7.5

Percentage of permanent scientists and contractual researchers to overall staff

44.2

44.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

19.2

19

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

17.2

16.9

Percentage of women scientists in scientific staff

12.7

12.4

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.1

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

89.1

Parent ministry and department

100

10.9

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

11.1

9.7

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

3.6

1.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

ICAR-Directorate of Onion and Garlic Research

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Maharashtra
1998

Total staff at the Lab

2021-22 55

2022-23 55

Staff engaged in R&D

33

35

Total Budget of the institution (Rs. Crores)

13.17

16.26

Type of R&D performed

Basic R&D, Applied R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	18.2	11.4	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6.1	0	
Number of projects executed (per 100 scientific staff)	93.9	114.3	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1300	1082.9	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1324.2	345.6	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	1.2	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-3	0	
Increase in women staff engaged in R&D (per 100 scientific staff)	3	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	2.5	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	2.5	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	91	114	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	587.9	825.7	
Percentage of publications in top 10% of journals	0.1	0	
Number of IPRs filed (per Rs. 10 crore spent)	0	0	
Number of IPRs granted (per Rs. 10 crore spent)	0	0.6	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.6	
Number of IPRs licensed out (per Rs. 10 crore spent)	3.8	4.9	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.8	4.9	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1	0.8	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.5	0.1	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.3	0.8	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	9.1	14.3	
Number of national collaborative projects with industry (per 100 scientific staff)	9.1	22.9	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6.1	5.7	
Number of national academic collaborations measured by publications (per 100 scientific staff)	6.1	5.7	
Percentage of permanent scientists and contractual researchers to overall staff	64.7	61.4	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	11	6.4	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	No	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	15.2	62.9	
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	No	No	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Percentage of young scientists in scientific staff	20.9	20	
Percentage of women scientists in scientific staff	34.9	33.3	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0.8	0.8	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	6	3	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	6	9	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	27.3	28.6	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.1	14.3	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Citrus Research Institute

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Maharashtra
1985

Type of R&D performed

Basic R&D, Applied R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

167

173

35

41

16.76

17.48

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.9

4.9

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.9

4.9

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

102.9

92.7

Number of international academic collaborations measured by publications (per 100 scientific staff)

42.9

4.9

Beneficiaries of organisation's programmes

Individuals, NGOs, Industry, Government Departments

Individuals, NGOs, Industry, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

22.9

22

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

985.7

796.3

Number of national academic collaborations measured by publications (per 100 scientific staff)

22.9

22

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.6

0.6

Percentage of permanent scientists and contractual researchers to overall staff

42.7

48.8

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Percentage of overall budget spent on R&D and S&T

14.1

13.1

Increase in number of staff engaged in R&D (per 100 scientific staff)

-34.3

0

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Increase in women staff engaged in R&D (per 100 scientific staff)

-17.1

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Consultancy services (per Rs. 10 crore spent)

0.6

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Research support (per Rs. 10 crore spent)

0.6

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

34.3

24.4

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

106

46

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1042.9

209.8

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Percentage of publications in top 10% of journals

13.3

11.8

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Number of IPRs filed (per Rs. 10 crore spent)

0

0.6

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0.6

1.1

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

49

58.6

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

11.3

10.3

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.6

1.1

Percentage of the total budget spent on training and skill up-gradation

2.3

3

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.3

0.4

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.1

0

International bodies

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

8.6

9.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

2.4

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Sheep and Wool Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Rajasthan				154	154
Year of establishment	1962				45	49
	Total staff at the Lab				42.71	40.91
	Staff engaged in R&D					
	Total Budget of the institution (Rs. Crores)					
Type of R&D performed	Basic R&D, Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.2	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	15.6	20.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	88.9	83.7		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	26.7	24.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	26.7	24.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	328	327.3		Percentage of permanent scientists and contractual researchers to overall staff	27.7	27.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.5		Percentage of overall budget spent on R&D and S&T	38.6	36.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0.2	0.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	-24.4	6.1		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-2.2	6.1		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.9	5.4		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.2	0.2		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	24.4	18.4		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	87	76		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	44.4	36.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STM national portal?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	604.4	551		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	No
Percentage of publications in top 10% of journals	33.3	29.7		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.9	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0.7		Percentage of young scientists in scientific staff	46.7	46.9
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	27.5	45
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	3.5	3.7		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	4.7	3.4		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	15.6	18.4
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0.2		Others	4.4	6.1
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.8	53.1
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	8.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile						
Data submitted by the lab could not be validated						

ICAR-Directorate of Medicinal and Aromatic Plants Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Gujarat		2021-22	2022-23
Year of establishment		1992		57	51
Type of R&D performed		Basic R&D, Applied R&D		Total staff at the Lab	
				Staff engaged in R&D	23
				Total Budget of the institution (Rs. Crores)	10.15
					9.15
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.3	11.1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	34.8	44.4	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	91.3	116.7	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	43.5	83.3	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	21.7	27.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1379.3	1569.4	Number of national academic collaborations measured by publications (per 100 scientific staff)	21.7	27.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	40.4	35.3
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	87	82
Increase in number of staff engaged in R&D (per 100 scientific staff)	-30.4	-22.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	-8.7	-22.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	20.7	3.3	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	9.9	16.4	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	9.9	16.4	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	9.9	16.4	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	9.9	16.4	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Other forms of support (per Rs. 10 crore spent)	9.9	16.4	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	2	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	19.7	1.1	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	8.7	16.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	91	89	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	4.9	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	2	1.1	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	1.1	Percentage of young scientists in scientific staff	36.7	27.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	14.2	9.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.2	0.1
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.5	1.1	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	13	5.6
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated		
			1st Quartile	2nd Quartile	3rd Quartile
			4th Quartile		

ICAR-Central Institute for Research on Cotton Technology

Ministry/Department/Organisation:		Indian Council of Agricultural Research						
Location		Maharashtra						
Year of establishment		1924						
						2021-22	2022-23	
						148	128	
						36	33	
						7.02	6.19	
Indicator		2021-22	2022-23			Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		33.3	36.4			Number of international collaborative projects withindustry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		33.3	36.4			Number of international collaborative projects withacademic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)		86.1	84.8			Number of international academic collaborations measured by publications (per 100 scientific staff)	2.8	0
		Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			Number of national collaborative projects withindustry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes						Number of national collaborative projects withacademic institutions and research labs (per 100 scientific staff)	5.6	15.2
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		58.3	78.8			Number of national academic collaborations measured by publications (per 100 scientific staff)	5.6	15.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		1545.6	11024.2			Percentage of permanent scientists and contractual researchers to overall staff	24	26
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		51.3	51.7			Percentage of overall budget spent on R&D and S&T	28	24
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0			R&D expenditure on green technologies (per Rs. 10 crore spent)	4.6	0.9
Increase in number of staff engaged in R&D (per 100 scientific staff)		2.8	-12.1			Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in women staff enaged in R&D (per 100 scientific staff)		-5.6	-12.1			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		15.7	32.3			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?		No	No			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:						Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)		0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)		17.1	21			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)		0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Mentorship (per Rs. 10 crore spent)		0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)		0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		2.8	3.2			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		2.8	3			Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		5.6	9.1			Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)		0	0			Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)		0	0			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)		69	79			Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0			Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		327.8	321.2			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals		3	4			Is your organisation's website differently-abled friendly?	No	Yes
Number of IPRs filed (per Rs. 10 crore spent)		4.3	1.6			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)		0	1.6			Percentage of young scientists in scientific staff	50.2	49.6
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	1.6			Percentage of women scientists in scientific staff	33.5	27.2
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0			Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)		0	0			Percentage of the total budget spent on training and skill up-gradation	0.6	0.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		4.3	6.5			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)		17.1	14.5			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		3.3	2.5			Parent ministry and department	57	27
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0.1			Capacity Building Commision (CBC)	0	33
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		7.3	2.3			Others	10	13
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	27.8	24.2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16.7	9.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

ICAR-National Meat Research Institute

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Telangana		2021-22	2022-23
Year of establishment		1999		54	53
Type of R&D performed		Basic R&D, Applied R&D		Total staff at the Lab	
				Staff engaged in R&D	34
				Total Budget of the institution (Rs. Crores)	2.88
					2.56
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	55.9	15.8	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	55.9	15.8	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	5.3
Number of projects executed (per 100 scientific staff)	100	50	Number of international academic collaborations measured by publications (per 100 scientific staff)	8.8	5.3
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	44.1	39.5	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	14.7	2.6
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1145.8	1601.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	14.7	2.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	17.4	23.4	Percentage of permanent scientists and contractual researchers to overall staff	81	71.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	3.9	Percentage of overall budget spent on R&D and S&T	24.9	20.9
Increase in number of staff engaged in R&D (per 100 scientific staff)	17.6	7.9	R&D expenditure on green technologies (per Rs. 10 crore spent)	0.5	0.4
Increase in women staff engaged in R&D (per 100 scientific staff)	5.9	7.9	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	10.4	19.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	17.4	3.9	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	3.5	3.9	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	35.3	78.9	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	100	74	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	5.9	7.9
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	110.5	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	38.2	39.5
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	729.4	518.4	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Percentage of publications in top 10% of journals	10.5	4	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	11.7	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	61.8	66.5
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	43.8	54.2
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	20.8	27.3	Percentage of the total budget spent on training and skill up-gradation	0.4	0.4
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	17.4	7.8	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	20.8	70.3	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.7	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.8	Parent ministry and department	10	13.2
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	18.1	30.1	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	6.7	3.8
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	11.8	5.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.9	5.3
Qualitative questions have not been included here and can be found in the questionnaire (A-3)			Data submitted by the lab could not be validated		
			1st Quartile	2nd Quartile	3rd Quartile
			4th Quartile		

ICAR-Indian Institute of Seed Science

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

Uttar Pradesh

1979

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

141

144

27

29

11.62

10.16

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

25.9

31

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

25.9

31

Number of projects executed (per 100 scientific staff)

18.5

17.2

Individuals,
Industry,
Government
Departments

Individuals,
Industry,
Government
Departments

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

12

11.8

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

2.6

1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

2.6

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

14.8

13.8

Increase in women staff engaged in R&D (per 100 scientific staff)

7.4

13.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

11.1

20.7

Number of national awards and fellowships (per 100 scientific staff)

3.7

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

15

7

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

7.4

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

940.7

451.7

Percentage of publications in top 10% of journals

3.8

15

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0.9

2

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.9

2

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

2.6

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

6

8.9

Number of new products/services introduced (per Rs. 10 crore spent)

0.9

1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

13.8

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

77.8

86.8

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

22.7

20.9

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

72.2

65.7

Percentage of women scientists in scientific staff

22.2

26.3

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

52.6

22.2

Parent ministry and department

Capacity Building Commission (CBC)

International bodies

Others

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

44.4

13.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

25.9

3.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICAR-Central Institute for Research on Buffaloes

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Agricultural Research

Haryana

1985

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

139

184

33

36

33.05

32.71

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

21.2

8.3

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

93.9

111.1

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

2.8

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

25.2

20.9

Percentage of overall budget spent on R&D and S&T

90

90

R&D expenditure on green technologies (per Rs. 10 crore spent)

3

4.6

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

19.3

28.2

Percentage of women scientists in scientific staff

17.7

18.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

1

1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

100

100

Parent ministry and department

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

100

100

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

15.2

11.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.1

5.6

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICAR-Indian Institute of Soybean Research

Ministry/Department/Organisation:		Indian Council of Agricultural Research				
Location		Madhya Pradesh				
Year of establishment		1987				
Type of R&D performed		Basic R&D, Applied R&D, Services R&D				
Indicator		2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0	Number of international academic collaborations measured by publications (per 100 scientific staff)	2.9	1.1
Number of projects executed (per 100 scientific staff)		55.7	37.1	Number of national collaborative projects with industry (per 100 scientific staff)	8.6	2.2
		Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	24.3	18
Beneficiaries of organisation's programmes				Number of national academic collaborations measured by publications (per 100 scientific staff)	22.9	20.2
Number of research staff appointed to government or national committees (per 100 scientific staff)		0	0	Percentage of permanent scientists and contractual researchers to overall staff	56.5	62.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	12.8	8.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		5.3	133.4	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		1.1	1.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Increase in number of staff engaged in R&D (per 100 scientific staff)		48.6	18	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)		14.3	18	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		4.8	1	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Has your organisation set up a Section 8 company to support startups?		No	No	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Training (per Rs. 10 crore spent)		0.5	3.5	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Consultancy services (per Rs. 10 crore spent)		2.1	3	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Research support (per Rs. 10 crore spent)		0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Mentorship (per Rs. 10 crore spent)		9.6	10.4	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)		0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		3.7	1	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		25.7	20.2	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of trainings imparted by lab (per 100 scientific staff)		37.1	36	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0	27	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of skill development programmes conducted (per 100 scientific staff)		2.9	4.5	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		7.1	9	Is your organisation's website differently-abled friendly?	No	No
Number of national awards and fellowships (per 100 scientific staff)		0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of international awards and fellowships (per 100 scientific staff)		0	0	Percentage of young scientists in scientific staff	51.7	92.3
Number of publications in quality peer reviewed journals (per 100 scientific staff)		67	45	Percentage of women scientists in scientific staff	26.4	41.5
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		11.4	10.1	Are the facilities at your organisation differently-abled friendly?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		1038.6	894.3	Percentage of the total budget spent on training and skill up-gradation	0	0
Percentage of publications in top 10% of journals		31	29	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)		0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)		0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs filed (per Rs. 10 crore spent)		0.5	0	Parent ministry and department	9	8
Number of IPRs granted (per Rs. 10 crore spent)		0	0	Capacity Building Commission (CBC)	6	7
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0	International bodies	2	1
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0	Others	5	6
Number of non-worked patents (per Rs. 10 crore spent)		0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	28.6	36
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	14.3	18
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		6.4	3			
Number of new products/services introduced (per Rs. 10 crore spent)		0	0			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.2	0.3			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.4	0.2			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated



ICAR-Indian Agricultural Statistics Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research			2021-22	2022-23
Location	Delhi			375	409
Year of establishment	1930				
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			Total staff at the Lab	
				Staff engaged in R&D	200
				Total Budget of the institution (Rs. Crores)	22.27
2021-22	2022-23		2021-22	2022-23	
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	31.5	19.7	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	9.5	12.2	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.5	0.9
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8	10.3	Number of international academic collaborations measured by publications (per 100 scientific staff)	4.5	6.6
Number of projects executed (per 100 scientific staff)	46	38	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	29	24.4
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	56	70
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	53.5	52.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	45	45
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	4.5	3.5	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.5	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in number of staff engaged in R&D (per 100 scientific staff)	26	3.3	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)	11	3.3	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	16.5	13.6	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	10	14.6	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	2	8	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	37	32.9	Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	81	85	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.5	0.5	Percentage of young scientists in scientific staff	59.9	71.8
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1279.5	1312.2	Percentage of women scientists in scientific staff	26.9	29.8
Percentage of publications in top 10% of journals	9.9	6.1	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	7	0.5	Percentage of the total budget spent on training and skill up-gradation	9	9
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	6.7	8.1	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	1.8	3	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	1.8	3	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	100	100
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.8	1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16	42.3
Number of new products/services introduced (per Rs. 10 crore spent)	5.4	3.5	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.5	17.4
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.3	1.4			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A-3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated

ICAR-Central Institute of Temperate Horticulture

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Agricultural Research
Jammu and Kashmir
1994

Total staff at the Lab
Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

2021-22
53
21
15.93

2022-23
49
19
18.31

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	42.9	57.9	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	128.6	173.7	
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	
Beneficiaries of organisation's programmes			
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	28.6	31.6	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1624.6	2622.6	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	9.4	19.1	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-23.8	-5.3	
Increase in women staff engaged in R&D (per 100 scientific staff)	-9.5	-5.3	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	
Number of trainings imparted by lab (per 100 scientific staff)	223.8	305.3	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	
Number of skill development programmes conducted (per 100 scientific staff)	214.3	284.2	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	33.3	57.9	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	105	147	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	723.8	500	
Percentage of publications in top 10% of journals	10	6	
Number of national and international recognitions (per 100 scientific staff)	0	0	
Number of reports leading to designs and products (per 100 scientific staff)	0	0	
Number of IPRs filed (per Rs. 10 crore spent)	1.3	0	
Number of IPRs granted (per Rs. 10 crore spent)	0	1.1	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.4	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	9.9	9.8	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	47.6	15.8	
Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	38.1	52.6	
Number of national academic collaborations measured by publications (per 100 scientific staff)	42.9	68.4	
Percentage of permanent scientists and contractual researchers to overall staff	38	39	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	40	40	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	72	73	
Percentage of women scientists in scientific staff	42	42	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0.5	0.5	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	0	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	33.3	42	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	23.8	26.3	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.8	5.3	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICAR-Indian Institute of Wheat and Barley Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research			2021-22	2022-23
Location	Haryana			166	187
Year of establishment	1990			113	138
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			33.75	41.08
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.4	3.6	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3.5	3.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.4	3.6	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	87.6	171	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	0.9	0.7	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	78.5	81.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	163	104.9	Percentage of overall budget spent on R&D and S&T	80	80
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	5.3	2.2	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	4.4	2.2	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0.7	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	5.3	5.8	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	5.3	5.8	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	4.4	3.6
Number of skill development programmes conducted (per 100 scientific staff)	5.3	5.8	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0.7
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0.7	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	88	115	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	13.8	Percentage of young scientists in scientific staff	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	830.1	694.9	Percentage of women scientists in scientific staff	24.7	23.5
Percentage of publications in top 10% of journals	10	10	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	10	10
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.5	1.5	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	1.5	1.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	14	6.5
Number of IPRs licensed out (per Rs. 10 crore spent)	1.5	1.5	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0.2	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.5	1.2	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.8	2.9
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.2	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	1.4
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.2			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0.2			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	15.8	13.8			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.6	0.8			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.2			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated

ICAR-Central Marine Fisheries Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Kerala				2021-22	2022-23
Year of establishment	1947				Total staff at the Lab	756 746
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				Staff engaged in R&D	332 336
					Total Budget of the institution (Rs. Crores)	20.7 21.13
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.8	0.9		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	11.1	7.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	0.6
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	10.8	7.4		Number of international academic collaborations measured by publications (per 100 scientific staff)	4.8	5.4
Number of projects executed (per 100 scientific staff)	25	23.2		Number of national collaborative projects with industry (per 100 scientific staff)	0.6	0.3
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	10.2	10.7
Beneficiaries of organisation's programmes				Number of national academic collaborations measured by publications (per 100 scientific staff)	28.3	23.8
Number of research staff appointed to government or national committees (per 100 scientific staff)	7.5	8.9				
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	17.8	21.7		Percentage of permanent scientists and contractual researchers to overall staff	43.9	45
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1412.1	1474.2				
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.9	4.3		Percentage of overall budget spent on R&D and S&T	26	28
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	1.9		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.8	1.2		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	0	1.2		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	10.8	10.1		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	27.1	33.6		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	8.1	7.1		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of skill development programmes conducted (per 100 scientific staff)	6	7.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.2	1.5
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	28	30.4		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	9.9	11.3
Number of national awards and fellowships (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	64	58		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.4	2.1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	126.8	169.9		Percentage of young scientists in scientific staff	23.8	26.2
Percentage of publications in top 10% of journals	3.8	3.6		Percentage of women scientists in scientific staff	34.1	35.2
Number of national and international recognitions (per 100 scientific staff)	0.6	0.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	1.2	1.5		Percentage of the total budget spent on training and skill up-gradation	0.7	0.8
Number of IPRs filed (per Rs. 10 crore spent)	7.7	1.4		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	2.4	2.4		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
				Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	1.4	2.4		Parent ministry and department	14.5	26.2
Number of IPRs licensed out (per Rs. 10 crore spent)	1	0.5		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	0.6	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1	0.9		Others	0.6	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	13.5	14.7		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.8	10.4
Number of new products/services introduced (per Rs. 10 crore spent)	5.8	7.6		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	23.8	19.6
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	5.3	3.9				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.1				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.5	6.3				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.1				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A-3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	



ICAR-Central Island Agricultural Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research		2021-22	2022-23
Location	Andaman and Nicobar Islands		134	131
Year of establishment	1978			
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			
Indicator	2021-22	2022-23	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	46.7		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	4.4		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	10.4	8.9		
Number of projects executed (per 100 scientific staff)	256.3	193.3		
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	2.2		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	66.7	100		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	11.4	3.4		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	1.1		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)	-6.3	44.4		
Increase in women staff engaged in R&D (per 100 scientific staff)	43.8	44.4		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	4.1	1.9		
Has your organisation set up a Section 8 company to support startups?	No	No		
Number of startups supported through:				
Training (per Rs. 10 crore spent)	4.1	6.8		
Consultancy services (per Rs. 10 crore spent)	0	0		
Research support (per Rs. 10 crore spent)	0	0		
Mentorship (per Rs. 10 crore spent)	0	0		
Other forms of support (per Rs. 10 crore spent)	0	1.1		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)	0.4	0.8		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	20.8	33.3		
Number of trainings imparted by lab (per 100 scientific staff)	66.7	122.2		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		
Number of skill development programmes conducted (per 100 scientific staff)	4.2	4.4		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	52.1	66.7		
Number of national awards and fellowships (per 100 scientific staff)	0	0		
Number of international awards and fellowships (per 100 scientific staff)	0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	116		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	3402.1	3473.3		
Percentage of publications in top 10% of journals	0	0		
Number of national and international recognitions (per 100 scientific staff)	0	0		
Number of reports leading to designs and products (per 100 scientific staff)	2.1	0		
Number of IPRs filed (per Rs. 10 crore spent)	0	1.1		
Number of IPRs granted (per Rs. 10 crore spent)	0	1.5		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.8		
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.4		
Number of non-worked patents (per Rs. 10 crore spent)	0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.4		
Number of new products/services introduced (per Rs. 10 crore spent)	1.2	1.5		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				
1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
Data submitted by the lab could not be validated				

ICAR-National Academy of Agricultural Research Management

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Telangana				2021-22	2022-23
Year of establishment	1976				Total staff at the Lab	199 189
Type of R&D performed	Applied R&D, Services R&D				Staff engaged in R&D	97 94
					Total Budget of the institution (Rs. Crores)	86.13 93.64
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.1	3.2		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.1	3.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	35.1	28.7		Number of international academic collaborations measured by publications (per 100 scientific staff)	3.1	4.3
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	1	1.1
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1	1.1
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	2.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	17.5	16
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	1	1.1		Percentage of permanent scientists and contractual researchers to overall staff	48.7	49.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	393.5	314.3		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	13.8	16.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.2		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	16.5	1.1		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	13.4	1.1		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	2.3	5.2		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Training (per Rs. 10 crore spent)	2.9	3.1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	1.2	1.5		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	2.9	3.1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.8	1.6		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.8	2.1		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	119.6	108.5		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	106.2	102.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1	1.1
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	2784.5	2481.9		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	22.7	34		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	33	36.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	1.1		Is your organisation's website differently-abled friendly?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	27	22		Percentage of young scientists in scientific staff	34.2	34.9
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	14.4	12.8		Percentage of women scientists in scientific staff	18.6	19.6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	211.3	292.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of publications in top 10% of journals	3.7	4.9		Percentage of the total budget spent on training and skill up-gradation	0	0.2
Number of national and international recognitions (per 100 scientific staff)	0	1.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.7	0.5		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs granted (per Rs. 10 crore spent)	0.7	0.5		Parent ministry and department	7.2	4.3
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	2.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		International bodies	1	2.1
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Others	1	6.4
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.7	0.9		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.2	10.6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.6	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.1	5.3
Number of new products/services introduced (per Rs. 10 crore spent)	8.7	2				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.3				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.6				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3	2.8				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated			
			1st Quartile	2nd Quartile	3rd Quartile	
			4th Quartile			



ICAR-Indian Institute of Sugarcane Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research			2021-22	2022-23	
Location	Uttar Pradesh			170	296	
Year of establishment	1952					
Type of R&D performed	Applied R&D, Services R&D			Total staff at the Lab		
Indicator	2021-22	2022-23		Staff engaged in R&D	105	86
				Total Budget of the institution (Rs. Crores)	55.29	71.44
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.7	7		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	5.7	10.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	1	1.2
Number of research staff appointed to government or national committees (per 100 scientific staff)	1	2.3		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.9	2.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	727.3	1.1		Percentage of permanent scientists and contractual researchers to overall staff	61.8	29.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.6		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	4.5	3.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place for sustainable sourcing of materials?	0.1	0.1
Increase in number of staff engaged in R&D (per 100 scientific staff)	21.9	10.5		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	9.5	10.5		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.4	0.4		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	4.5	4.9		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	2.2	2.1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Research support (per Rs. 10 crore spent)	0.2	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0.7	0.7		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.2	0.1		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	10.5	43		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	54.3	51.2		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.9	2.3
Number of skill development programmes conducted (per 100 scientific staff)	18.1	25.6		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	15.2	20.9		Are your organisation's R&D facilities available on the I-STM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	21	43		Percentage of young scientists in scientific staff	68	75
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0		Percentage of women scientists in scientific staff	33	36
Percentage of publications in top 10% of journals	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	2.9	1.2		Percentage of the total budget spent on training and skill up-gradation	2.3	1.8
Number of reports leading to designs and products (per 100 scientific staff)	0	1.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.4	2.4		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.1		Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.5	0.4		Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.5	4.1		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.7	7
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0.1		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.8	1.2
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.1				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A-3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

ICAR-National Institute of Secondary Agriculture

Ministry/Department/Organisation:		Indian Council of Agricultural Research							
Location		Jharkhand						2021-22	2022-23
Year of establishment		1924				Total staff at the Lab		112	107
Type of R&D performed		Applied R&D, Services R&D				Staff engaged in R&D		38	43
						Total Budget of the institution (Rs. Crores)		24.68	25.37
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.6	9.3			Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	4.7			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	63.2	65.1			Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0		
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry	Individuals, NGOs, Industry			Number of national collaborative projects with industry (per 100 scientific staff)	0	0		
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.2	14		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0			Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	957.5	378.4			Percentage of permanent scientists and contractual researchers to overall staff	33.9	40.2		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	4.1	4.3			Percentage of overall budget spent on R&D and S&T	78.9	74.8		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0			R&D expenditure on green technologies (per Rs. 10 crore spent)	2.1	1.7		
Increase in number of staff engaged in R&D (per 100 scientific staff)	-13.2	2.3			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes		
Increase in women staff engaged in R&D (per 100 scientific staff)	-2.6	2.3			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.6	2			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No		
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No		
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Training (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No		
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No		
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Mentorship (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No		
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.8	1.6			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0			Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of trainings imparted by lab (per 100 scientific staff)	86.8	65.1			Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0			Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes		
Number of skill development programmes conducted (per 100 scientific staff)	0	0			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	7.9	4.7		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0			Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	2.6	20.9		
Number of national awards and fellowships (per 100 scientific staff)	0	0			Are your organisation's R&D facilities available on the I-STBM national portal?	No	No		
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	66	72			Is your organisation's website differently-abled friendly?	Yes	Yes		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	728.9	962.8			Percentage of young scientists in scientific staff	57.9	62.8		
Percentage of publications in top 10% of journals	0	0			Percentage of women scientists in scientific staff	23.7	23.2		
Number of national and international recognitions (per 100 scientific staff)	0	0			Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of reports leading to designs and products (per 100 scientific staff)	0	0			Percentage of the total budget spent on training and skill up-gradation	0	0.1		
Number of IPRs filed (per Rs. 10 crore spent)	1.6	1.6			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Number of IPRs granted (per Rs. 10 crore spent)	0.4	0.4			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.4	0.4			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0			Parent ministry and department	13.2	2.3		
Number of non-worked patents (per Rs. 10 crore spent)	1.2	1.6			Capacity Building Commission (CBC)	0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			International bodies	0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.4	1.6			Others	10.5	4.7		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.5	2.3		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.3	2.3		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0							
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0							
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0.1							
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0							
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0							
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0							
Qualitative questions have not been included here and can be found in the questionnaire (A.3)									
1st Quartile		2nd Quartile		3rd Quartile		4th Quartile		Data submitted by the lab could not be validated	

ICAR-Indian Institute of Spices Research

Ministry/Department/Organisation:	Indian Council of Agricultural Research			2021-22	2022-23	
Location	Kerala			97	95	
Year of establishment	1984			60	58	
Type of R&D performed	Applied R&D, Services R&D			21.95	25.46	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	16.7	17.2		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	13.3	15.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	78.3	74.1		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	6.9
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	1.7	1.7
Number of research staff appointed to government or national committees (per 100 scientific staff)	6.7	6.9		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.3	12.1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	1.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	31.7	31
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	67	64.4		Percentage of permanent scientists and contractual researchers to overall staff	61.9	61.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.4		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	20.9	24
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	13.7	11.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	-10	-1.7		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-6.7	-1.7		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	3.2	5.1		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0.9	0.4		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	5	2.4		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.5	0.8		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0.5	0.4		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	48.3	27.6		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	105	170.7		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	48.3	22.4		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	13.3	12.1
Number of skill development programmes conducted (per 100 scientific staff)	15	13.8		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	1.7
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	56.7	62.1		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	48	71		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design project reports commissioned (per 100 scientific staff)	5	13.8		Percentage of young scientists in scientific staff	36	39.8
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	130	137.9		Percentage of women scientists in scientific staff	34.8	36.2
Percentage of publications in top 10% of journals	3.4	2.4		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	30	24.1		Percentage of the total budget spent on training and skill up-gradation	0.1	0.1
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.5	1.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.9	0.4		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.9	0.4		Parent ministry and department	51.3	25.6
Number of IPRs licensed out (per Rs. 10 crore spent)	2.7	2.7		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	2.6	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.5	1.2		Others	60	28.2
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	2.7	2.7		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	21.7	22.4
Number of new products/services introduced (per Rs. 10 crore spent)	5	3.1		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.3	8.6
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	0.5				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0.1				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A-3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

ICAR-Central Arid Zone Research Institute

Ministry/Department/Organisation:	Indian Council of Agricultural Research						
Location	Rajasthan					2021-22	2022-23
Year of establishment	1959				Total staff at the Lab	268	265
Type of R&D performed	Applied R&D, Services R&D				Staff engaged in R&D	122	126
					Total Budget of the institution (Rs. Crores)	130.9	134.6
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.7	3.2		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.7	3.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.5	0	
Number of projects executed (per 100 scientific staff)	73.8	106.3		Number of international academic collaborations measured by publications (per 100 scientific staff)	9	18.3	
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.9	11.9	
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	18.9	34.1	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	69.3	71.2	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0.3		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	30.2	31.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.1		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Increase in number of staff engaged in R&D (per 100 scientific staff)	8.2	3.2		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No	
Increase in women staff engaged in R&D (per 100 scientific staff)	4.1	3.2		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.3		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Training (per Rs. 10 crore spent)	0	0.3		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0.3		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of trainings imparted by lab (per 100 scientific staff)	4.1	7.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of skill development programmes conducted (per 100 scientific staff)	3.3	2.4		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	42.6	23.8		Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No	
Number of national awards and fellowships (per 100 scientific staff)	0	1.6		Is your organisation's website differently-abled friendly?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	52	62		Percentage of young scientists in scientific staff	56.3	59.3	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Percentage of women scientists in scientific staff	23.9	25.5	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	146.7	119		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of publications in top 10% of journals	4.8	5.1		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of national and international recognitions (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Parent ministry and department	79.6	72.7	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		International bodies	15.9	0	
Number of non-worked patents (per Rs. 10 crore spent)	0.8	0.8		Others	4.6	27.7	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.3	6.3	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0.6		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.2	7.9	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0					
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	0.3					
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

ICAR-National Institute on Foot and Mouth Disease

Ministry/Department/Organisation:	Indian Council of Agricultural Research			2021-22	2022-23
Location	Odisha			46	49
Year of establishment	2001			25	28
Type of R&D performed	Applied R&D, Services R&D			14.12	15.46
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8	14.3	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	8	14.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4	3.6
Number of projects executed (per 100 scientific staff)	108	128.6	Number of international academic collaborations measured by publications (per 100 scientific staff)	4	3.6
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	4	3.6	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	4	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	12	10.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	80	88.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	1.3	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	87.3	79.6
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	10.7	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)	8	10.7	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	10.7	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	36	25	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	7.1	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	36	25	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	24	39.3
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	3.6	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	28	21	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	4	0	Percentage of young scientists in scientific staff	56	57.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	244	250	Percentage of women scientists in scientific staff	40	40.7
Percentage of publications in top 10% of journals	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.1	0.1
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.7	0.6	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	41.6	53.8
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.7	0	Others	41.6	53.8
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.7	0.6	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	28	7.1
Number of new products/services introduced (per Rs. 10 crore spent)	0.7	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16	10.7
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.8	5.8			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.8	5.8			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile			Data submitted by the lab could not be validated		

ICAR-National Bureau of Animal Genetic Resources

Ministry/Department/Organisation:	Indian Council of Agricultural Research				2021-22	2022-23
Location	Haryana				53	57
Year of establishment	1984				45	49
					3.5	2.8
Type of R&D performed	Services R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	80	79.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	2
Beneficiaries of organisation's programmes	Individuals, NGOs, Government Departments	Individuals, NGOs, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	2.2	2		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	42.2	36.7		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.3	12.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	20	7.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	6.7	6.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	8.6	7.1		Percentage of permanent scientists and contractual researchers to overall staff	74	70
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	32	22
Increase in number of staff engaged in R&D (per 100 scientific staff)	-8.9	2		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	0	2		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	15.6	16.3		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	2.2	2		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	26.7	26.5		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	49	51		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.2	2		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of national and international recognitions (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	83	90
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	54.3	55.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.3
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	2.9	3.6		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Parent ministry and department	5	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	14.5	6.7		Others	4	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.4	4.1
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	8.9	8.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	1.9				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
<div>1st Quartile</div> <div>2nd Quartile</div> <div>3rd Quartile</div> <div>4th Quartile</div>						
Data submitted by the lab could not be validated						

ICAR-National Bureau of Plant Genetic Resources

Ministry/Department/Organisation:		Indian Council of Agricultural Research			
Location		Delhi			
Year of establishment		1977		Total staff at the Lab	2021-22 351
				Staff engaged in R&D	2022-23 308
Type of R&D performed		Services R&D		Total Budget of the institution (Rs. Crores)	172 117.51
					167 117.43
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.9	0.6	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	27.3	30.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	4.1	3
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.2	1.2	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	25.6	28.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	54.6	21.4	Number of national academic collaborations measured by publications (per 100 scientific staff)	50.6	72.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.1	0.9	Percentage of permanent scientists and contractual researchers to overall staff	49	54.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	9.6	6.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.7	1.2	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	0	1.2	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	0.3	0.3	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	16.3	17.4	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	0	0.6	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	22.7	26.3	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0.6	1.2	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.7	2.4
Number of publications in quality peer reviewed journals (per 100 scientific staff)	89	108	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0.6	2.4
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national and international recognitions (per 100 scientific staff)	7	26.3	Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.1	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0.3	Percentage of young scientists in scientific staff	36.2	36.7
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	31	33.5
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0.1	0.1	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.4	1.9	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	44.6	26.4
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies	1	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.1	1.6	Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	11	9
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.1	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	15.7	29.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile					
Data submitted by the lab could not be validated					

ICAR-National Research Centre on Seed Spices

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Rajasthan				2021-22	2022-23
Year of establishment	2000			Total staff at the Lab		
Type of R&D performed	Applied R&D			Staff engaged in R&D	0	0
Indicator	2021-22	2022-23		Total Budget of the institution (Rs. Crores)	0	0
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	0	7		Number of international collaborative projects with industry	0	0
Number of projects executed	21	13		Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	NGOs, Industry, Government Departments, Individuals	NGOs, Industry, Government Departments, Individuals		Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0		Number of national collaborative projects with industry	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	25	0		Number of national collaborative projects with academic institutions and research labs	2	2
Number of national programs (S&T symposia, conferences) organised by the lab	1	1		Number of national academic collaborations measured by publications	10	15
Number of international programs (S&T symposia, conferences) organised by the lab	0	0		Percentage of permanent scientists and contractual researchers to overall staff	85	85
Increase in number of staff engaged in R&D	1	0		Percentage of overall budget spent on R&D and S&T	30.23	25.6
Increase in women staff engaged in R&D	0	0		R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported				Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	1	1
Number of PhD, Master's, Graduate degrees awarded	1	1		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	10	15		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	0	0		Number of startups and firms lab has opened testing and research facilities to	1	0
Number of citations received by papers published in the preceding three calendar years	0	0		Number of outside researchers and students labs has opened testing and research facilities to	0	0
Percentage of publications in top 10% of journals	25	25		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	1	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	1	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out	0	0		Percentage of young scientists in scientific staff	101.73	110.43
Number of non-worked patents	0	0		Percentage of women scientists in scientific staff	8.69	8.69
Number of national and international policies, regulations, and standards contributed to	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally	2	3		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced	2	3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees	0.003	0.015		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0.003	0.015		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	5	9
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	2	2

Responses could not be scaled. Data presented unscaled

ICAR-National Research Centre for Grapes

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Maharashtra				2021-22	2022-23
Year of establishment	1997			Total staff at the Lab	94	94
				Staff engaged in R&D	39	39
Type of R&D performed	Applied R&D			Total Budget of the institution (Rs. Crores)	4.41	3.65
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	38.5	30.8		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	76.9	94.9		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	59	76.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	3240.4	2931.5		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	12.8	12.8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.3	2.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	12.8	12.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	41.5	41.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	28.2	-2.6		Percentage of overall budget spent on R&D and S&T	60.2	64
Increase in women staff engaged in R&D (per 100 scientific staff)	10.3	-2.6		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	2.3	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	2.7		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship (per Rs. 10 crore spent)	4.5	5.5		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	2.3	2.7		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	189.7	200		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	2.6	2.6		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	100	64		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	10.3	10.3
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	810.3	261.5		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	179.5	220.5
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	2.7		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	6.8	8.2		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	55.3	55.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	42.6	40.5
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	18.1	19.2		Percentage of the total budget spent on training and skill up-gradation	0.5	0.6
Number of new products/services introduced (per Rs. 10 crore spent)	136.1	137		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	20.5	30.8
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	13.5	4		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	15	13.4		International bodies	0	5.1
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	46.2	76.9
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.8	20.5
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.7	10.3

Select data was used for analysis. Quartiles not calculated for lab

ICAR-National Research Centre on Orchids

Ministry/Department/Organisation:	Indian Council of Agricultural Research					
Location	Sikkim				2021-22	2022-23
Year of establishment	1996			Total staff at the Lab	6	7
				Staff engaged in R&D	7	8
Type of R&D performed	Applied R&D			Total Budget of the institution (Rs. Crores)	0	0
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	4	10		Number of international collaborative projects with industry	0	0
Number of projects executed	11	5		Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	Industry, Government Departments, Individuals, NGOs	Industry, Government Departments, Individuals, NGOs		Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	16	18		Number of national collaborative projects with industry	1	1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	260	424		Number of national collaborative projects with academic institutions and research labs	1	2
Number of national programs (S&T symposia, conferences) organised by the lab	0	1		Number of national academic collaborations measured by publications	0	0
Number of international programs (S&T symposia, conferences) organised by the lab	0	0		Percentage of permanent scientists and contractual researchers to overall staff	26.9	30.7
Increase in number of staff engaged in R&D	13	14		Percentage of overall budget spent on R&D and S&T	89	100
Increase in women staff engaged in R&D	2	3		R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training	5	5		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support	2	2		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported	2	2		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	1	2
Number of PhD, Master's, Graduate degrees awarded	1	2		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	2	5		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	0	0		Number of startups and firms lab has opened testing and research facilities to	0	0
Number of citations received by papers published in the preceding three calendar years	13	20		Number of outside researchers and students labs has opened testing and research facilities to	2	3
Percentage of publications in top 10% of journals	2.3	8.15		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out	0	0		Percentage of young scientists in scientific staff	35.1	41.8
Number of non-worked patents	0	0		Percentage of women scientists in scientific staff	0	6.25
Number of national and international policies, regulations, and standards contributed to	2	2		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0.03
Number of new products/services introduced	8	8		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Parent ministry and department	83.3	16.6
Total external research and development funding amount received from government sources	0	0		Capacity Building Commission (CBC)	0	1
Total external research and development funding amount received from domestic non-government sources	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Others	2	2
Total external research and development funding amount received from other non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	2	1
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0

Responses could not be scaled. Data presented unscaled



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
Serving the nation since 1911
Government of India

ICMR-Rajendra Memorial Research Institute of Medical Sciences

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Medical Research

Bihar

1963

2021-22

2022-23

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

77

89

61

73

26.65

27.75

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.6

0

Number of projects executed (per 100 scientific staff)

95.1

76.7

Beneficiaries of organisation's programmes

Individuals

Individuals

Number of AtalTinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

29.5

6.8

Increase in women staff engaged in R&D (per 100 scientific staff)

1.6

6.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

14.8

1.4

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

34

30

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1341

1830.1

Percentage of publications in top 10% of journals

38.1

13.6

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

1.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

1.3

1.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

6.6

1.4

Number of international academic collaborations measured by publications (per 100 scientific staff)

8.2

5.5

Number of national collaborative projects with industry (per 100 scientific staff)

19.7

23.3

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

21.3

21.9

Number of national academic collaborations measured by publications (per 100 scientific staff)

21.3

21.9

Percentage of permanent scientists and contractual researchers to overall staff

67

77.7

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

51.4

56.8

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

60.5

69.2

Percentage of women scientists in scientific staff

10.9

13.5

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

0.2

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

3.3

5.5

Capacity Building Commission (CBC)

3.3

1.4

International bodies

0

0

Others

6.6

9.6

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.6

1.4

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.6

1.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute for Research in Reproductive and Child Health

Ministry/Department/Organisation: Location		Indian Council of Medical Research								2021-22	2022-23
Year of establishment		Maharashtra 1972								347	309
Type of R&D performed		Basic R&D						Total staff at the Lab		129	105
								Staff engaged in R&D		129	105
								Total Budget of the institution (Rs. Crores)		55.1	60.1
Indicator	2021-22	2022-23					Indicator	2021-22	2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	12.4	16.2	No				Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	73.6	90.5	No				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.7	5.7		
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments					Number of international academic collaborations measured by publications (per 100 scientific staff)	11.6	6.7		
Beneficiaries of organisation's programmes							Number of national collaborative projects with industry (per 100 scientific staff)	0	0		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0					Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	31	40		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	20	41.6					Number of national academic collaborations measured by publications (per 100 scientific staff)	31	40		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.5	1.5					Percentage of permanent scientists and contractual researchers to overall staff	37.2	34		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0					Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	34	53		
Increase in number of staff engaged in R&D (per 100 scientific staff)	-4.7	-20					Does your organisation have procedures in place for sustainable sourcing of materials?	No	No		
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.1	-20					Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes		
Has your organisation set up a Section 8 company to support startups?	No	No					Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No		
Number of startups supported through:							Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Training (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Consultancy services (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No		
Research support (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Mentorship (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes		
Other forms of support (per Rs. 10 crore spent)	0	0					Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0					Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0					Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0					Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	6.2	5.7					Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0					Does your organisation have national accreditation/certification for its lab procedure?	No	No		
Number of national awards and fellowships (per 100 scientific staff)	0	0					Does your organisation have international accreditation/certification for its lab procedure?	No	No		
Number of international awards and fellowships (per 100 scientific staff)	0	0					Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	4.7	1.9		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	85	30					Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	12.4	9.5		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0					Are your organisation's R&D facilities available on the I-STEM national portal?	No	No		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	632.6	864.8					Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Percentage of publications in top 10% of journals	19	6.3					Is your organisation's website differently-abled friendly?	Yes	Yes		
Number of IPRs filed (per Rs. 10 crore spent)	0.5	0.2					Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No		
Number of IPRs granted (per Rs. 10 crore spent)	0	0.2					Percentage of young scientists in scientific staff	32.2	28.2		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0					Percentage of women scientists in scientific staff	29	27.1		
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0					Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of non-worked patents (per Rs. 10 crore spent)	0	0					Percentage of the total budget spent on training and skill up-gradation	0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.2					Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0					Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0					Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Parent ministry and department	42.9	10		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Capacity Building Commission (CBC)	0	0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					International bodies	5.9	20		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0.3					Others	57.1	80		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7	9.5		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.8	22.9		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0									
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile			Data submitted by the lab or validated			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute of Cancer Prevention and Research

Ministry/Department/Organisation: Indian Council of Medical Research
Location: Uttar Pradesh
Year of establishment: 1979

Type of R&D performed	Applied R&D		Total staff at the Lab	2021-22	2022-23
Indicator	2021-22	2022-23	Staff engaged in R&D	97	99
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Total Budget of the institution (Rs. Crores)	71	74
Number of projects executed (per 100 scientific staff)	35.2 Individuals, Government Departments	29.7 Individuals, Government Departments		24.1	25.09
Beneficiaries of organisation's programmes			Indicator	2021-22	2022-23
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	273	320	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.4	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.2	2.4	Number of international academic collaborations measured by publications (per 100 scientific staff)	5.6	9.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	-9.9	-17.6	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	8.5	6.8
Increase in women staff engaged in R&D (per 100 scientific staff)	-9.9	-17.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	8.5	6.8
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	54	64.5
Has your organisation set up a Section 8 company to support startups?	No	No	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	99	99
Number of startups supported through:			Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	73.2	52.7	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	44	72	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	2.7	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	4981.7	4806.8	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Percentage of publications in top 10% of journals	38.7	35.8	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of IPRs filed (per Rs. 10 crore spent)	0	0.8	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	1.4	2.7
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.4	Percentage of young scientists in scientific staff	63.3	69.8
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	45.8	47.3
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.1	0.1
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.7	1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	25
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
			Others	100	75
			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.3	9.5
			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	19.7	17.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-Regional Medical Research Centre, NE Region

Ministry/Department/Organisation:	Indian Council of Medical Research							2021-22	2022-23	
Location	Assam							452	536	
Year of establishment	1982							Total staff at the Lab	245	289
Type of R&D performed	Applied R&D							Staff engaged in R&D	22.1	23.06
								Total Budget of the institution (Rs. Crores)		
Indicator	2021-22	2022-23					Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0.7					Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	21.2	16.3					Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.4	0.3	
	Individuals, Government Departments	Individuals, Industry, Government Departments								
Beneficiaries of organisation's programmes							Number of international academic collaborations measured by publications (per 100 scientific staff)	0	2.4	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0					Number of national collaborative projects with industry (per 100 scientific staff)	0.8	1	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0					Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	11	7.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	1.3					Number of national academic collaborations measured by publications (per 100 scientific staff)	11	7.3	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0					Percentage of permanent scientists and contractual researchers to overall staff	51.3	51.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	42	12.8					Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	59.4	71.7	
Increase in women staff engaged in R&D (per 100 scientific staff)	16.3	12.8					Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste?	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No					Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups supported through:										
Training (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0					Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0.4	0.3					Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0					Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0					Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0					Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	17	11					Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0.4	1					Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	115.9	124.9					Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Percentage of publications in top 10% of journals	14	6					Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	7.3	7.3	
Number of IPRs filed (per Rs. 10 crore spent)	1.4	0					Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0	0					Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0					Is your organisation's website differently-abled friendly?	No	No	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.4					Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of non-worked patents (per Rs. 10 crore spent)	0	0					Percentage of young scientists in scientific staff	34.6	50.7	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0					Percentage of women scientists in scientific staff	47.6	30.8	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.4					Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.5	0.9					Percentage of the total budget spent on training and skill up-gradation	0.1	0.1	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	13.3	2.7					Parent ministry and department	6.9	10.6	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0					Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.2					International bodies	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					Others	0	0	
							Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.7	20.1	
							Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.4	5.2	
Qualitative questions have not been included here and can be found in the questionnaire. (A.3)									Data submitted by the lab or validated	
	1st	Quartile	2nd	Quartile	3rd	Quartile	4th	Quartile		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute for Research in Environmental Health

Ministry/Department/Organisation:	Indian Council of Medical Research				
Location	Madhya Pradesh				
Year of establishment	2010				
			Total staff at the Lab	2021-22	2022-23
				59	58
			Staff engaged in R&D	38	37
			Total Budget of the institution (Rs. Crores)	15.65	15.45
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.6	2.7	Number of international collaborative projects with industry (per 100 scientific staff)	5.3	8.1
Number of projects executed (per 100 scientific staff)	65.8	89.2	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	15.8	24.3
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	15.8	18.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	13.2	13.5	Number of national collaborative projects with industry (per 100 scientific staff)	5.3	5.4
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	54.3	62.8	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	23.7	27
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.3	1.9	Number of national academic collaborations measured by publications (per 100 scientific staff)	23.7	27
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	75	75
Increase in number of staff engaged in R&D (per 100 scientific staff)	44.7	29.7	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	49	49
Increase in women staff engaged in R&D (per 100 scientific staff)	23.7	29.7	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	2.6	2.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	10.5	32.4	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	2.6	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	174	243	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	55.3	75.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	3715.8	1883.8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	5	5	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	1.3	1.9	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0.6	Percentage of young scientists in scientific staff	74.7	77
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	1.3	Percentage of women scientists in scientific staff	57.9	55.8
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	7	9
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1.3	1.9	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.1	Parent ministry and department	25	25
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies	2	2
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.4	1.4	Others	4	5
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	57.9	73
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	28.9	27
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute of Epidemiology

Ministry/Department/Organisation:	Indian Council of Medical Research				2021-22	2022-23	
Location	Tamil Nadu				128	126	
Year of establishment	1999				72	70	
Type of R&D performed	Applied R&D				32.65	38.2	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	1.4	10	
Number of projects executed (per 100 scientific staff)	72.2	104.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.4	10	
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	54.2	45.7	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	43	57	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	7.2	31.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	2.8	84.3		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Increase in women staff engaged in R&D (per 100 scientific staff)	-45.8	84.3		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	34.7	48.6		Does your organisation have national accreditation/certification for its lab procedure?	No	No	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	167	137		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No	
Percentage of publications in top 10% of journals	38.7	36		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	76.4	81.3	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	32.1	39	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Others	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	3.1		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.9	8.6	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.8		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	1.9					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

ICMR- National Institute of Occupational Health

Ministry/Department/Organisation:

Location

Year of establishment

Gujarat Indian Council of Medical Research

1966

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

2022-23

96

109

38

41

37.55

42.1

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

18.4

26.8

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

2.4

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

21.1

26.8

Number of national academic collaborations measured by publications (per 100 scientific staff)

21.1

26.8

Percentage of permanent scientists and contractual researchers to overall staff

26.4

27.2

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

100

100

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

5.3

4.9

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

49.4

100

Percentage of women scientists in scientific staff

27.9

40.9

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

1

1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

13.2

19.5

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.6

9.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute of Traditional Medicine

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Medical Research

Karnataka

2006

2021-22

2022-23

Type of R&D performed

Applied R&D

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

78

78

19

21

23.22

10.04

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

10.5

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

115.8

142.9

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

10.5

9.5

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

15.8

147.6

Number of international academic collaborations measured by publications (per 100 scientific staff)

15.8

4.8

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

25

64.7

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

5

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

26.3

23.8

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

26.3

23.8

Increase in number of staff engaged in R&D (per 100 scientific staff)

-10.5

-9.5

Percentage of permanent scientists and contractual researchers to overall staff

42

45

Increase in women staff engaged in R&D (per 100 scientific staff)

-5.3

-9.5

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

5

15

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

84.2

214.3

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

73.7

114.3

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

158

157

Does your organisation have national accreditation/certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

4236.8

3657.1

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Percentage of publications in top 10% of journals

13.3

12.1

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

252.6

471.4

Number of IPRs filed (per Rs. 10 crore spent)

0.4

2

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

No

No

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

79.2

76.5

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

30

8

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0.9

2

Percentage of the total budget spent on training and skill up-gradation

0.3

0.4

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

25

100

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.1

0

Parent ministry and department

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Others

8

58

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

94.7

76.2

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

15.8

4.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute of Research in Tribal Health

Ministry/Department/Organisation: Indian Council of Medical Research
Location: Madhya Pradesh
Year of establishment: 1984

Type of R&D performed	Applied R&D	
Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.2	0.7
Number of projects executed (per 100 scientific staff)	24.8 Individuals, Government Departments	36.4 Individuals, Government Departments
Beneficiaries of organisation's programmes		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1422.5	1700.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.5	1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	36.4	-10
Increase in women staff engaged in R&D (per 100 scientific staff)	16.4	-10
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No
Number of startups supported through:		
Training (per Rs. 10 crore spent)	0	0
Consultancy services (per Rs. 10 crore spent)	0	0
Research support (per Rs. 10 crore spent)	0	0
Mentorship (per Rs. 10 crore spent)	0	0
Other forms of support (per Rs. 10 crore spent)	0	0
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.4	0
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0.6	1.4
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	7.9	10.7
Number of national awards and fellowships (per 100 scientific staff)	0	0
Number of international awards and fellowships (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	31	33
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0.6	0.7
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	964.8	1569.3
Percentage of publications in top 10% of journals	2	10.9
Number of IPRs filed (per Rs. 10 crore spent)	0	0
Number of IPRs granted (per Rs. 10 crore spent)	0	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.3
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.1	1.8
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0

Total staff at the Lab: 185
Staff engaged in R&D: 165
Total Budget of the institution (Rs. Crores): 28.12

2021-22: 185
2022-23: 161
2021-22: 165
2022-23: 140
2021-22: 28.12
2022-23: 29.41

Indicator	2021-22	2022-23
Number of international collaborative projects with industry (per 100 scientific staff)	1.2	0
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.2	1.4
Number of international academic collaborations measured by publications (per 100 scientific staff)	3	5
Number of national collaborative projects with industry (per 100 scientific staff)	0	0.7
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	12.1	18.6
Number of national academic collaborations measured by publications (per 100 scientific staff)	12.1	18.6
Percentage of permanent scientists and contractual researchers to overall staff	70	68.3
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	43.4	48.4
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Does your organisation have a public grievance redressal cell?	Yes	Yes
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Is your organisation's website differently-abled friendly?	No	No
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Percentage of young scientists in scientific staff	92.5	92.1
Percentage of women scientists in scientific staff	26.1	23.9
Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of the total budget spent on training and skill up-gradation	0.5	1
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Parent ministry and department	1.2	8.5
Capacity Building Commission (CBC)	0	0
International bodies	0.6	0.7
Others	1.2	0
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.8	4.3
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Jalma Institute for Leprosy and Other Mycobacterial Diseases

Ministry/Department/Organisation:	Indian Council of Medical Research								2021-22	2022-23	
Location	Uttar Pradesh								67	68	
Year of establishment	1976										
Type of R&D performed	Basic R&D, Applied R&D								Total staff at the Lab	49	50
									Staff engaged in R&D	32.0143	31.6986
								Total Budget of the institution (Rs. Crores)			
Indicator	2021-22	2022-23						Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.1	4						Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.1	4						Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	46.9	64						Number of international academic collaborations measured by publications (per 100 scientific staff)	4.1	4	
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments						Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes								Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	38	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	2	2						Number of national academic collaborations measured by publications (per 100 scientific staff)	0	38	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	397.8						Percentage of permanent scientists and contractual researchers to overall staff	42.6	43.9	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	2.2						Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	20.3	17.3	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0						Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	0						Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No	
Increase in women staff enaged in R&D (per 100 scientific staff)	0	0						Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0						Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Has your organisation set up a Section 8 company to support startups?	No	No						Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Number of startups supported through:								Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Training (per Rs. 10 crore spent)	0	0						Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0						Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0						Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0	0						Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0						Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0						Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0						Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0						Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	2	8						Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	238.8	84						Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0						Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0						Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	76	70						Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0						Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	7973.5	8000						Is your organisation's website differently-abled friendly?	No	No	
Percentage of publications in top 10% of journals	22	22						Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs filed (per Rs. 10 crore spent)	0	0						Percentage of young scientists in scientific staff	12.2	10.5	
Number of IPRs granted (per Rs. 10 crore spent)	0	0						Percentage of women scientists in scientific staff	11.3	12.3	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0						Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0						Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0						Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.6	0						Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0						Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.3						Parent ministry and department	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0						Capacity Building Commision (CBC)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0						International bodies	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0						Others	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.9	0.5						Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	2	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0						Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2	4	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0									
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0									
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile					Data submitted by the lab or validated		

Data submitted by the lab could not be validated

ICMR-Bhopal Memorial Hospital and Research Centre

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Medical Research

Madhya Pradesh

2000

2021-22

2022-23

Total staff at the Lab

250

256

Staff engaged in R&D

121

127

Total Budget of the institution (Rs. Crores)

133.95

163.93

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

21.5

33.9

Beneficiaries of organisation's programmes

Individuals

Individuals

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

15.7

18.9

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

2.5

2.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

28.9

18.9

Increase in women staff engaged in R&D (per 100 scientific staff)

17.4

18.9

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

13

17

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

792.6

744.1

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

1.6

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

2.5

2.4

Number of national academic collaborations measured by publications (per 100 scientific staff)

2.5

2.4

Percentage of permanent scientists and contractual researchers to overall staff

12.6

13

Percentage of overall budget spent on R&D and S&T

0.4

0.4

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

65

66

Percentage of women scientists in scientific staff

48.5

48.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

13.2

18.9

Parent ministry and department

0

100

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

8.3

10.2

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

8.3

10.2

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quart

ICMR-Regional Medical Research Centre, Port Blair

Ministry/Department/Organisation:
Location
Year of establishment

Indian Council of Medical Research
Andaman and Nicobar Islands
1983

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

27

40

Total Budget of the institution (Rs. Crores)

9

13

4.95

1.78

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

22.2

15.4

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

22.2

15.4

Number of projects executed (per 100 scientific staff)

22.2

46.2

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

86.8

229.3

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

6.1

28

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

133.3

153.8

Increase in women staff engaged in R&D (per 100 scientific staff)

66.7

153.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

7.7

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

122

77

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

3633.3

3384.6

Percentage of publications in top 10% of journals

2

3

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

10

10

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

22.2

46.2

Number of national academic collaborations measured by publications (per 100 scientific staff)

22.2

46.2

Percentage of permanent scientists and contractual researchers to overall staff

52

72

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

79

97.3

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

33.9

53.9

Percentage of women scientists in scientific staff

15

38.5

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

2

2

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

54

54

Parent ministry and department

0

47

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

22.2

15.4

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

22.2

15.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-Regional Medical Research Centre, Gorakhpur

Ministry/Department/Organisation: Indian Council of Medical Research
Location: Uttar Pradesh
Year of establishment: 2021

Type of R&D performed

Basic R&D, Applied R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6.4	4.9	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	63.8	8.2	
Number of projects executed (per 100 scientific staff)	36.2	23	
Beneficiaries of organisation's programmes		Individuals, Government Departments	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	63.8	8.2	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	22.6	63.2	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.5	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-12.8	11.5	
Increase in women staff engaged in R&D (per 100 scientific staff)	25.5	11.5	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	12.8	45.9	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	43	34	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1051.1	224.6	
Percentage of publications in top 10% of journals	38.7	28.5	
Number of IPRs filed (per Rs. 10 crore spent)	0	0.5	
Number of IPRs granted (per Rs. 10 crore spent)	0	0	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.1	1.8	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Total staff at the Lab: 140
Staff engaged in R&D: 47
Total Budget of the institution (Rs. Crores): 22.08

2021-22 2022-23

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	27.7	13.1	
Number of national academic collaborations measured by publications (per 100 scientific staff)	27.7	13.1	
Percentage of permanent scientists and contractual researchers to overall staff	33.6	33.9	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	12.1	27.8	
Does your organisation have procedures in place for sustainable sourcing of materials?	0	0.1	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	14.9	45.9	
Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	9.4	7.7	
Percentage of women scientists in scientific staff	8	10.6	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0.1	0	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	4.3	18	
Capacity Building Commission (CBC)	0	3.3	
International bodies	0	1.6	
Others	0	14.8	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	14.8	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.1	11.5	

Data submitted by the lab could not be validated



ICMR-National Institute of Malaria Research

Ministry/Department/Organisation:	Indian Council of Medical Research				2021-22	2022-23
Location	Delhi				426	396
Year of establishment	1977				53	47
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				110.67	96.98
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.7	8.5		Number of international collaborative projects with industry (per 100 scientific staff)	5.7	8.5
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.9	6.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.4	8.5
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international academic collaborations measured by publications (per 100 scientific staff)	49.1	63.8
Number of projects executed (per 100 scientific staff)	105.7	114.9		Number of national collaborative projects with industry (per 100 scientific staff)	3.8	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	26.4	34
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.9	2.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	113.2	144.7
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	12.4	13.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	36.8	35.9		Percentage of overall budget spent on R&D and S&T	22.4	26.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.4		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	-17	-2.1		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	5.7	-2.1		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	20.8	21.3		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	7.5	19.1		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	41.5	68.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	1.9	2.1
Number of skill development programmes conducted (per 100 scientific staff)	15.1	25.5		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	5.7	23.4
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	18.9	12.8		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	208	272		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Percentage of young scientists in scientific staff	9.1	7.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	9707.5	10348.9		Percentage of women scientists in scientific staff	6.2	8.3
Percentage of publications in top 10% of journals	16.5	14.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.6	0.1
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.1	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0		Parent ministry and department	5.7	2.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	1.9	4.3
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0		Others	5.7	6.4
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.9	34
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.9	38.3
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.2				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.4	0.2				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

ICMR-National Institute of Nutrition

Ministry/Department/Organisation:		Indian Council of Medical Research				
Location	Telangana			2021-22	2022-23	
Year of establishment	1912			Total staff at the Lab	548	
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				Staff engaged in R&D	
				Total Budget of the institution (Rs. Crores)	122	
					67.28	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1	2.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1	1.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.9	1.6
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3.8	3.3		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	37.5	34.4		Number of national collaborative projects with industry (per 100 scientific staff)	2.9	1.6
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.7	10.7
Beneficiaries of organisation's programmes				Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	28.8	25.4		Percentage of permanent scientists and contractual researchers to overall staff	56.5	66.6
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0				
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	98	98
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0			0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in number of staff engaged in R&D (per 100 scientific staff)	-17.3	4.9		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	No
Increase in women staff engaged in R&D (per 100 scientific staff)	32.7	4.9		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Number of startups supported through:						
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	63.5	56.6		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	1.9	1.6		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of skill development programmes conducted (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	1.9	1.6		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	96.2	118.9
Number of national awards and fellowships (per 100 scientific staff)	0	4.1		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	54	46		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	177.9	99.2		Percentage of young scientists in scientific staff	35	62
Percentage of publications in top 10% of journals	2	2		Percentage of women scientists in scientific staff	26.5	32
Number of national and international recognitions (per 100 scientific staff)	0	0.8		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	2	2
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
				Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Parent ministry and department	13	16
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	2	1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Others	13	16
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.9	2.5
Number of new products/services introduced (per Rs. 10 crore spent)	0.5	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1	1.6
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.2				
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	5.1	9.7				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	4.2	0.1				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A-3)						
1st Quartile		2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

ICMR-Vector Control Research Centre

Ministry/Department/Organisation:

Location

Year of establishment

Indian Council of Medical Research

Puducherry

1975

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

2021-22

2022-23

140

126

20

25

42.83

51.81

Indicator

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2021-22

2022-23

5

8

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

260

Individuals, NGOs, Industry, Government Departments

288

Individuals, Industry, Government Departments

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

0

0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

17.7

73

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.5

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.4

Increase in number of staff engaged in R&D (per 100 scientific staff)

55

-4

Increase in women staff engaged in R&D (per 100 scientific staff)

35

-4

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

65

44

Number of trainings imparted by lab (per 100 scientific staff)

45

60

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

0

16

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

60

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

285

192

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

5305

8944

Percentage of publications in top 10% of journals

2

0

Number of national and international recognitions (per 100 scientific staff)

0

40

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0.2

0.6

Number of IPRs granted (per Rs. 10 crore spent)

0

0.6

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0.6

Number of IPRs licensed out (per Rs. 10 crore spent)

0.2

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.2

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.2

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.5

0.2

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.4

0.4

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.6

0.2

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

Number of international collaborative projects with industry (per 100 scientific staff)

2021-22

2022-23

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

8

Number of international academic collaborations measured by publications (per 100 scientific staff)

20

4

Number of national collaborative projects with industry (per 100 scientific staff)

5

4

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

80

100

Number of national academic collaborations measured by publications (per 100 scientific staff)

220

140

Percentage of permanent scientists and contractual researchers to overall staff

14.3

19.8

Percentage of overall budget spent on R&D and S&T

100

100

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

9.9

16.4

Percentage of women scientists in scientific staff

9.9

13.5

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.3

0.8

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

170



ICMR-National Institute for Research in Tuberculosis

Ministry/Department/Organisation:	Tamil Nadu		Indian Council of Medical Research				
Location	Tamil Nadu		1956		Total staff at the Lab	2021-22	2022-23
Year of establishment	1956				Staff engaged in R&D	135	105
Type of R&D performed	Basic R&D, Applied R&D, Services R&D				Total Budget of the institution (Rs. Crores)	85.5	91.5
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.2	7.6			Number of international collaborative projects with industry (per 100 scientific staff)	12.6	10.5
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.2	7.6			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.2	4.8
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.2	7.6			Number of international academic collaborations measured by publications (per 100 scientific staff)	11.9	18.1
Number of projects executed (per 100 scientific staff)	73.3	86.7			Number of national collaborative projects with industry (per 100 scientific staff)	7.4	10.5
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	25.2	31.4
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.5	2.9			Number of national academic collaborations measured by publications (per 100 scientific staff)	28.9	33.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	60	153.3			Percentage of permanent scientists and contractual researchers to overall staff	59.2	53.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	39.6	69.3			Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	92.1	91.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.5	0.3			Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	74.1	-177.1			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	20	-177.1			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	Yes	Yes			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0			Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0			Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3	3.8			Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	7.4	26.7			Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	43.7	63.8			Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	11.1	39
Number of skill development programmes conducted (per 100 scientific staff)	2.2	15.2			Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	21.5	27.6			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0			Is your organisation's website differently-abled friendly?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	82	110			Percentage of young scientists in scientific staff	10.9	16.1
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0			Percentage of women scientists in scientific staff	7.8	12.2
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	6316.3	12461			Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of publications in top 10% of journals	21.6	8.7			Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international recognitions (per 100 scientific staff)	0.7	1			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs granted (per Rs. 10 crore spent)	0	0			Parent ministry and department	80	40
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0			Capacity Building Commission (CBC)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0			International bodies	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0			Others	100	100
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.7	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0			Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3	1.9
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.1					
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	6.4	3.1					
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.3					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0.2	0.2					
Qualitative questions have not been included here and can be found in the questionnaire (A-3)							
1st Quartile		2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated		

ICMR-National Institute of Cholera and Enteric Diseases

Ministry/Department/Organisation:	Indian Council of Medical Research			2021-22	2022-23	
Location	West Bengal			480	440	
Year of establishment	1962					
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			Total staff at the Lab		
Indicator	2021-22	2022-23		Staff engaged in R&D	350	301
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.6	1.3		Total Budget of the institution (Rs. Crores)	44.18	52.01
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.6	1.3		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.6	1.3		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	15.4	20.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.7	1.3
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	10.9	16.3
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0.3	1
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.6	5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	115.4	140.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	11.4	11.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2		Percentage of permanent scientists and contractual researchers to overall staff	72.9	68.4
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	55.1	47.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	6.3	-11.6		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)	9.7	-11.6		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0.3	3		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	2.3	5.6		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	0.6	1.3		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	1.1	3		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	22.6	38.9
Number of national awards and fellowships (per 100 scientific staff)	0	0.3		Are your organisation's R&D facilities available on the I-ST&M national portal?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	26	34		Is your organisation's website differently-abled friendly?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	215.4	586		Percentage of young scientists in scientific staff	81.2	58
Percentage of publications in top 10% of journals	38.7	36		Percentage of women scientists in scientific staff	42.6	38.6
Number of national and international recognitions (per 100 scientific staff)	0.9	1.7		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of IPRs filed (per Rs. 10 crore spent)	0.7	0.4		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0.8
Number of non-worked patents (per Rs. 10 crore spent)	0.7	0.4		Capacity Building Commission (CBC)	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.6		International bodies	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Others	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	8.4	12.7		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.4	5.3
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2	3
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.7	1				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.2	0.1				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.1				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	



ICMR-National Institute of Translational Virology and AIDS Research

Ministry/Department/Organisation:	Indian Council of Medical Research				
Location	Maharashtra				
Year of establishment	1992				
Type of R&D performed	Basic R&D, Applied R&D, Services R&D		Total staff at the Lab	2021-22	2022-23
Indicator	2021-22	2022-23	Staff engaged in R&D	182	83
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	20	Total Budget of the institution (Rs. Crores)	72	55
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		40.34	42.22
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Indicator	2021-22	2022-23
Number of projects executed (per 100 scientific staff)	48.6	56.4	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.6	5.5
Number of research staff appointed to government or national committees (per 100 scientific staff)	18.1	23.6	Number of international academic collaborations measured by publications (per 100 scientific staff)	2.8	1.8
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	5.6	5.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	41.4	100.2	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	13.9	12.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	4.2	7.3
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2	Percentage of permanent scientists and contractual researchers to overall staff	27.8	26.7
Increase in number of staff engaged in R&D (per 100 scientific staff)	40.3	-16.4	Percentage of overall budget spent on R&D and S&T	85	85
Increase in women staff engaged in R&D (per 100 scientific staff)	9.7	-16.4	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	1.5	4.7	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support (per Rs. 10 crore spent)	0.7	1.7	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	1.7	1.4	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	2	4	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	4.2	5.5	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	16.7	21.8	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	12.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	1.4	5.5	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	4.2	25.5	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of international awards and fellowships (per 100 scientific staff)	1.4	1.8	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	75	65	Are your organisation's R&D facilities available on the I-ST&M national portal?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	1.8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	5066.7	7003.6	Is your organisation's website differently-abled friendly?	No	No
Percentage of publications in top 10% of journals	0	1	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	1.8	Percentage of young scientists in scientific staff	67.3	66.1
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Percentage of women scientists in scientific staff	70.8	74.5
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1.5	1.2	Parent ministry and department	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	1.8
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	International bodies	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Others	1.4	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.4	1.8
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.2	0.1			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.3	0.1			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.1	0.1			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
					Data submitted by the lab could not be validated

ICMR-National Institute for Research in Digital Health and Data Science

Ministry/Department/Organisation:		Indian Council of Medical Research				
Location		Delhi				
Year of establishment		1977				
Type of R&D performed		Basic R&D, Applied R&D, Services R&D				
Indicator		2021-22	2022-23		2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0			
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0			
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0			
Number of projects executed (per 100 scientific staff)		34.8	13.4			
Beneficiaries of organisation's programmes		Government Departments	Government Departments			
Number of research staff appointed to government or national committees (per 100 scientific staff)		0	0			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0			
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		36.6	40.1			
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0			
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0			
Increase in number of staff engaged in R&D (per 100 scientific staff)		169.6	16.4			
Increase in women staff engaged in R&D (per 100 scientific staff)		43.5	16.4			
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0			
Has your organisation set up a Section 8 company to support startups?		No	No			
Number of startups supported through:						
Training (per Rs. 10 crore spent)		0	0			
Consultancy services (per Rs. 10 crore spent)		0	0			
Research support (per Rs. 10 crore spent)		0	0			
Mentorship (per Rs. 10 crore spent)		0	0			
Other forms of support (per Rs. 10 crore spent)		0	0			
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0			
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0			
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0			
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0	3			
Number of trainings imparted by lab (per 100 scientific staff)		0	0			
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0	0			
Number of skill development programmes conducted (per 100 scientific staff)		0	0			
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		0	0			
Number of national awards and fellowships (per 100 scientific staff)		0	0			
Number of international awards and fellowships (per 100 scientific staff)		0	0			
Number of publications in quality peer reviewed journals (per 100 scientific staff)		126	33			
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0	0			
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		239.1	4.5			
Percentage of publications in top 10% of journals		4.2	5.4			
Number of national and international recognitions (per 100 scientific staff)		0	0			
Number of reports leading to designs and products (per 100 scientific staff)		0	0			
Number of IPRs filed (per Rs. 10 crore spent)		0	0			
Number of IPRs granted (per Rs. 10 crore spent)		0	0			
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0			
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0			
Number of non-worked patents (per Rs. 10 crore spent)		0	0			
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0			
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0			
Number of new products/services introduced (per Rs. 10 crore spent)		0	0			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	
						Data submitted by the lab could not be validated

ICMR-Regional Medical Research Centre, Bhubaneswar

Ministry/Department/Organisation:		Indian Council of Medical Research			
Location		Odisha			
Year of establishment		1981			
Type of R&D performed		Applied R&D, Services R&D			
Indicator		2021-22	2022-23		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		0	0		
Number of projects executed (per 100 scientific staff)		46.9	46.4		
Beneficiaries of organisation's programmes		Individuals, Government Departments	Individuals, Government Departments		
Number of research staff appointed to government or national committees (per 100 scientific staff)		1	0.9		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		22.7	27.8		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.1	0.1		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)		50	22.3		
Increase in women staff engaged in R&D (per 100 scientific staff)		24.5	22.3		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0		
Has your organisation set up a Section 8 company to support startups?		No	No		
Number of startups supported through:					
Training (per Rs. 10 crore spent)		0	0		
Consultancy services (per Rs. 10 crore spent)		0	0		
Research support (per Rs. 10 crore spent)		0	0		
Mentorship (per Rs. 10 crore spent)		0	0		
Other forms of support (per Rs. 10 crore spent)		0	0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		18.4	16.1		
Number of trainings imparted by lab (per 100 scientific staff)		45.9	48.2		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		55.1	42.9		
Number of skill development programmes conducted (per 100 scientific staff)		0	0		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		48	56.3		
Number of national awards and fellowships (per 100 scientific staff)		0	0		
Number of international awards and fellowships (per 100 scientific staff)		0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)		59	39		
Number of technology development/ design project reports commissioned (per 100 scientific staff)		0	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		7735.7	11523.2		
Percentage of publications in top 10% of journals		27.5	18.1		
Number of national and international recognitions (per 100 scientific staff)		4.1	6.3		
Number of reports leading to designs and products (per 100 scientific staff)		0	0		
Number of IPRs filed (per Rs. 10 crore spent)		0	0.2		
Number of IPRs granted (per Rs. 10 crore spent)		0	0.2		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		
Number of non-worked patents (per Rs. 10 crore spent)		0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0		
Number of new products/services introduced (per Rs. 10 crore spent)		0.2	0		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		10	10		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0.1		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile
					Data submitted by the lab could not be validated

ICMR-National Centre for Disease Informatics and Research

Ministry/Department/Organisation:		Indian Council of Medical Research			
Location		Karnataka			
Year of establishment		2011			
Type of R&D performed		Applied R&D, Services R&D			
Indicator		2021-22	2022-23		
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		22.6	19.6		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		22.6	19.6		
Number of projects executed (per 100 scientific staff)		83	69.6		
Beneficiaries of organisation's programmes		Individuals, Government Departments	Individuals, Government Departments		
Number of research staff appointed to government or national committees (per 100 scientific staff)		3.8	6.5		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		223.6	426.1		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		1	1.6		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)		50.9	10.9		
Increase in women staff engaged in R&D (per 100 scientific staff)		35.8	10.9		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0		
Has your organisation set up a Section 8 company to support startups?		No	No		
Number of startups supported through:					
Training (per Rs. 10 crore spent)		0	0		
Consultancy services (per Rs. 10 crore spent)		0	0		
Research support (per Rs. 10 crore spent)		0	0		
Mentorship (per Rs. 10 crore spent)		0	0		
Other forms of support (per Rs. 10 crore spent)		0	0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0	0		
Number of trainings imparted by lab (per 100 scientific staff)		39.6	60.9		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		9.4	45.7		
Number of skill development programmes conducted (per 100 scientific staff)		7.5	10.9		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		24.5	39.1		
Number of national awards and fellowships (per 100 scientific staff)		0	0		
Number of international awards and fellowships (per 100 scientific staff)		0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)		26	46		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		1.9	0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		8766	2669.6		
Percentage of publications in top 10% of journals		35.7	19.1		
Number of national and international recognitions (per 100 scientific staff)		3.8	8.7		
Number of reports leading to designs and products (per 100 scientific staff)		0	0		
Number of IPRs filed (per Rs. 10 crore spent)		0	0		
Number of IPRs granted (per Rs. 10 crore spent)		0	0		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		
Number of non-worked patents (per Rs. 10 crore spent)		0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0.6	0.4		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0.2	0		
Number of new products/services introduced (per Rs. 10 crore spent)		3.3	0.2		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0.1	0		
Total staff at the Lab		127	140		
Staff engaged in R&D		53	46		
Total Budget of the institution (Rs. Crores)		50.94	55.81		
Indicator		2021-22	2022-23		
Number of international collaborative projects with industry (per 100 scientific staff)		0	0		
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		1.9	0		
Number of international academic collaborations measured by publications (per 100 scientific staff)		11.3	8.7		
Number of national collaborative projects with industry (per 100 scientific staff)		0	0		
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		67.9	58.7		
Number of national academic collaborations measured by publications (per 100 scientific staff)		11.3	10.9		
Percentage of permanent scientists and contractual researchers to overall staff		41.7	32.9		
Percentage of overall budget spent on R&D and S&T		71	81		
R&D expenditure on green technologies (per Rs. 10 crore spent)		0	0		
Does your organisation have procedures in place for sustainable sourcing of materials?		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - E-Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		No	No		
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		No	No		
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Other Waste		No	No		
Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes	Yes		
Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes	Yes		
Does your organisation have necessary ethics guidelines and policies in place?		Yes	Yes		
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes	Yes		
Does your organisation have a public grievance redressal cell?		Yes	Yes		
Does your organisation have national accreditation/ certification for its lab procedure?		No	No		
Does your organisation have international accreditation/ certification for its lab procedure?		No	No		
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		0	0		
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)		9.4	45.7		
Are your organisation's R&D facilities available on the I-STEM national portal?		No	No		
Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes	Yes		
Is your organisation's website differently-abled friendly?		No	No		
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		No	No		
Percentage of young scientists in scientific staff		38.2	28.8		
Percentage of women scientists in scientific staff		42.6	42.3		
Are the facilities at your organisation differently-abled friendly?		No	No		
Percentage of the total budget spent on training and skill up-gradation		0.3	0.1		
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes	Yes		
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes	Yes		
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by					
Parent ministry and department		9.4	50		
Capacity Building Commission (CBC)		5.7	43.5		
International bodies		17	2.2		
Others		0	4.4		
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		13.2	21.7		
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		13.2	30.4		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Institute of Immunohaematology

Ministry/Department/Organisation:			Indian Council of Medical Research					
Location			Maharashtra					
Year of establishment			1957					
Type of R&D performed			Basic R&D, Services R&D					
Indicator			2021-22			2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			0			0		
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)			0.8			0		
Number of projects executed (per 100 scientific staff)			52			46.2		
Beneficiaries of organisation's programmes			Individuals, Industry, Government Departments			Individuals, Industry, Government Departments		
Number of research staff appointed to government or national committees (per 100 scientific staff)			0			0		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)			1.6			2.2		
Number of persons who attended skill development, entrepreneurship, and innovation trainings organised by the lab (per Rs. 10 crore spent)			33.1			42.5		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0			0		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)			0			0		
Increase in number of staff engaged in R&D (per 100 scientific staff)			24			-31.2		
Increase in women staff engaged in R&D (per 100 scientific staff)			17.6			-31.2		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)			11.3			24.4		
Has your organisation set up a Section 8 company to support startups?			No			No		
Number of startups supported through:								
Training (per Rs. 10 crore spent)			0			0		
Consultancy services (per Rs. 10 crore spent)			0			0		
Research support (per Rs. 10 crore spent)			0			0		
Mentorship (per Rs. 10 crore spent)			0			0		
Other forms of support (per Rs. 10 crore spent)			0			0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)			11.3			24.4		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)			0			0		
Number of spin-out companies generated (per Rs. 10 crore spent)			0			1.1		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)			4.8			3.2		
Number of trainings imparted by lab (per 100 scientific staff)			9.6			24.7		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)			0			0		
Number of skill development programmes conducted (per 100 scientific staff)			9.6			24.7		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)			10.4			12.9		
Number of national awards and fellowships (per 100 scientific staff)			0.8			0		
Number of international awards and fellowships (per 100 scientific staff)			0			2.2		
Number of publications in quality peer reviewed journals (per 100 scientific staff)			41			45		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)			0.8			0		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)			183.2			265.6		
Percentage of publications in top 10% of journals			1			0		
Number of national and international recognitions (per 100 scientific staff)			7.2			4.3		
Number of reports leading to designs and products (per 100 scientific staff)			2.4			4.3		
Number of IPRs filed (per Rs. 10 crore spent)			1.9			3.2		
Number of IPRs granted (per Rs. 10 crore spent)			0.9			1.1		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)			0.9			1.1		
Number of IPRs licensed out (per Rs. 10 crore spent)			0			0		
Number of non-worked patents (per Rs. 10 crore spent)			0.9			3.2		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)			0			0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)			0.9			1.1		
Number of new products/services introduced (per Rs. 10 crore spent)			66.2			0		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0.6			0.8		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0			0		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)			0			0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)			10			10		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)			0			0.1		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)			0			0.1		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)			0			0		
Qualitative questions have not been included here and can be found in the questionnaire (A-3)						Data submitted by the lab could not be validated		

ICMR-National Institute for Implementation Research on Non-Communicable Diseases

Ministry/Department/Organisation:		Indian Council of Medical Research							
Location	Rajasthan						2021-22	2022-23	
Year of establishment	1984						Total staff at the Lab	137	118
Type of R&D performed	Services R&D						Staff engaged in R&D	84	67
							Total Budget of the institution (Rs. Crores)	15.19	17.92
Indicator	2021-22	2022-23					Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0					Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	13.1	37.3					Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	1.5
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments					Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	2.4	4.5					Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0					Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6	26.9
Number of persons who attended skill development, entrepreneurship, and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0					Number of national academic collaborations measured by publications (per 100 scientific staff)	10.7	3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.3	1.1					Percentage of permanent scientists and contractual researchers to overall staff	61.3	56.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0					Percentage of overall budget spent on R&D and S&T	18	0.7
Increase in number of staff engaged in R&D (per 100 scientific staff)	32.1	-37.3					R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff enaged in R&D (per 100 scientific staff)	-20.2	-37.3					Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:							Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0					Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0					Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0					Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0					Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	3.6	3					Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	0	0					Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	9.5	4.5					Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0					Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0					Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	19	13					Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0					Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0					Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0					Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0					Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0					Percentage of young scientists in scientific staff	90.5	92.5
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0					Percentage of women scientists in scientific staff	37.9	25.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0					Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0					Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0					Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0					Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0					Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Parent ministry and department	8.3	8.3
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					Capacity Building Commision (CBC)	0	8.3
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					International bodies	25	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1	2.8					Others	16.6	25
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.1					Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	4.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0.3					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0							
Qualitative questions have not been included here and can be found in the questionnaire (A.3)									
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile Data submitted by the lab could not be validated									

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

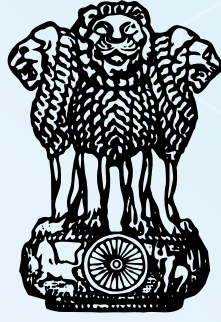
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

ICMR-National Animal Resource Facility for Biomedical Research

Ministry/Department/Organisation:		Indian Council of Medical Research			
Location		Telangana		2021-22	2022-23
Year of establishment		2022		29	36
Type of R&D performed		Services R&D		Total staff at the Lab	
				Staff engaged in R&D	5
				Total Budget of the institution (Rs. Crores)	51.62
					52.3
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	0	8.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	20	8.3	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	8.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	17.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2	Percentage of permanent scientists and contractual researchers to overall staff	20	41
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	7.5	28
Increase in number of staff engaged in R&D (per 100 scientific staff)	120	-8.3	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in women staff engaged in R&D (per 100 scientific staff)	20	-8.3	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	0	16.7	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	0	16.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	17	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of national and international recognitions (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	83.3	91.6
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	9	9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	40	58.3
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	8.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A-3)			Data submitted by the lab could not be validated		
			1st Quartile	2nd Quartile	3rd Quartile
			4th Quartile		





सत्यमेव जयते

**Ministry of Electronics and
Information Technology**
Government of India

Centre for Development of Advanced Computing

Ministry/Department/Organisation:	Ministry of Electronics and Information Technology					
Location	Maharashtra				2021-22	2022-23
Year of establishment	1988				5142	6533
				Total staff at the Lab		
				Staff engaged in R&D	2463	3140
				Total Budget of the institution (Rs. Crores)	1486.25	1572.2
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.6	0.8		Number of international collaborative projects with industry (per 100 scientific staff)	0.1	0.1
Number of projects executed (per 100 scientific staff)	9.9	9.2		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0.3		Number of national collaborative projects with industry (per 100 scientific staff)	0.7	0.6
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	73.4	112.3		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.2	2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	2.2	2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	79.9	83.2
Increase in number of staff engaged in R&D (per 100 scientific staff)	-1	6.8		Percentage of overall budget spent on R&D and S&T	66.3	52.2
Increase in women staff engaged in R&D (per 100 scientific staff)	-0.4	6.8		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0.5	0.1		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.1	0.1		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of PhD Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	38.9	22.9		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	2	1		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	8	6.2		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	8	16		Are your organisation's R&D facilities available on the I-STM national portal?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.2	0.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.4		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.2		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	65	72
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	29.2	29.6
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0.1		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.5		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.5	3		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.7		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	7.2	10.4
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	4.8	3.9		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		International bodies	4.2	3.7
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Others	88.6	86.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.6	3.2
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.8	1.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Semi Conductor Laboratory

Ministry/Department/Organisation:

Location

Year of establishment

Punjab Ministry of Electronics and Information Technology

2005

2021-22

2022-23

Total staff at the Lab

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

543

516

215

206

529.7

524.79

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.8

3.4

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

46

31.1

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

5.8

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

2.9

2.9

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

8.4

8.7

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

8.4

8.7

Increase in number of staff engaged in R&D (per 100 scientific staff)

-7

0.5

Percentage of permanent scientists and contractual researchers to overall staff

39.3

40.6

Increase in women staff engaged in R&D (per 100 scientific staff)

-0.9

0.5

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

57

57

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

24.7

48.5

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

2

2

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

9.3

5.3

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0.5

Percentage of publications in top 10% of journals

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

17.2

40.8

Number of IPRs filed (per Rs. 10 crore spent)

0.1

0.1

Are your organisation's R&D facilities available on the I-STBM national portal?

Yes

Yes

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

44.1

46.1

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

0.3

0.3

Number of new products/services introduced (per Rs. 10 crore spent)

0.4

0.5

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

16.7

1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.7

0.5

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Others

4.2

25.7

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

20

4.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.3

2.9

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.3

2.9

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.3

2.9

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

20

4.9

Number of women scientists and researchers supported



Centre for Materials for Electronics Technology

Ministry/Department/Organisation:
Location
Year of establishment

Maharashtra
1990

Ministry of Electronics and Information Technology

Total staff at the Lab
Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

2021-22
283
186
60

2022-23
274
179
100

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.2	1.1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.1	1.1	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.1	1.1
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.5	0.6	Number of international academic collaborations measured by publications (per 100 scientific staff)	0.5	0.6
Number of projects executed (per 100 scientific staff)	19.9	18.4	Number of national collaborative projects with industry (per 100 scientific staff)	2.2	2.8
Beneficiaries of organisation's programmes			Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	1.6	1.7	Number of national academic collaborations measured by publications (per 100 scientific staff)	5.4	8.4
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	27.7	23.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	166.7	120	Percentage of overall budget spent on R&D and S&T	50	50
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	0.6	R&D expenditure on green technologies (per Rs. 10 crore spent)	2.5	1.8
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.2	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	9.1	2.8	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	0.5	2.8	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0.1	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0.1	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0.7	0.7	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0.1	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	10.2	12.8	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	3.2	4.5	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	29	26.3	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	23.7	30.2
Number of skill development programmes conducted (per 100 scientific staff)	4.3	17.9	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	7.5	6.1
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0.6	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Percentage of young scientists in scientific staff	86	84.6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	493.5	290.5	Percentage of women scientists in scientific staff	34.6	38.6
Percentage of publications in top 10% of journals	5	2.5	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.2	0.2
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.3	1.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.4	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0.1	Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	16.7	72.6
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.5	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.5	29.6
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.5	0.3			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	9.9	2.6			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0.2			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			

Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Society for Applied Microwave Electronics Engineering and Research

Ministry/Department/Organisation: Location Year of establishment		Ministry of Electronics and Information Technology Maharashtra 1984		Total staff at the Lab	2021-22	2022-23	
				Staff engaged in R&D	436	525	
				Total Budget of the institution (Rs. Crores)	258	294	
					116	132	
Type of R&D performed	Applied R&D, Services R&D						
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.2	3.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.2	3.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	17.4	18.4		Number of international academic collaborations measured by publications (per 100 scientific staff)	0.8	0	
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	1.6	1.7	
Number of research staff appointed to government or national committees (per 100 scientific staff)	0.4	0.3		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	11.6	12.2	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	5.8	4.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	3.5	3.4	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	7.3	3.9		Percentage of permanent scientists and contractual researchers to overall staff	59.4	56	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of overall budget spent on R&D and S&T	45	48	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		R&D expenditure on green technologies (per Rs. 10 crore spent)	8.6	7.6	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-20.2	4.4		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Increase in women staff engaged in R&D (per 100 scientific staff)	-2.7	4.4		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0.1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.9	4.4		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of trainings imparted by lab (per 100 scientific staff)	32.9	17.7		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	32.9	17.7		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of skill development programmes conducted (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0.7	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0.3	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STM national portal?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	5	3		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	3.1	5.1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	105	72.1		Percentage of young scientists in scientific staff	45.3	44.2	
Percentage of publications in top 10% of journals	14	20		Percentage of women scientists in scientific staff	18.4	16.2	
Number of national and international recognitions (per 100 scientific staff)	0.8	1		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of reports leading to designs and products (per 100 scientific staff)	5.4	4.4		Percentage of the total budget spent on training and skill up-gradation	2	2	
Number of IPRs filed (per Rs. 10 crore spent)	0	0.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0		Parent ministry and department	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0.1		International bodies	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0		Others	86.4	100	
Number of new products/services introduced (per Rs. 10 crore spent)	0.5	1.8		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.9	3.7	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.4	2	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.9	0.4					
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	7.8	2.9					
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	7.8	2.9					
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)							
				1st Quartile	2nd Quartile	3rd Quartile	4th Quartile
				Data submitted by the lab could not be validated			

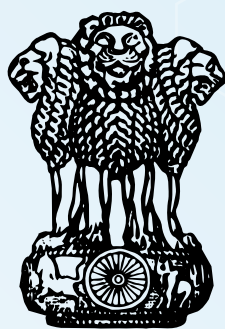
Standardisation Testing and Quality Certification Directorate

Ministry/Department/Organisation:	Ministry of Electronics and Information Technology				2021-22	2022-23
Location	Delhi				467	475
Year of establishment	1977				232	204
Type of R&D performed	Services R&D				114.91	120
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	1.5	Number of international collaborative projects with industry (per 100 scientific staff)	0.4	0.5	
Number of projects executed (per 100 scientific staff)	1.3	1.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of research staff appointed to government or national committees (per 100 scientific staff)	17.2	20.6	Number of national collaborative projects with industry (per 100 scientific staff)	0.9	1	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.9	1	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	36.5	48.2	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	49.7	43	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	5.7	8.4	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-14.7	1	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Increase in women staff engaged in R&D (per 100 scientific staff)	-3	1	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of trainings imparted by lab (per 100 scientific staff)	12.9	17.2	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of skill development programmes conducted (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	5.2	6.9	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	6	6.9	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	3	3.4	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	14.2	15.7	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of national and international recognitions (per 100 scientific staff)	2.6	2.9	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of reports leading to designs and products (per 100 scientific staff)	120.7	174	Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	23.3	25.5	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	22.4	21.6	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill upgradation	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	2.3	2.3	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.6	0.3	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.9	0.9	Parent ministry and department	100	85	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.9	Capacity Building Commission (CBC)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Others	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3	2.5	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0.9	0.5	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
<div>1st Quartile</div> <div>2nd Quartile</div> <div>3rd Quartile</div> <div>4th Quartile</div>						
Data submitted by the lab could not be validated						

Education and Research Network of India

Ministry/Department/Organisation:	Ministry of Electronics and Information Technology						
Location	Delhi					2021-22	2022-23
Year of establishment	1998				Total staff at the Lab	27	29
Type of R&D performed	Services R&D				Staff engaged in R&D	16	18
					Total Budget of the institution (Rs. Crores)	65	70
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	18.8	16.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	43.8	44.4		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of research staff appointed to government or national committees (per 100 scientific staff)	18.8	22.2		Number of national collaborative projects with industry (per 100 scientific staff)	6.3	5.6	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	37.5	38.9	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	7.7	17.3		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	11.1	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of permanent scientists and contractual researchers to overall staff	51.5	51.5	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	5	5	
Increase in number of staff engaged in R&D (per 100 scientific staff)	6.3	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Increase in women staff enaged in R&D (per 100 scientific staff)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of skill development programmes conducted (per 100 scientific staff)	6.3	5.6		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	12.5	5.6		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	16.7		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	16.7	
Number of national and international recognitions (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	9	9	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	9	9	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.3		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from domestic non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0	
Earnings from international non-government sources - training consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commision (CBC)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated			





सत्यमेव जयते

Ministry of Earth Sciences
Government of India

Centre for Marine Living Resources and Ecology

Ministry/Department/Organisation:
Location
Year of establishment

Kerala
1991

Ministry of Earth Sciences

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

5.6

3

Beneficiaries of organisation's programmes

Government Departments

Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

16.1

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-8.3

14.9

Increase in women staff engaged in R&D (per 100 scientific staff)

-2.8

14.9

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

58

27

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

1527.8

844.8

Percentage of publications in top 10% of journals

26.7

14.3

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Total staff at the Lab

2021-22

2022-23

43

74

Staff engaged in R&D

36

67

Total Budget of the institution (Rs. Crores)

92.88

96.7

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

2.8

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

2.8

1.5

Number of national academic collaborations measured by publications (per 100 scientific staff)

2.8

1.5

Percentage of permanent scientists and contractual researchers to overall staff

75

83.8

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

69

63

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

0

6

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

53.6

67.2

Percentage of women scientists in scientific staff

25.6

28.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

2

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

8.3

1.5

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

1.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Centre for Polar and Ocean Research

Ministry/Department/Organisation:	Ministry of Earth Sciences				2021-22	2022-23	
Location	Goa				136	160	
Year of establishment	1998				85	110	
Type of R&D performed	Basic R&D				200.32	207.29	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	25.9	17.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	40	31.8	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	69.1	78.6	
Increase in number of staff engaged in R&D (per 100 scientific staff)	1.2	4.5		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	84.1	86.1	
Increase in women staff engaged in R&D (per 100 scientific staff)	0	4.5		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.5	4.5		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	32.9	66.4		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	2.4	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	147	95		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	2.4	0	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	49.4	57.3	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1071.8	401.8		Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes	
Percentage of publications in top 10% of journals	5.2	9.7		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	57.3	63.1	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	14.6	15.6	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.1		Percentage of the total budget spent on training and skill up-gradation	2	2	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0.9	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0.9	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	3.5	8.2	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	18.8	29.1	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.6	12.7	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated			

Indian Institute of Tropical Meteorology

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of Earth Sciences
Maharashtra
1962

Type of R&D performed

Basic R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	1.6	1.2	
Beneficiaries of organisation's programmes	Government Departments	Government Departments	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	6.7	5.2	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0.2	0.2	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.2	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-14	4	
Increase in women staff engaged in R&D (per 100 scientific staff)	-4.1	4	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	25.9	20.7	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	5.2	4	
Number of national awards and fellowships (per 100 scientific staff)	0	0.4	
Number of international awards and fellowships (per 100 scientific staff)	0	0.4	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	128	84	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0.5	0.4	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	1648.7	1112	
Percentage of publications in top 10% of journals	0	0	
Number of IPRs filed (per Rs. 10 crore spent)	0	0	
Number of IPRs granted (per Rs. 10 crore spent)	0	0	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0.1	
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0.1	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.1	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

193

251

Total Budget of the institution (Rs. Crores)

130.21

151.8

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	32.6	21.5	
Number of national collaborative projects with industry (per 100 scientific staff)	0.5	0.4	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.5	0.4	
Number of national academic collaborations measured by publications (per 100 scientific staff)	0.5	0.4	
Percentage of permanent scientists and contractual researchers to overall staff	58.8	66.5	
Percentage of overall budget spent on R&D and S&T	73	63	
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	1	0.8	
Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	No	No	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	46.3	48.8	
Percentage of women scientists in scientific staff	45	49.1	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	25	25	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	0	
Capacity Building Commission (CBC)	5	5	
International bodies	5	5	
Others	0	0	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.6	10.4	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	5.6	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Ocean Technology

Ministry/Department/Organisation:		Ministry of Earth Sciences											
Location		Tamil Nadu											
Year of establishment		1993											
						2021-22							
						430							
						522							
						220							
						377.53							
						200.5							
Indicator		2021-22		2022-23		Indicator		2021-22		2022-23			
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		1.8		1.4				Number of international collaborative projects with industry (per 100 scientific staff)		0		0	
Number of projects executed (per 100 scientific staff)		4.8		7.3				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		0		0	
Beneficiaries of organisation's programmes		Industry, Government Departments		Industry, Government Departments				Number of international academic collaborations measured by publications (per 100 scientific staff)		14.5		10	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		0.6		0.5				Number of national collaborative projects with industry (per 100 scientific staff)		0		0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		0.3		0.2				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		0.6		0.9	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.1		0.1				Number of national academic collaborations measured by publications (per 100 scientific staff)		0.6		0.9	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.1		0.1				Percentage of permanent scientists and contractual researchers to overall staff		38.4		42.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)		-6.1		7.3				Percentage of overall budget spent on R&D and S&T		98		97	
Increase in women staff engaged in R&D (per 100 scientific staff)		-5.5		7.3				R&D expenditure on green technologies (per Rs. 10 crore spent)		0		0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place for sustainable sourcing of materials?		Yes		Yes	
Has your organisation set up a Section 8 company to support startups?		No		No				Does your organisation have procedures in place to safely reclaim waste? - E-Waste		No		No	
Number of startups supported through:								Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		No		No	
Training (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes		Yes	
Consultancy services (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		No		No	
Research support (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		No		No	
Mentorship (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		No		No	
Other forms of support (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes		Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0		0				Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes		Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0		0				Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes		Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)		0		0				Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes		Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0		0				Does your organisation have necessary ethics guidelines and policies in place?		Yes		Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		46.1		100.5				Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes		Yes	
Number of national awards and fellowships (per 100 scientific staff)		0		0.5				Does your organisation have a public grievance redressal cell?		Yes		Yes	
Number of international awards and fellowships (per 100 scientific staff)		0		0				Does your organisation have national accreditation/ certification for its lab procedure?		Yes		Yes	
Number of publications in quality peer reviewed journals (per 100 scientific staff)		32		25				Does your organisation have international accreditation/ certification for its lab procedure?		Yes		Yes	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		0.6		1.4				Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		3		2.7	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		722.4		1035				Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)		2.4		0.5	
Percentage of publications in top 10% of journals		38.7		36				Are your organisation's R&D facilities available on the I-STBM national portal?		No		No	
Number of IPRs filed (per Rs. 10 crore spent)		0.2		0.1				Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes		Yes	
Number of IPRs granted (per Rs. 10 crore spent)		0.2		0.5				Is your organisation's website differently-abled friendly?		Yes		Yes	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0		0				Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		No		No	
Number of IPRs licensed out (per Rs. 10 crore spent)		0.3		0.3				Percentage of young scientists in scientific staff		53.3		63.2	
Number of non-worked patents (per Rs. 10 crore spent)		0.1		0				Percentage of women scientists in scientific staff		34.1		36.7	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0		0				Are the facilities at your organisation differently-abled friendly?		Yes		Yes	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0.3		0.3				Percentage of the total budget spent on training and skill up-gradation		23		25	
Number of new products/services introduced (per Rs. 10 crore spent)		0		0.1				Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		No		No	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0				Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes		Yes	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0				Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by					
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0				Parent ministry and department		0		0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0		0				Capacity Building Commission (CBC)		0		0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0		0				International bodies		0		2.3	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0		0				Others		8.5		14.6	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0		0				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		0.6		0	
								Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		0.6		0	
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile		2nd Quartile		3rd Quartile		4th Quartile				Data submitted by the lab could not be validated	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Centre for Medium Range Weather Forecasting

Ministry/Department/Organisation:	Ministry of Earth Sciences				
Location	Uttar Pradesh			2021-22	2022-23
Year of establishment	1988			138	154
Type of R&D performed	Applied R&D			Total staff at the Lab	
Indicator	2021-22	2022-23		Staff engaged in R&D	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.8	1.4		Total Budget of the institution (Rs. Crores)	
Number of projects executed (per 100 scientific staff)	0	0		44	47
Beneficiaries of organisation's programmes	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Indicator	2021-22
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		2022-23	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	9.5	7.7		Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0		Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	41.8	1.4		Number of national collaborative projects with industry (per 100 scientific staff)	0
Increase in women staff engaged in R&D (per 100 scientific staff)	0	1.4		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0
Has your organisation set up a Section 8 company to support startups?	No	No		Percentage of permanent scientists and contractual researchers to overall staff	66.3
Number of startups supported through:				Percentage of overall budget spent on R&D and S&T	71
Training (per Rs. 10 crore spent)	0	0		R&D expenditure on green technologies (per Rs. 10 crore spent)	0
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	95	75		Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2798.2	1732.4		Does your organisation have a public grievance redressal cell?	Yes
Percentage of publications in top 10% of journals	20.6	23.5		Does your organisation have national accreditation/ certification for its lab procedure?	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.7	0.6		Is your organisation's website differently-abled friendly?	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	55.9
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	26
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	No
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Parent ministry and department	0
				Capacity Building Commission (CBC)	0
				International bodies	0
				Others	0
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.3
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.7
					2.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Centre for Coastal Research

Ministry/Department/Organisation:	Tamil Nadu Ministry of Earth Sciences			2021-22	2022-23	
Location	Tamil Nadu			86	120	
Year of establishment	1998					
Type of R&D performed	Applied R&D			Total staff at the Lab		
Indicator	2021-22	2022-23		Staff engaged in R&D	59	93
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6.8	4.3		Total Budget of the institution (Rs. Crores)	22.34	35.15
Number of projects executed (per 100 scientific staff)	50.8	32.3		Indicator	2021-22	2022-23
Beneficiaries of organisation's programmes	NGOs, Industry, Government Departments	NGOs, Industry, Government Departments		Number of international collaborative projects with industry (per 100 scientific staff)	1.7	3.2
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	5.1	5.4
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	4.5	3.4		Number of international academic collaborations measured by publications (per 100 scientific staff)	6.8	9.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.3		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.9	0.6		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	35.6	22.6
Increase in number of staff engaged in R&D (per 100 scientific staff)	59.3	1.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	35.6	22.6
Increase in women staff engaged in R&D (per 100 scientific staff)	18.6	1.1		Percentage of permanent scientists and contractual researchers to overall staff	72.7	69.4
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	2.2		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	75	55		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	20.3	12.9		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	733.9	328		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Percentage of publications in top 10% of journals	0	0		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	6.8	19.4
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	87	88
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	25	24.9
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.3	1.1		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill upgradation	1	1
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	8.1	10.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	1	3
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		International bodies	0	1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Others	2	5
				Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Centre for Earth Science Studies

Ministry/Department/Organisation:

Ministry of Earth Sciences

Location

Kerala

Year of establishment

2014

Total staff at the Lab

2021-22

2022-23

130

114

Staff engaged in R&D

71

54

Total Budget of the institution (Rs. Crores)

26.2

26.56

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.4

1.9

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

5.6

7.4

Number of projects executed (per 100 scientific staff)

42.3

94.4

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

5.3

5.3

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.4

0.8

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-16.9

-18.5

Increase in women staff engaged in R&D (per 100 scientific staff)

-5.6

-18.5

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

5.6

11.1

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

5.6

9.3

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

76

117

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

515.5

1037

Percentage of publications in top 10% of journals

9.3

22.2

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.4

0.4

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.3

0.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0.2

0

Number of international collaborative projects with industry (per 100 scientific staff)

1.4

1.9

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

12.7

14.8

Number of national collaborative projects with industry (per 100 scientific staff)

2.8

1.9

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.4

1.9

Number of national academic collaborations measured by publications (per 100 scientific staff)

1.4

1.9

Percentage of permanent scientists and contractual researchers to overall staff

64.5

57.4

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

70.9

48.4

Does your organisation have procedures in place for sustainable sourcing of material?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)

11.3

44.4

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

28.9

35.6

Percentage of women scientists in scientific staff

28.9

21.9

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

0.1

1.4

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

7

35.2

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

7.4

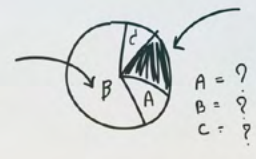
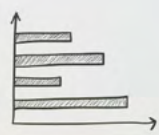
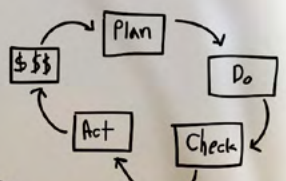
Qualitative questions have not been included here and can be found in the questionnaire (A-3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

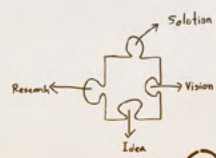
Data submitted by the lab could not be validated

Indian National Centre for Ocean Information Services

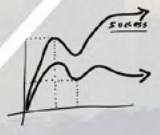
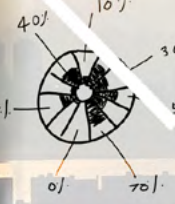
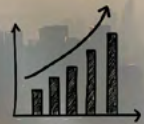
Ministry/Department/Organisation:	Ministry of Earth Sciences						
Location	Telangana					2021-22	2022-23
Year of establishment	1999				Total staff at the Lab	152	174
Type of R&D performed	Services R&D				Staff engaged in R&D	64	61
					Total Budget of the institution (Rs. Crores)	62.16	84.84
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	26.6	27.9		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	6.3	13.1		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	1.6	
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	17.2	24.6	
Number of research staff appointed to government or national committees (per 100 scientific staff)	7.8	8.2		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	6.3	13.1	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	244.7	78.9		Number of national academic collaborations measured by publications (per 100 scientific staff)	59.4	62.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0		Percentage of permanent scientists and contractual researchers to overall staff	52	69	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	0		Percentage of overall budget spent on R&D and S&T	75	75	
Increase in number of staff engaged in R&D (per 100 scientific staff)	37.5	29.5		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Increase in women staff engaged in R&D (per 100 scientific staff)	7.8	29.5		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of trainings imparted by lab (per 100 scientific staff)	25	19.7		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of skill development programmes conducted (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	25	26.2		Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	98	95		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	7812.5	10755.7	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of national and international recognitions (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	20.7	72	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	6.6	25.6	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.1	0.1	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.1		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.3	0.4		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0		Parent ministry and department	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Capacity Building Commission (CBC)	0	1.2	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		Others	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)							
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile Data submitted by the lab could not be validated							



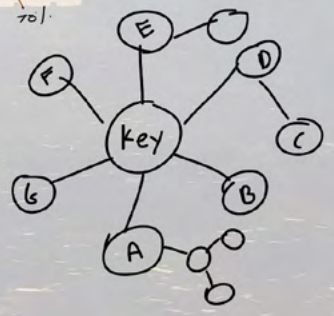
Success



IDEA



Production



Plan



सत्यमेव जयते

Central Ministries/ Departments Other than Major Scientific Agencies

Ministry of Ayush

Ministry of Environment, Forest and Climate Change

Ministry of Textiles

Ministry of Chemicals and Fertilizers

Ministry of Jal Shakti

Department Department for Promotion of Industry and Internal Trade

Ministry of Heavy Industries and Public Enterprises

Ministry of Micro, Small and Medium Enterprises

Department of Food and Public Distribution

Ministry of Food Processing Industries

Ministry of Power

Ministry of Agriculture and Farmers Welfare

Ministry of Railways

Geological Survey of India

Ministry/Department/Organisation:		Ministry of Mines				
Location	West Bengal					
Year of establishment	1851			Total staff at the Lab	2021-22 5778	2022-23 5820
				Staff engaged in R&D	2901	2926
Type of R&D performed	Applied R&D, Services R&D		Total Budget of the institution (Rs. Crores)		1166.5	1254.76
Indicator	2021-22	2022-23	Indicator		2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	0	0	Number of international collaborative projects with industry		0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs	0	0	Number of international collaborative projects with academic institutions and research labs		0	0
Number of projects executed	0	0	Number of international academic collaborations measured by publications		0	0
Beneficiaries of organisation's programmes	Industry, Government Departments	Industry, Government Departments	Number of national collaborative projects with industry		0	0
Number of research staff appointed to government or national committees	1.52	1.45	Number of national collaborative projects with academic institutions and research labs		0.18	0.17
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0	Number of national academic collaborations measured by publications		0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	2832	1841	Percentage of permanent scientists and contractual researchers to overall staff		55.97	58.14
Number of national programs (S&T symposia, conferences) organised by the lab	0	0	Percentage of overall budget spent on R&D and S&T		1.14	1.51
Number of international programs (S&T symposia, conferences) organised by the lab	0	0	R&D expenditure on green technologies		0	0
Increase in number of staff engaged in R&D	5.1	4.84	Does your organisation have procedures in place for sustainable sourcing of materials?		Yes	Yes
Increase in women staff engaged in R&D	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste		No	No
Number of startups incubated in the premises of the lab	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		No	No
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		No	No
Training	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		No	No
Consultancy services	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		No	No
Research support	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		No	No
Mentorship	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes	Yes
Other forms of support	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes	Yes
Number of deep science and deep tech startups supported	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?		0	0
Number of startups incubated at lab successfully exited	0	0	Does your organisation have necessary ethics guidelines and policies in place?		Yes	Yes
Number of spin-out companies generated	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes	Yes
Number of PhD, Master's, Graduate degrees awarded	0	0	Does your organisation have a public grievance redressal cell?		Yes	Yes
Number of trainings imparted by lab			Does your organisation have national accreditation/ certification for its lab procedure?		Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0	Does your organisation have international accreditation/ certification for its lab procedure?		No	No
Number of skill development programmes conducted	3.56	3.83	Number of startups and firms lab has opened testing and research facilities to		26	35
Number of scientists or project staff from lab that were deputed to provide training	1.24	1.21	Number of outside researchers and students labs has opened testing and research facilities to		20	37
Number of national awards and fellowships	0	0.4	Are your organisation's R&D facilities available on the I-STEM national portal?		No	No
Number of international awards and fellowships	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes	Yes
Number of publications in quality peer reviewed journals	0	0	Is your organisation's website differently-abled friendly?		Yes	Yes
Number of technology development/ design/ project reports commissioned	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		No	No
Number of citations received by papers published in the preceding three calendar years	0	0	Percentage of young scientists in scientific staff		0	0
Percentage of publications in top 10% of journals	0	0	Percentage of women scientists in scientific staff		27.37	27.47
Number of national and international recognitions			Are the facilities at your organisation differently-abled friendly?		Yes	Yes
Number of reports leading to designs and products			Percentage of the total budget spent on training and skill up-gradation		0.66	0.17
Number of IPRs filed	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes	Yes
Number of IPRs granted	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes	Yes
Number of patents granted in emerging technologies	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs licensed out	0	0	Parent ministry and department		100	100
Number of non-worked patents	0	0	Capacity Building Commission (CBC)		0	0
Number of national and international policies, regulations, and standards contributed to	0	0	International bodies		0	0
Number of technologies transferred domestically and internationally	0	0	Others		0	0
Number of new products/services introduced	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc		0	0
Earnings from government sources - training, consultancy, tech transfer fees	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc		0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0.023	0.034				
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0				
Total external research and development funding amount received from government sources	1166.5	1254.76				
Total external research and development funding amount received from domestic non-government sources	0	0				
Total external research and development funding amount received from foreign non-government sources	0	0				
Total external research and development funding amount received from other non-government sources	0	0				

Responses could not be scaled. Data presented unscaled



Central Council for Research in Yoga and Naturopathy

Ministry/Department/Organisation:	Ministry of AYUSH					
Location	Delhi				2021-22	2022-23
Year of establishment	1978			Total staff at the Lab		
				Staff engaged in R&D	0	0
Type of R&D performed	Applied R&D			Total Budget of the institution (Rs. Crores)		
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	2	2		Number of international collaborative projects with industry	0	0
Number of projects executed	27	16		Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry	Individuals, NGOs, Industry		Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0		Number of national collaborative projects with industry	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	380	260		Number of national collaborative projects with academic institutions and research labs	6	5
Number of national programs (S&T symposia, conferences) organised by the lab	6	6		Number of national academic collaborations measured by publications	10	13
Number of international programs (S&T symposia, conferences) organised by the lab	0	1		Percentage of permanent scientists and contractual researchers to overall staff	16	13
Increase in number of staff engaged in R&D	1	4		Percentage of overall budget spent on R&D and S&T	82	83
Increase in women staff engaged in R&D	1	2		R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	3	3		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services	3	3		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support	2	2		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship	3	3		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support	0	10		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported				Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	0	0
Number of PhD, Master's, Graduate degrees awarded	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals	14	13		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	3	0		Number of startups and firms lab has opened testing and research facilities to	2	2
Number of citations received by papers published in the preceding three calendar years	642	745		Number of outside researchers and students labs has opened testing and research facilities to	0	0
Percentage of publications in top 10% of journals	28	40		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out	0	0		Percentage of young scientists in scientific staff	0	0
Number of non-worked patents	0	0		Percentage of women scientists in scientific staff	46.1	61.5
Number of national and international policies, regulations, and standards contributed to	3	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally	0	0		Percentage of the total budget spent on training and skill up-gradation	0.07	0.05
Number of new products/services introduced	3	3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Parent ministry and department	100	100
Total external research and development funding amount received from government sources	57.71	43.3		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	2	2
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0

Responses could not be scaled. Data presented unscaled

Rashtriya Ayurveda Vidyapeeth

Ministry/Department/Organisation:	Ministry of AYUSH					
Location	Delhi				2021-22	2022-23
Year of establishment	1988			Total staff at the Lab	2	2
				Staff engaged in R&D	0	0
Type of R&D performed	Basic R&D			Total Budget of the institution (Rs. Crores)	15.02	19.82
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs	0	0		Number of international collaborative projects with industry	0	0
Number of projects executed	0	0		Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments		Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0		Number of national collaborative projects with industry	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	550	550		Number of national collaborative projects with academic institutions and research labs	0	0
Number of national programs (S&T symposia, conferences) organised by the lab	16	16		Number of national academic collaborations measured by publications	0	0
Number of international programs (S&T symposia, conferences) organised by the lab	0	0		Percentage of permanent scientists and contractual researchers to overall staff	0	0
Increase in number of staff engaged in R&D	0	0		Percentage of overall budget spent on R&D and S&T	0	0
Increase in women staff engaged in R&D	0	0		R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Mentorship	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	No	No
Number of spin-out companies generated	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	0	0
Number of PhD, Master's, Graduate degrees awarded	0	0		Does your organisation have necessary ethics guidelines and policies in place?	No	No
Number of interns trained at lab in cutting edge areas	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	No	No
Number of national awards and fellowships	0	0		Does your organisation have a public grievance redressal cell?	No	No
Number of international awards and fellowships	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	0	0		Number of startups and firms lab has opened testing and research facilities to	0	0
Number of citations received by papers published in the preceding three calendar years	0	0		Number of outside researchers and students labs has opened testing and research facilities to	0	0
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out	0	0		Percentage of young scientists in scientific staff	0	0
Number of non-worked patents	0	0		Percentage of women scientists in scientific staff	0	0
Number of national and international policies, regulations, and standards contributed to	0	0		Are the facilities at your organisation differently-abled friendly?	No	No
Number of technologies transferred domestically and internationally	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of new products/services introduced	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Earnings from government sources - training, consultancy, tech transfer fees	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0

Responses could not be scaled. Data presented unscaled



Morarji Desai National Institute of Yoga

Ministry/Department/Organisation:		Ministry of AYUSH					
Location	Delhi						
Year of establishment	1998				Total staff at the Lab	2021-22	2022-23
						10	10
					Staff engaged in R&D	0	0
Type of R&D performed	Basic R&D				Total Budget of the institution (Rs. Crores)	0.1	0.1
Indicator	2021-22	2022-23			Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs	0	0			Number of international collaborative projects with industry	0	0
Number of projects executed	5	5			Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Government Departments, Industry	Individuals, NGOs, Government Departments, Industry			Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	50	60			Number of national collaborative projects with industry	2	2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	5	10			Number of national collaborative projects with academic institutions and research labs	2	2
Number of national programs (S&T symposia, conferences) organised by the lab	10	10			Number of national academic collaborations measured by publications	0	2
Number of international programs (S&T symposia, conferences) organised by the lab	1	1			Percentage of permanent scientists and contractual researchers to overall staff	0	0
Increase in number of staff engaged in R&D	0	0			Percentage of overall budget spent on R&D and S&T	1000000	1000000
Increase in women staff engaged in R&D	0	0			R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	0	0			Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No			Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:					Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training	0	0			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services	0	0			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support	0	0			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship	0	0			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support	0	0			Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported	0	0			Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited	0	0			Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated	0	0			Has your organisation adopted any digital technologies that would enhance R&D activities?	31	44
Number of PhD, Master's, Graduate degrees awarded	31	44			Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0			Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships	0	0			Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships	0	0			Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	0	1			Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	0	0			Number of startups and firms lab has opened testing and research facilities to	0	0
Number of citations received by papers published in the preceding three calendar years	0	0			Number of outside researchers and students labs has opened testing and research facilities to	30	30
Percentage of publications in top 10% of journals	0	0			Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	0	0			Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	0	0			Is your organisation's website differently-abled friendly?	Yes	Yes
Number of patents granted in emerging technologies	0	0			Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out	0	0			Percentage of young scientists in scientific staff	40	40
Number of non-worked patents	0	0			Percentage of women scientists in scientific staff	25	25
Number of national and international policies, regulations, and standards contributed to	0	0			Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally	0	0			Percentage of the total budget spent on training and skill up-gradation	1	1
Number of new products/services introduced	0	0			Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Earnings from government sources - training, consultancy, tech transfer fees	0	0			Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	1.1	1.46			Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0			Parent ministry and department	100	100
Total external research and development funding amount received from government sources	0	0			Capacity Building Commission (CBC)	100	100
Total external research and development funding amount received from domestic non-government sources	0	0			International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0			Others	0	0
Total external research and development funding amount received from other non-government sources	0	0			Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	3	3
					Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	1	1

Responses could not be scaled. Data presented unscaled

National Institute of Homoeopathy

Ministry/Department/Organisation:	Ministry of AYUSH					
Location	West Bengal					
Year of establishment	1975			Total staff at the Lab	2021-22	2022-23
					24	24
				Staff engaged in R&D	0	0
Type of R&D performed	Basic R&D			Total Budget of the institution (Rs. Crores)	110.6	65.92
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs	1	1		Number of international collaborative projects with industry	0	0
Number of projects executed	2	1		Number of international collaborative projects with academic institutions and research labs	0	0
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments		Number of international academic collaborations measured by publications	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0		Number of national collaborative projects with industry	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	0	0		Number of national collaborative projects with academic institutions and research labs	1	1
Number of national programs (S&T symposia, conferences) organised by the lab	0	0		Number of national academic collaborations measured by publications	1	1
Number of international programs (S&T symposia, conferences) organised by the lab	0	0		Percentage of permanent scientists and contractual researchers to overall staff	0	0
Increase in number of staff engaged in R&D	0	0		Percentage of overall budget spent on R&D and S&T	0	0.32
Increase in women staff engaged in R&D	0	0		R&D expenditure on green technologies	0	0
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Training	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Consultancy services	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Research support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Mentorship	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Other forms of support	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Number of deep science and deep tech startups supported	3	3		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of startups incubated at lab successfully exited	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of spin-out companies generated	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	114	111
Number of PhD, Master's, Graduate degrees awarded	114	111		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of interns trained at lab in cutting edge areas	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of national awards and fellowships	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of international awards and fellowships	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals	0	3		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of technology development/ design/ project reports commissioned	0	0		Number of startups and firms lab has opened testing and research facilities to	0	0
Number of citations received by papers published in the preceding three calendar years		74		Number of outside researchers and students labs has opened testing and research facilities to	0	0
Percentage of publications in top 10% of journals	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of IPRs filed	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs granted	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of patents granted in emerging technologies	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs licensed out	0	0		Percentage of young scientists in scientific staff	0	0
Number of non-worked patents	0	0		Percentage of women scientists in scientific staff	0	0
Number of national and international policies, regulations, and standards contributed to	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of technologies transferred domestically and internationally	0	0		Percentage of the total budget spent on training and skill up-gradation		
Number of new products/services introduced	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Earnings from government sources - training, consultancy, tech transfer fees	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Parent ministry and department	0	0
Total external research and development funding amount received from government sources	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from domestic non-government sources	0	0		International bodies	0	0
Total external research and development funding amount received from foreign non-government sources	0	0		Others	0	0
Total external research and development funding amount received from other non-government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0
				Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0

Responses could not be scaled. Data presented unscaled



Jawaharlal Nehru Aluminium Research Development and Design Centre

Ministry/Department/Organisation	Ministry of Mines				
Location	Maharashtra				
Year of establishment	1987		Total staff at the Lab	2021-22	2022-23
				51	50
Type of R&D performed	Applied R&D		Staff engaged in R&D	18	16
			Total Budget of the institution (Rs. Crores)	19.21	31.47
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	16.7	25	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)			Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	100 Industry, Government Departments	137.5 Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	27.8	31.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	55.6	75
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	6.2	7.9	Number of national academic collaborations measured by publications (per 100 scientific staff)	55.6	75
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.6	0.6	Percentage of permanent scientists and contractual researchers to overall staff	35.3	32
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1	0.6	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	96.6	96.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	-11.1	0	Does your organisation have procedures in place for sustainable sourcing of materials?	6.7	5.8
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	200	225
Number of publications in quality peer reviewed journals (per 100 scientific staff)	50	44	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	44.4	75
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	22.2	31.3	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	50	62.5	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1	0.3	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	2.9	Percentage of young scientists in scientific staff	41	47
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	2.9	Percentage of women scientists in scientific staff	24	27
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1	1.9	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1	0.6	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	1.3	Parent ministry and department	5	19
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.7	5.1	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.5	0.2	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	33.3	81.3
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	27.8	37.5
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Central Power Research Institute

Ministry/Department/Organisation	Ministry of Power				
Location	Karnataka				
Year of establishment	1960		Total staff at the Lab	2021-22	2022-23
				457	435
Type of R&D performed	Applied R&D		Staff engaged in R&D	153	150
			Total Budget of the institution (Rs. Crores)	447.64	440.28
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	11.1	12	Number of international collaborative projects with industry (per 100 scientific staff)	0.7	0.7
Number of projects executed (per 100 scientific staff)	35.9	28	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
	Industry, Government Departments	Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0.7
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	3.3	2
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	32.7	26
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	32.7	26
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	1.4	Percentage of permanent scientists and contractual researchers to overall staff	33.5	34.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	14.6	8.9
Increase in number of staff engaged in R&D (per 100 scientific staff)	0.7	0	Does your organisation have procedures in place for sustainable sourcing of materials?	0.8	1.2
Increase in women staff engaged in R&D (per 100 scientific staff)	-1.3	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	1.3	3.3	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	1.3	2	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of publications in quality peer reviewed journals (per 100 scientific staff)	10	11	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	10.5	24	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	6	4	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.1	0.3	Percentage of young scientists in scientific staff	9.5	8.9
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.1	0.3	Percentage of women scientists in scientific staff	6.8	7.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0.2	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.7	Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.1	2.9	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Others	1.3	6.7
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.3	4
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2	3.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICFRE-Institute of Wood Science and Technology

Ministry/Department/Organisation:		Ministry of Environment, Forest and Climate Change			
Location	Karnataka			2021-22	2022-23
Year of establishment	1991		Total staff at the Lab	177	249
Type of R&D performed	Applied R&D		Staff engaged in R&D	91	117
			Total Budget of the institution (Rs. Crores)	18.99	27.5
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.5	7.7	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	49.5	40.2	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.1	0
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments			
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	1.1	0.9
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	6.8	Number of national collaborative projects with industry (per 100 scientific staff)	3.3	1.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	10	32.4	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	7.7	5.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	12.1	6.5	Number of national academic collaborations measured by publications (per 100 scientific staff)	7.7	5.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	51.4	47
Increase in number of staff engaged in R&D (per 100 scientific staff)	-22	12	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	21	22
Increase in women staff engaged in R&D (per 100 scientific staff)	-2.2	12	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0.4	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0.4	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	0.5	0.4	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.3	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	39.6	35.9	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	27	25	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	1.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	14.3	6
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	264.8	117.9	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.1	0.4	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	2.6	0.4	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	2.6	0.4	Percentage of young scientists in scientific staff	3.3	4.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0.4	Percentage of women scientists in scientific staff	34.9	33.6
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.5	0.4	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	5.3	4.4	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.3	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.2	Parent ministry and department	100	100
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	9.2	0.2	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.1	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.1	5.1
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	4.3
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated		
			1st Quartile	2nd Quartile	3rd Quartile
			4th Quartile		

Wildlife Institute of India

Ministry/Department/Organisation:

Ministry of Environment, Forest and Climate Change

Location

Uttarakhand

Year of establishment

1982

Type of R&D performed

Applied R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

Indicator

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2021-22

2022-23

Indicator

Number of international collaborative projects with industry (per 100 scientific staff)

2021-22

2022-23

Number of projects executed (per 100 scientific staff)

11.9

10.3

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0.3

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

8.9

4.6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.8

0.6

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

36

-0.1

Percentage of permanent scientists and contractual researchers to overall staff

86.6

87.8

Increase in women staff engaged in R&D (per 100 scientific staff)

22.9

-0.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

38

40

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

10.2

7.3

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of publications in quality peer reviewed journals (per 100 scientific staff)

33

28

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

7.7

6.6

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

558

60.4

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Percentage of publications in top 10% of journals

11.4

4

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

32

66.5

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

87.7

87.4

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

53

49.2

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

5

6

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.6

0.4

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

10

10

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

International bodies

1

3

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.3

0

Others

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central Silk Technological Research Institute

Ministry/Department/Organisation:		Ministry of Textiles				
Location	Karnataka					
Year of establishment	1983			Total staff at the Lab	2021-22 225	2022-23 200
				Staff engaged in R&D	71	68
				Total Budget of the institution (Rs. Crores)	37.38	39.74
Type of R&D performed	Applied R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	7	7.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	31	50		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	2.8	2.9		Number of national collaborative projects with industry (per 100 scientific staff)	2.8	2.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	716.2	621.8		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	11.3	13.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.8	1		Number of national academic collaborations measured by publications (per 100 scientific staff)	11.3	13.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	20.6	20.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	-14.1	-4.4		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	79.9	79.9
Increase in women staff engaged in R&D (per 100 scientific staff)	1.4	-4.4		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	6.4	4.5		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0.3		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	4	2.5		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	2.9	1.5		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0.3	5.8		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.3		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	2.8	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	1.5		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	13	7		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	42.3	55.9
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	1.4	7.4		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	102.8	127.9
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	25.4	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	1.1	0.3		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0.5	0.5		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.3	0.5		Percentage of young scientists in scientific staff	4.8	4.9
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	8.1	8.8
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.8	0.8		Percentage of the total budget spent on training and skill up-gradation	10	10
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.3	1.3		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	2.1	1.5		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.4		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Parent ministry and department	9.5	55.3
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	11.9	13.1
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.6	10.3
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.6	10.3
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
				1st Quartile	2nd Quartile	3rd Quartile
				4th Quartile		

Central Sericultural Research and Training Institute, Pampore

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of Textiles
Jammu and Kashmir
1958

Total staff at the Lab

2021-22

196

2022-23

197

Staff engaged in R&D

22

25

Total Budget of the institution (Rs. Crores)

28.05

27.87

Type of R&D performed

Applied R&D

Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	9.1	8	
Number of projects executed (per 100 scientific staff)	22.7	8	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	13.9	14	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	16	
Increase in women staff engaged in R&D (per 100 scientific staff)	4.5	16	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	13.9	14	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	1.8	0.7	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	5.3	7.2	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	64	48	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	36.4	28	
Percentage of publications in top 10% of journals	25	18	
Number of IPRs filed (per Rs. 10 crore spent)	0	0	
Number of IPRs granted (per Rs. 10 crore spent)	0	0.4	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.4	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.7	0.7	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	4.5	4	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.1	8	
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Percentage of permanent scientists and contractual researchers to overall staff	12.1	13.1	
Percentage of overall budget spent on R&D and S&T	80	45	
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Does your organisation have procedures in place for sustainable sourcing of materials?	No	No	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	No	No	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Percentage of young scientists in scientific staff	71	63.2	
Percentage of women scientists in scientific staff	4.2	5.2	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	11.3	7.4	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	0	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	1	0	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	32	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Indian Jute Industries Research Association

Ministry/Department/Organisation:

Ministry of Textiles

Location

West Bengal

Year of establishment

1937

Type of R&D performed

Applied R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

12

9

Total Budget of the institution (Rs. Crores)

6.51

6.29

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

25

55.6

Number of projects executed (per 100 scientific staff)

50

77.8

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

745

701.1

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

16.7

-11.1

Increase in women staff engaged in R&D (per 100 scientific staff)

8.3

-11.1

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

17

0

Number of technology development/ design project reports commissioned (per 100 scientific staff)

8.3

22.2

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

66.7

0

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

3.1

4.8

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

1.5

1.6

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

4.6

3.2

Number of new products/services introduced (per Rs. 10 crore spent)

4.6

3.2

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.9

1.2

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.8

1.1

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

81.3

80

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

75.5

67.8

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

0

0

Percentage of women scientists in scientific staff

10.2

10.7

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

22.2

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

22.2

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Central Water and Power Research Station

Ministry/Department/Organisation:		Ministry of Jal Shakti DoWR, RD & GR			
Location		Maharashtra		2021-22	2022-23
Year of establishment		1916		732	737
Type of R&D performed		Applied R&D		Total staff at the Lab	
Indicator		2021-22	2022-23	Staff engaged in R&D	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		61.2	54	Total Budget of the institution (Rs. Crores)	134
Number of projects executed (per 100 scientific staff)		80.6	147.3		150
Beneficiaries of organisation's programmes		Industry, Government Departments	Industry, Government Departments		89.45
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		30.6	38		99.56
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		43.2	59.1		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		2	1.3		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)		-11.9	3.3		
Increase in women staff engaged in R&D (per 100 scientific staff)		-3	3.3		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0		
Has your organisation set up a Section 8 company to support startups?		No	No		
Number of startups supported through:					
Training (per Rs. 10 crore spent)		0	0		
Consultancy services (per Rs. 10 crore spent)		0	0		
Research support (per Rs. 10 crore spent)		0	0		
Mentorship (per Rs. 10 crore spent)		0	0		
Other forms of support (per Rs. 10 crore spent)		0	0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		29.9	46		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		3	2		
Number of national awards and fellowships (per 100 scientific staff)		0	0		
Number of international awards and fellowships (per 100 scientific staff)		0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)		1	1		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		72.4	78.7		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		2.2	0.7		
Percentage of publications in top 10% of journals		0	0		
Number of IPRs filed (per Rs. 10 crore spent)		0	0		
Number of IPRs granted (per Rs. 10 crore spent)		0	0		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		
Number of non-worked patents (per Rs. 10 crore spent)		0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0.7	0.6		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		11.4	12.1		
Number of new products/services introduced (per Rs. 10 crore spent)		1.2	1.1		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		2	1.7		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.1	0.3		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		2	1.7		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0.1	0.3		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0		
Indicator		2021-22	2022-23		
Number of international collaborative projects with industry (per 100 scientific staff)		0	0		
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		0	0		
Number of international academic collaborations measured by publications (per 100 scientific staff)		0	0		
Number of national collaborative projects with industry (per 100 scientific staff)		80.6	147.3		
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		0	0		
Number of national academic collaborations measured by publications (per 100 scientific staff)		0	0		
Percentage of permanent scientists and contractual researchers to overall staff		18.3	20.4		
Percentage of overall budget spent on R&D and S&T		6	7.8		
R&D expenditure on green technologies (per Rs. 10 crore spent)		0	0		
Does your organisation have procedures in place for sustainable sourcing of materials?		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - E-Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes	Yes		
Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes	Yes		
Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes	Yes		
Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes	Yes		
Does your organisation have necessary ethics guidelines and policies in place?		Yes	Yes		
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes	Yes		
Does your organisation have a public grievance redressal cell?		Yes	Yes		
Does your organisation have national accreditation/ certification for its lab procedure?		Yes	Yes		
Does your organisation have international accreditation/ certification for its lab procedure?		Yes	Yes		
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		20.1	18		
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)		20.9	19.3		
Are your organisation's R&D facilities available on the I-STEM national portal?		No	No		
Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes	Yes		
Is your organisation's website differently-abled friendly?		No	No		
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		Yes	Yes		
Percentage of young scientists in scientific staff		5.3	11		
Percentage of women scientists in scientific staff		6.2	7.2		
Are the facilities at your organisation differently-abled friendly?		Yes	Yes		
Percentage of the total budget spent on training and skill up-gradation		0	0		
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes	Yes		
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes	Yes		
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by					
Parent ministry and department		0	0		
Capacity Building Commission (CBC)		0	0		
International bodies		0	0		
Others		0	0		
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		22.4	8.7		
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		17.2	10		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Indian Grain Storage Management and Research Institute

Ministry/Department/Organisation:

Ministry of Consumer Affairs, Food and Public Distribution

Location

Uttar Pradesh

Year of establishment

1965

Total staff at the Lab

2021-22

23

2022-23

24

Type of R&D performed

Applied R&D

Staff engaged in R&D

5

6

Total Budget of the institution (Rs. Crores)

3.25

4.13

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

120

116.7

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

720

690.1

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

21.7

25

Increase in women staff engaged in R&D (per 100 scientific staff)

0

0

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

100

100

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

No

No

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

No

No

Number of publications in quality peer reviewed journals (per 100 scientific staff)

0

0

Does your organisation have national accreditation/certification for its lab procedure?

Yes

Yes

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

0

0

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Percentage of publications in top 10% of journals

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

No

No

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Institute of Teaching and Research in Ayurveda

Ministry/Department/Organisation:		Ministry of AYUSH			
Location	Gujarat			2021-22	2022-23
Year of establishment	2020			398	398
			Total staff at the Lab		
			Staff engaged in R&D	80	91
			Total Budget of the institution (Rs. Crores)	27	32
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	175	158.2	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	12.5	17.6	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	2.2
Beneficiaries of organisation's programmes	Individuals	Individuals	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	348.1	125.3	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	4.1	2.5	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.6	Percentage of permanent scientists and contractual researchers to overall staff	17.8	17.5
Increase in number of staff engaged in R&D (per 100 scientific staff)	-2.5	-1.1	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	20.8	13.7
Increase in women staff engaged in R&D (per 100 scientific staff)	1.3	-1.1	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	1.5	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	7.4	6.9	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1.5	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	247.5	212.1	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	156.3	113.2	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	28	32	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	5	0
Number of technology development/ design project reports commissioned (per 100 scientific staff)	2.5	3.3	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	243.8	212.1
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	63.8	42.9	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	47	46.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	56.2	57.1
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1.5	2.2	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	2.7	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.7	Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.6	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.3	13.2
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.5	6.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Soil and Land Use Survey of India

Ministry/Department/Organisation:		Department of Agriculture and Farmers Welfare			
Location	Delhi			2021-22	2022-23
Year of establishment	1958			290	277
		Total staff at the Lab		18	19
		Staff engaged in R&D		26.17	33.56
		Total Budget of the institution (Rs. Crores)			
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	11.1	10.5	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	16.7	10.5	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with industry (per 100 scientific staff)	16.7	10.5
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	16.7	10.5
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	16.7	10.5
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	6	7
Increase in number of staff engaged in R&D (per 100 scientific staff)	138.9	5.3	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	20	20
Increase in women staff engaged in R&D (per 100 scientific staff)	44.4	5.3	Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	5	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	133.3	231.6	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	5.3	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	0	0.6
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	0.6	0.6
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	6.9	3	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.7	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	11	5
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st Quartile 2nd Quartile 3rd Quartile 4th Quartile		Data submitted by the lab could not be validated	

216



Central Soil and Materials Research Station

Ministry/Department/Organisation:		Ministry of Jal Shakti			
Location		Delhi			
Year of establishment		1954		Total staff at the Lab	2021-22 104
				Staff engaged in R&D	2022-23 100
				Total Budget of the institution (Rs. Crores)	58
					63
					27.13
					30.26
Type of R&D performed	Applied R&D				
Indicator	2021-22	2022-23		Indicator	2021-22
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0
Number of projects executed (per 100 scientific staff)	70.7	60.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Beneficiaries of organisation's programmes	Government Departments	Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	36.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	109.8	70.1		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.9	3		Number of national academic collaborations measured by publications (per 100 scientific staff)	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	31
Increase in number of staff engaged in R&D (per 100 scientific staff)	-19	-4.8		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	18.4
Increase in women staff engaged in R&D (per 100 scientific staff)	0	-4.8		Does your organisation have procedures in place for sustainable sourcing of materials?	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	513.8	336.5		Does your organisation have a public grievance redressal cell?	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	9	5		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	513.8
Number of technology development/ design project reports commissioned (per 100 scientific staff)	117.2	154		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No
Percentage of publications in top 10% of journals	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	19
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	10.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	9.6	8.6		Percentage of the total budget spent on training and skill up-gradation	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.5	1.3		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1.6	1.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	1.7
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	48.2
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	20.7
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	10.3
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated	

National Institute of Pharmaceutical Education and Research, Kolkata

Ministry/Department/Organisation:

Location

Year of establishment

Department of Pharmaceuticals

West Bengal

2007

Total staff at the Lab

2021-22

61

2022-23

65

Staff engaged in R&D

16

17

Total Budget of the institution (Rs. Crores)

47.64

50.54

Type of R&D performed

Applied R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

12.5

11.8

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

6.3

5.9

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

29.4

Number of national collaborative projects with industry (per 100 scientific staff)

0

5.9

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

66.6

61.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

48.8

68

Does your organisation have procedures in place for sustainable sourcing of materials?

0.2

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

31.3

29.4

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

61

68

Percentage of women scientists in scientific staff

11.1

14

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.7

0.6

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

79

71

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

75

11.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

87.5

17.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Ayurveda

Ministry/Department/Organisation:

Ministry of AYUSH

Location

Rajasthan

Year of establishment

1982

Type of R&D performed

Basic R&D, Applied R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

138

174

Total Budget of the institution (Rs. Crores)

194.55

184.29

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	18.1	19.5	
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	10.9	14.7	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.4	0.3	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-10.1	21.8	
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.6	21.8	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	123.9	93.1	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	42	28.2	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	9	6	
Number of technology development/ design project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	86.2	96.6	
Percentage of publications in top 10% of journals	0	0	
Number of IPRs filed (per Rs. 10 crore spent)	0	0.1	
Number of IPRs granted (per Rs. 10 crore spent)	0	0	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0.1	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.3	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national collaborative projects with industry (per 100 scientific staff)	6.5	8	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	4.3	3.4	
Number of national academic collaborations measured by publications (per 100 scientific staff)	4.3	3.4	
Percentage of permanent scientists and contractual researchers to overall staff	21.8	24	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	0.5	0.4	
Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Percentage of young scientists in scientific staff	29.1	34.2	
Percentage of women scientists in scientific staff	24.1	24.2	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0	0	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	82.2	
Capacity Building Commission (CBC)	0	0	
International bodies	0	5.2	
Others	0	24.7	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	9.8	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	19.5	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Pharmaceutical Education and Research, Raebareli

Ministry/Department/Organisation:

Location

Year of establishment

Department of Pharmaceuticals

Uttar Pradesh

2008

Total staff at the Lab

2021-22

69

2022-23

98

Staff engaged in R&D

54

82

Total Budget of the institution (Rs. Crores)

46

32.5

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

1.2

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

1.2

Number of projects executed (per 100 scientific staff)

16.7

13.4

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

114.8

36

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

2.6

2.2

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

42.6

12.2

Increase in women staff engaged in R&D (per 100 scientific staff)

18.5

12.2

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0.3

Consultancy services (per Rs. 10 crore spent)

0.4

0.6

Research support (per Rs. 10 crore spent)

0.4

0.6

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

114.8

90.2

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

141

120

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

2655.6

1140.2

Percentage of publications in top 10% of journals

3.6

2.4

Number of IPRs filed (per Rs. 10 crore spent)

0.7

1.8

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.2

0.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

1.2

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

27.8

34.1

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

7.4

6.1

Number of national academic collaborations measured by publications (per 100 scientific staff)

7.4

6.1

Percentage of permanent scientists and contractual researchers to overall staff

85.7

86.3

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

74.1

63.9

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

1.9

1.2

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

5.6

14.6

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

65.5

74.1

Percentage of women scientists in scientific staff

34.5

35.3

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

No

No

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

14.8

26.8

Parent ministry and department

0

21.3

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Pharmaceutical Education and Research, Ahmedabad

Ministry/Department/Organisation:

Location

Year of establishment

Department of Pharmaceuticals

Gujarat

2007

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

151

181

Total Budget of the institution (Rs. Crores)

110

139

Type of R&D performed

Basic R&D, Applied R&D

54

76.1

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.8

5

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0.9

0.7

Number of projects executed (per 100 scientific staff)

5.5

12.9

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

6.5

2.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

3.5

2.4

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.3

Increase in number of staff engaged in R&D (per 100 scientific staff)

0.9

2.2

Increase in women staff engaged in R&D (per 100 scientific staff)

1.8

2.2

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

1.1

0.7

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0.9

0.9

Consultancy services (per Rs. 10 crore spent)

0.4

0

Research support (per Rs. 10 crore spent)

0.4

0.7

Mentorship (per Rs. 10 crore spent)

1.9

2.2

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

1.1

0.7

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

132.7

116.5

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

75

89

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

2137.3

1000.7

Percentage of publications in top 10% of journals

8.8

10.9

Number of IPRs filed (per Rs. 10 crore spent)

0.4

0.7

Number of IPRs granted (per Rs. 10 crore spent)

0

0.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0.2

0.1

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

7.8

5.4

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.2

0.3

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.2

0.3

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

19.1

28.1

Number of national collaborative projects with industry (per 100 scientific staff)

1.8

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

95

96

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

20.5

18.2

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

36.4

30.9

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

72.7

59

Are your organisation's R&D facilities available on the I-STEM national portal?

Yes

Yes

Does your organisation's website follow all security protocols as mandated by the Government of India?

No

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

97

93.9

Percentage of women scientists in scientific staff

40.8

47.4

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

96

48

Parent ministry and department

0

12

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

4.5

10.8

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

3.6

12.9

School For Advanced Research In Petrochemicals

Ministry/Department/Organisation:

Ministry of Chemicals and Fertilizers

Location

Odisha

Year of establishment

2010

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

53

47

Total Budget of the institution (Rs. Crores)

6.5

10

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.9

4.3

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

1.9

4.3

Number of projects executed (per 100 scientific staff)

11.3

21.3

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

76.9

60

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

6.2

11

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1.5

1

Increase in number of staff engaged in R&D (per 100 scientific staff)

39.6

-2.1

Increase in women staff engaged in R&D (per 100 scientific staff)

13.2

-2.1

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

7.7

7

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

32.3

37

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

3.1

4

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

1.5

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

318.9

414.9

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

56.6

106.4

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

87

70

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

4867.9

5780.9

Percentage of publications in top 10% of journals

10

8

Number of IPRs filed (per Rs. 10 crore spent)

4.6

3

Number of IPRs granted (per Rs. 10 crore spent)

1.5

2

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

4.6

2

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

4.6

2

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

10.9

7.7

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

23.2

2.2

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.5

1.5

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

1.8

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

1.9

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

12.8

Number of national collaborative projects with industry (per 100 scientific staff)

5.7

6.4

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

63.9

62.7

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

60

75

Does your organisation have procedures in place for sustainable sourcing of materials?

23.1

20

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

301.9

468.1

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

188.7

308.5

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

62.6

61.4

Percentage of women scientists in scientific staff

22.9

25.3

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

10

15

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

50

100

Parent ministry and department

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

9.4

25.5

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

18.9

21.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Pharmaceutical Education and Research, Hajipur

Ministry/Department/Organisation:

Location

Year of establishment

Department of Pharmaceuticals

Bihar

2007

Total staff at the Lab

2021-22

26

2022-23

33

Staff engaged in R&D

13

17

Total Budget of the institution (Rs. Crores)

41

37

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

15.4

11.8

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

15.4

11.8

Number of projects executed (per 100 scientific staff)

15.4

5.9

Beneficiaries of organisation's programmes

Individuals

Individuals

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

56.6

18.9

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

9.3

8.9

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

38.5

11.8

Increase in women staff engaged in R&D (per 100 scientific staff)

7.7

11.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

400

311.8

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

23.1

23.5

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

438

465

Number of technology development/ design project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

11300

4976.5

Percentage of publications in top 10% of journals

22.2

15.3

Number of IPRs filed (per Rs. 10 crore spent)

1.7

0.5

Number of IPRs granted (per Rs. 10 crore spent)

0.2

0.8

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0.2

0.8

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0.2

0.8

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

107.7

76.5

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

68.4

58.6

Percentage of overall budget spent on R&D and S&T

62.6

71.9

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

23.1

17.6

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

50

34.7

Percentage of women scientists in scientific staff

7.1

8.7

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0.4

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

33.3

Parent ministry and department

0

66.7

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

33.3

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

5.9

Govind Ballabh Pant National Institute of Himalayan Environment

Ministry/Department/Organisation:		Ministry of Environment, Forest and Climate Change			
Location	Uttarakhand			2021-22	2022-23
Year of establishment	1988		Total staff at the Lab	140	140
			Staff engaged in R&D	100	100
Type of R&D performed	Basic R&D, Applied R&D		Total Budget of the institution (Rs. Crores)	24	23.79
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	1	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	3	4	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	2	1
Number of projects executed (per 100 scientific staff)	60	51	Number of international academic collaborations measured by publications (per 100 scientific staff)	18	17
	Individuals, NGOs, Government Departments	Individuals, NGOs, Government Departments			
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	5	8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	815.8	1178.6	Number of national academic collaborations measured by publications (per 100 scientific staff)	5	8
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	6.3	7.6	Percentage of permanent scientists and contractual researchers to overall staff	71.4	71.4
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	12.5	15.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	-53	-1	R&D expenditure on green technologies (per Rs. 10 crore spent)	0.2	0.3
Increase in women staff engaged in R&D (per 100 scientific staff)	-20	-1	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3	9	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	9	25	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	1	Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	86	106	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design project reports commissioned (per 100 scientific staff)	9	19	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	100	395	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	10.5	3.8	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.4	0	Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0.4	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	71.6	71.3
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	31.9	31.3
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	1.7	1.3	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Parent ministry and department	1	1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	3.6	4.4	International bodies	2	2
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Others	7	7
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0.2	0.2	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6	15
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6	22
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated		
			1st Quartile	2nd Quartile	3rd Quartile
			4th Quartile		



ICFRE-Tropical Forest Research Institute

Ministry/Department/Organisation:

Ministry of Environment, Forest and Climate Change

Location

Madhya Pradesh

Year of establishment

1988

Total staff at the Lab

2021-22

131

2022-23

162

Staff engaged in R&D

80

93

Total Budget of the institution (Rs. Crores)

17.66

18.24

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

8.8

8.6

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

83.8

61.3

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

960.4

705.6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1.1

1.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-20

3.2

Increase in women staff engaged in R&D (per 100 scientific staff)

-8.8

3.2

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

1.3

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

21

20

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

351.3

334.4

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

1.1

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

1.1

1.1

Number of new products/services introduced (per Rs. 10 crore spent)

11.9

12.1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

41.3

13.7

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

28.3

2.7

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.8

0.6

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.3

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.3

1.1

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

1.3

1.1

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

33.8

29

Number of national academic collaborations measured by publications (per 100 scientific staff)

33.8

29

Percentage of permanent scientists and contractual researchers to overall staff

63.5

62

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

1.3

1

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

57.5

145.2

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

37

36.2

Percentage of women scientists in scientific staff

17.7

13.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

41.3

23.7

Parent ministry and department

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

10

7.5

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

75

34.4

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

18.8

16.1

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

ICFRE-Rain Forest Research Institute

Ministry/Department/Organisation:

Ministry of Environment, Forest and Climate Change

Location

Assam

Year of establishment

1988

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

87

73

Total Budget of the institution (Rs. Crores)

17.4

17.8

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

47.1

50.7

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

267.6

555.4

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

1.1

0.6

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

21.8

-19.2

Increase in women staff engaged in R&D (per 100 scientific staff)

6.9

-19.2

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

1.4

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

18

12

Number of technology development/ design project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

59.8

142.5

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0.6

Number of IPRs granted (per Rs. 10 crore spent)

0

0.6

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

1.7

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.9

0.7

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

20.7

23.3

Number of national academic collaborations measured by publications (per 100 scientific staff)

20.7

23.3

Percentage of permanent scientists and contractual researchers to overall staff

39.5

35.1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

65

70

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

4.6

13.7

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

90.8

91.8

Percentage of women scientists in scientific staff

34.9

43.8

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

1

2

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

21.8

1.4

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

3.4

5.5

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.1

1.4

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central Muga Eri Research and Training Institute

Ministry/Department/Organisation:

Ministry of Textiles

Location

Assam

Year of establishment

1999

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

38

27

Total Budget of the institution (Rs. Crores)

21.97

24.55

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

23.7

18.5

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

7.9

14.8

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

63.2

85.2

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

7.4

Beneficiaries of organisation's programmes

Individuals, NGOs, Industry, Government Departments

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

23.7

29.6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

819.3

793.1

Number of national academic collaborations measured by publications (per 100 scientific staff)

23.7

29.6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

29.9

26

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Percentage of overall budget spent on R&D and S&T

7.9

10.6

Increase in number of staff engaged in R&D (per 100 scientific staff)

-13.2

-11.1

R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Increase in women staff engaged in R&D (per 100 scientific staff)

-2.6

-11.1

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Number of startups supported through:

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0.5

0.8

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have national accreditation/certification for its lab procedure?

Yes

Yes

Number of international awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of publications in quality peer reviewed journals (per 100 scientific staff)

21

30

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

7.9

11.1

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

63.2

55.6

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

3244.7

6114.8

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Percentage of publications in top 10% of journals

0

0

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of IPRs filed (per Rs. 10 crore spent)

0.5

0

Is your organisation's website differently-abled friendly?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

23.2

20

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

14

13.3

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

1.3

1.8

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Number of new products/services introduced (per Rs. 10 crore spent)

0

2

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

63

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Parent ministry and department

63

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

63

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Others

3.7

50

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

37

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Seribiotech Research Laboratory

Ministry/Department/Organisation:

Ministry of Textiles

Location

Karnataka

Year of establishment

1993

Total staff at the Lab

2021-22
25

2022-23
23

Staff engaged in R&D

18

19

Total Budget of the institution (Rs. Crores)

2.53

2.8

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

5.6

5.3

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

16.7

10.5

Number of projects executed (per 100 scientific staff)

55.6

68.4

Beneficiaries of organisation's programmes

Individuals,
Government
Departments

Individuals,
Government
Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

27.8

31.6

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

39.5

125

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

11.1

0

Increase in women staff engaged in R&D (per 100 scientific staff)

0

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

3.6

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

3.6

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

5.6

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

55.6

68.4

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

39

53

Number of technology development/ design project reports submitted (per 100 scientific staff)

5.6

5.3

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

211.1

215.8

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

4

0

Number of new products/services introduced (per Rs. 10 crore spent)

15.8

10.7

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

2.6

2.3

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

5.6

5.3

Number of international academic collaborations measured by publications (per 100 scientific staff)

16.7

10.5

Number of national collaborative projects with industry (per 100 scientific staff)

5.6

5.3

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

44.4

57.9

Number of national academic collaborations measured by publications (per 100 scientific staff)

44.4

57.9

Percentage of permanent scientists and contractual researchers to overall staff

72

82.6

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

12

27

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

11.1

10.5

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

61.1

205.3

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

66.6

65.2

Percentage of women scientists in scientific staff

47.7

43.4

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

1

1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

61.1

52.6

Parent ministry and department

0

52.6

Capacity Building Commission (CBC)

0

21.1

International bodies

11.1

10.5

Others

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

44.4

42.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

16.7

10.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central sericultural Research and Training Institute, Mysuru

Ministry/Department/Organisation:

Ministry of Textiles

Location

Karnataka

Year of establishment

1961

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

201

196

Total Budget of the institution (Rs. Crores)

79

80

Type of R&D performed

Basic R&D, Applied R&D

65.4

61.33

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

19

15

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

17.7

21.3

Number of projects executed (per 100 scientific staff)

38

37.5

Beneficiaries of organisation's programmes

Individuals, Government Departments

Individuals, Government Departments

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

400.3

368.8

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-49.4

2.5

Increase in women staff engaged in R&D (per 100 scientific staff)

-16.5

2.5

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

9

15

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

19

55

Percentage of publications in top 10% of journals

33.3

25

Number of IPRs filed (per Rs. 10 crore spent)

0

0.3

Number of IPRs granted (per Rs. 10 crore spent)

0.2

0.3

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0.2

0.2

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.5

0.5

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

1.3

5

Number of national academic collaborations measured by publications (per 100 scientific staff)

1.3

5

Percentage of permanent scientists and contractual researchers to overall staff

39.3

44.2

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

4.5

4.1

Does your organisation have procedures in place for sustainable sourcing of materials?

0

0

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

35.5

46.2

Percentage of women scientists in scientific staff

35.4

43.2

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

0

0

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

5.1

7.5

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

5.1

12.5

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

5.1

12.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Silkworm Seed Technology Laboratory

Ministry/Department/Organisation:

Ministry of Textiles

Location

Karnataka

Year of establishment

1989

Total staff at the Lab

2021-22

18

2022-23

15

Staff engaged in R&D

5

4

Total Budget of the institution (Rs. Crores)

0.37

0.37

Type of R&D performed

Basic R&D, Applied R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

20

50

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

25

Number of projects executed (per 100 scientific staff)

20

75

Beneficiaries of organisation's programmes

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

3108.1

4513.5

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-40

-25

Increase in women staff engaged in R&D (per 100 scientific staff)

0

-25

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

0

0

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

25

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

0

0

Percentage of publications in top 10% of journals

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

135.1

135.1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.3

0.6

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.8

5.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

50

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

50

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

50

Percentage of permanent scientists and contractual researchers to overall staff

27.3

23.5

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

7.5

21.9

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

20

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

Yes

Yes

Percentage of young scientists in scientific staff

15.4

22.2

Percentage of women scientists in scientific staff

23.1

22.2

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0

0.5

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

80

50

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

20

25

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

75

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

50

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central Pulp and Paper Research Institute

Ministry/Department/Organisation:

Department for Promotion of Industry and Internal Trade

Location

Uttar Pradesh

Year of establishment

1980

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Total staff at the Lab

2021-22

50

2022-23

37

Staff engaged in R&D

39

30

Total Budget of the institution (Rs. Crores)

1.41

1.26

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

15.4

20

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

3.3

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

6.7

Number of projects executed (per 100 scientific staff)

46.2

60

Beneficiaries of organisation's programmes

Industry, Government Departments

Industry, Government Departments

Number of research staff appointed to government or national committees (per 100 scientific staff)

17.9

23.3

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

127.7

127

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-10.3

-6.7

Increase in women staff engaged in R&D (per 100 scientific staff)

-5.1

-6.7

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

35.5

39.7

Consultancy services (per Rs. 10 crore spent)

35.5

39.7

Research support (per Rs. 10 crore spent)

35.5

39.7

Mentorship (per Rs. 10 crore spent)

35.5

39.7

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

33.3

36.7

Number of trainings imparted by lab (per 100 scientific staff)

28.2

20

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

0

0

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

28.2

36.7

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

5

23

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

66.7

90

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

15.4

100

Percentage of publications in top 10% of journals

0

0

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

21.3

31.7

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

8.1

9

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

11.8

17.3

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

74.7

73.8

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

7.7

10

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

7.7

10

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

10

Percentage of permanent scientists and contractual researchers to overall staff

76.4

78

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

74.9

74

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

No

No

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

54.2

50

Percentage of women scientists in scientific staff

18.8

22.3

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

0.1

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

10.3

13.3

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

5.1

6.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Hydrology

Ministry/Department/Organisation:	Ministry of Jal Shakti DoWR, RD & GR					
Location	Uttarakhand					
Year of establishment	1978			Total staff at the Lab	2021-22	2022-23
					335	348
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			Staff engaged in R&D	128	138
				Total Budget of the institution (Rs. Crores)	2.78	1.98
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	11.7	8.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	17.2	10.1		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.6	2.2
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	6.3	23.9		Number of international academic collaborations measured by publications (per 100 scientific staff)	7	23.9
Number of projects executed (per 100 scientific staff)	36.7	37		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	2.3	1.4
Beneficiaries of organisation's programmes				Number of national academic collaborations measured by publications (per 100 scientific staff)	18	13.8
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	38.2	39.7
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0				
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	2661.9	5353.5		Percentage of overall budget spent on R&D and S&T	88	100
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	122.3	257.6		R&D expenditure on green technologies (per Rs. 10 crore spent)	0	10.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	10.8	10.1		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in number of staff engaged in R&D (per 100 scientific staff)	18	3.6		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)	-8.6	3.6		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	41.4	52.2		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	28.9	38.4		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	20.3	13.8
Number of skill development programmes conducted (per 100 scientific staff)	28.9	38.4		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	20.3	25.4
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	57.8	76.8		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	34	43		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Percentage of young scientists in scientific staff	33	36
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	7164.1	7594.9		Percentage of women scientists in scientific staff	6	10
Percentage of publications in top 10% of journals	26	30		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.1
Number of reports leading to designs and products (per 100 scientific staff)	1.6	1.4		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	3.6	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	5.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	5.1		Others	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.3	2.2
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1.6	0.7
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.1				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	10	10				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				

Select data was used for analysis. Quartiles were not calculated



Central Sericultural Research and Training Institute, Berhampore

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of Textiles
West Bengal
1943

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

35

30

Total Budget of the institution (Rs. Crores)

4.3

9.47

Type of R&D performed

Basic R&D, Applied R&D, Services R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

22.9

23.3

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.9

10

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

88.6

100

Beneficiaries of organisation's programmes

Individuals

Individuals

Number of research staff appointed to government or national committees (per 100 scientific staff)

0

0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

532.6

820.5

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

2.3

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

-17.1

0

Increase in women staff engaged in R&D (per 100 scientific staff)

2.9

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of trainings imparted by lab (per 100 scientific staff)

254.3

430

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

25.7

100

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

14

10

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

31.4

70

Percentage of publications in top 10% of journals

0

0

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

2.3

0

Number of IPRs granted (per Rs. 10 crore spent)

0

1.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

20.9

10.6

Number of new products/services introduced (per Rs. 10 crore spent)

2.3

1.1

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.1

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.2

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

1

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

2.9

3.3

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

2.9

3.3

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

6.7

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

10.5

11

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

32

24.3

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

15.2

21.1

Percentage of women scientists in scientific staff

6.3

8.1

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.4

0.3

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

17.1

30

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.9

10

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Central Council for Research in Ayurvedic Sciences

Ministry/Department/Organisation:	Ministry of AYUSH			2021-22	2022-23
Location	Delhi			1546	1580
Year of establishment	1969			373	388
Type of R&D performed	Basic R&D, Applied R&D, Services R&D			316.98	362.19
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	2.4	2.3	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.9	2.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.3	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.9	2.3	Number of international academic collaborations measured by publications (per 100 scientific staff)	0.5	0
Number of projects executed (per 100 scientific staff)	64.3	59.5	Number of national collaborative projects with industry (per 100 scientific staff)	0	0.3
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	8.6	11.9
Number of research staff appointed to government or national committees (per 100 scientific staff)	7.2	8.8	Number of national academic collaborations measured by publications (per 100 scientific staff)	10.5	12.6
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	59.8	57.9
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	394	176	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	33	57
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.1	0.2	Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	8	8	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	2.1	8	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0.3	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	6.7	18	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	12.9	38.1	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	101.9	28.4	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	9.4	11.3	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	19	21	Percentage of young scientists in scientific staff	30.7	28.8
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	5.9	4.1	Percentage of women scientists in scientific staff	21.1	23.1
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	17.2	20.9	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of publications in top 10% of journals	0	0	Percentage of the total budget spent on training and skill up-gradation	1.8	3.6
Number of national and international recognitions (per 100 scientific staff)	3.2	7.7	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.1	0.1	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Parent ministry and department	23.9	51.8
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0.1	0.1	International bodies	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Others	34	24.2
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	22	25
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.1	0.1	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	7.8	9.8
Number of new products/services introduced (per Rs. 10 crore spent)	0.2	0			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	

Data submitted by the lab could not be validated

Central Council for Research in Siddha

Ministry/Department/Organisation:		Ministry of AYUSH										2021-22		2022-23	
Location		Tamil Nadu										173		172	
Year of establishment		2010										Total staff at the Lab		74	
												Staff engaged in R&D		73	
												Total Budget of the institution (Rs. Crores)		39.06	
Type of R&D performed		Basic R&D, Applied R&D, Services R&D												46.88	
Indicator		2021-22		2022-23						Indicator		2021-22		2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		6.8		4.1						Number of international collaborative projects with industry (per 100 scientific staff)		0		0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		6.8		4.1						Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)		0		0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		6.8		4.1						Number of international academic collaborations measured by publications (per 100 scientific staff)		4.1		5.5	
Number of projects executed (per 100 scientific staff)		54.1		63						Number of national collaborative projects with industry (per 100 scientific staff)		1.4		0	
Beneficiaries of organisation's programmes		Individuals, NGOs, Industry, Government Departments		Individuals, NGOs, Industry, Government Departments						Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)		9.5		6.8	
Number of research staff appointed to government or national committees (per 100 scientific staff)		5.4		9.6						Number of national academic collaborations measured by publications (per 100 scientific staff)		23		12.3	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		27		49.3						Percentage of permanent scientists and contractual researchers to overall staff		43.8		43.2	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		184.8		180.5						Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)		98.9		90.9	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		3.8		4.1						Does your organisation have procedures in place for sustainable sourcing of materials?		Yes		Yes	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0.5		0.4						Does your organisation have procedures in place to safely reclaim waste? - E-Waste		Yes		Yes	
Increase in number of staff engaged in R&D (per 100 scientific staff)		35.1		4.1						Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste		Yes		Yes	
Increase in women staff engaged in R&D (per 100 scientific staff)		17.6		4.1						Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)		Yes		Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		1		0						Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste		Yes		Yes	
Has your organisation set up a Section 8 company to support startups?		No		No						Does your organisation have procedures in place to safely reclaim waste? - Medical Waste		Yes		Yes	
Number of startups supported through:										Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste		Yes		Yes	
Training (per Rs. 10 crore spent)		0		0						Does your organisation have procedures in place to safely reclaim waste? - Solid Waste		Yes		Yes	
Consultancy services (per Rs. 10 crore spent)		0		0						Does your organisation have procedures in place to safely reclaim waste? - Other Waste		Yes		Yes	
Research support (per Rs. 10 crore spent)		1		0						Does your organisation have initiatives in place to promote intra-organisational collaborations?		Yes		Yes	
Mentorship (per Rs. 10 crore spent)		0		0						Has your organisation adopted any digital technologies that would enhance R&D activities?		Yes		Yes	
Other forms of support (per Rs. 10 crore spent)		0		0						Does your organisation have necessary ethics guidelines and policies in place?		Yes		Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0		0						Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?		Yes		Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0		0						Does your organisation have a public grievance redressal cell?		Yes		Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)		0		0						Does your organisation have national accreditation/ certification for its lab procedure?		Yes		Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0		4.1						Does your organisation have international accreditation/ certification for its lab procedure?		No		No	
Number of trainings imparted by lab (per 100 scientific staff)		10.8		16.4						Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)		0		0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0		27.4						Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)		81.1		161.6	
Number of skill development programmes conducted (per 100 scientific staff)		9.5		19.2						Are your organisation's R&D facilities available on the I-STEM national portal?		No		No	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		20.3		13.7						Does your organisation's website follow all security protocols as mandated by the Government of India?		Yes		Yes	
Number of national awards and fellowships (per 100 scientific staff)		1.4		0						Is your organisation's website differently-abled friendly?		Yes		Yes	
Number of international awards and fellowships (per 100 scientific staff)		0		0						Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?		No		No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)		42		23						Percentage of young scientists in scientific staff		21.2		21.6	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		1.4		8.2						Percentage of women scientists in scientific staff		24.9		22	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		359.5		186.3						Are the facilities at your organisation differently-abled friendly?		Yes		Yes	
Percentage of publications in top 10% of journals		0.1		0.1						Percentage of the total budget spent on training and skill up-gradation		1		1.1	
Number of national and international recognitions (per 100 scientific staff)		0		0						Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?		Yes		Yes	
Number of reports leading to designs and products (per 100 scientific staff)		0		0						Do you have a structured career progression plan (career growth through promotion) for your scientific staff?		Yes		Yes	
Number of IPRs filed (per Rs. 10 crore spent)		0		0						Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by					
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0		0						Parent ministry and department		50		48	
Number of IPRs licensed out (per Rs. 10 crore spent)		0		0						Capacity Building Commission (CBC)		27		22	
Number of non-worked patents (per Rs. 10 crore spent)		0		0						International bodies		4		3.7	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		1.8		0.6						Others		59		40.7	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		1.8		1.1						Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		24.3		30.1	
Number of new products/services introduced (per Rs. 10 crore spent)		2.3		2.3						Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)		43.2		31.5	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0.1											
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0											
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0		0											
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0.1		0.1											
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0		0											
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0		0											
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0		0											
Qualitative questions have not been included here and can be found in the questionnaire (A.3)															
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile Data submitted by the lab could not be validated															

ICFRE-Arid Forest Research Institute

Ministry/Department/Organisation: Location		Ministry of Environment, Forest and Climate Change					
Year of establishment		1988		Total staff at the Lab		2021-22	2022-23
Type of R&D performed		Basic R&D, Applied R&D, Services R&D		Staff engaged in R&D		75	52
				Total Budget of the institution (Rs. Crores)		2.27	2.61
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.3	0		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	44	61.5		Number of national collaborative projects with industry (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	32	46.2	
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	64.1	56.5	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	938.3	1287.4		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	12.9	5	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	17.6	3.8		Does your organisation have procedures in place for sustainable sourcing of materials?	440.5	383.1	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Increase in number of staff engaged in R&D (per 100 scientific staff)	-5.3	-5.8		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Increase in women staff engaged in R&D (per 100 scientific staff)	8	-5.8		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Mentorship (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	1.3	3.8		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of trainings imparted by lab (per 100 scientific staff)	1.3	7.7		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	4	5.8		Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of skill development programmes conducted (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	0		Percentage of young scientists in scientific staff	56.4	50	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	3.8		Percentage of women scientists in scientific staff	23.9	23.1	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of publications in top 10% of journals	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	0.2	
Number of national and international recognitions (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	3.8		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Parent ministry and department	89.5	0	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		International bodies	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Others	10.5	100	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	5.3	0	
Number of new products/services introduced (per Rs. 10 crore spent)	4.4	3.8					
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.3	0.2					
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.8	0.7					
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.5	1.3					
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	1.2					
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0					
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0					
Qualitative questions have not been included here and can be found in the questionnaire (A.3)							
		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile		
		Data submitted by the lab could not be validated					



ICFRE-Institute of Forest Genetics and Tree Breeding

Ministry/Department/Organisation:	Ministry of Environment, Forest and Climate Change					
Location	Tamil Nadu				2021-22	2022-23
Year of establishment	1988				215	203
					Total staff at the Lab	
					Staff engaged in R&D	149
					Total Budget of the institution (Rs. Crores)	29.9
Type of R&D performed	Basic R&D, Applied R&D, Services R&D					137
						27.63
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	0.7		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	10.1	6.6		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0.7	0		Number of international academic collaborations measured by publications (per 100 scientific staff)	0.7	0
Number of projects executed (per 100 scientific staff)	8.7	5.8		Number of national collaborative projects with industry (per 100 scientific staff)	0.7	0.7
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0.7	0.7
Beneficiaries of organisation's programmes				Number of national academic collaborations measured by publications (per 100 scientific staff)	1.3	1.5
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	69.3	67.5
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	562.4	1157.7		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	39	36.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	16.7	18.1		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	-2.7	-2.2		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-1.3	-2.2		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	No	No
Research support (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.4	2.9		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of trainings imparted by lab (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	10.7	25.5
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of skill development programmes conducted (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Percentage of young scientists in scientific staff	83.2	82.5
Number of publications in quality peer reviewed journals (per 100 scientific staff)	4	1		Percentage of women scientists in scientific staff	33.6	33.5
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	2.7	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0		Percentage of the total budget spent on training and skill up-gradation	10	10
Percentage of publications in top 10% of journals	0	0		Do you have a structured career progression plan (career growth through promotion) for non-scientific staff?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs filed (per Rs. 10 crore spent)	0.7	0.7		Parent ministry and department	14.8	11
Number of IPRs granted (per Rs. 10 crore spent)	2.3	1.1		Capacity Building Commission (CBC)	0	0
				International bodies	0	0
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Others	0	3.7
Number of IPRs licensed out (per Rs. 10 crore spent)	0.7	1.4		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	17.4	19
Number of non-worked patents (per Rs. 10 crore spent)	0.3	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	9.4	10.2
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0				
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	2	2.5				
Number of new products/services introduced (per Rs. 10 crore spent)	3	1.8				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	2.5	2.1				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated	

Indian Bureau of Mines

Ministry/Department/Organisation:		Ministry of Mines			
Location		Maharashtra		2021-22	
Year of establishment		1960		2022-23	
Type of R&D performed		Applied R&D, Services R&D		Total staff at the Lab	
Indicator		2021-22		2021-22	
2021-22		2022-23		2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		133.3	157.1	80	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)		133.3	157.1	75	
Number of projects executed (per 100 scientific staff)		285.7	266.7	21	
Beneficiaries of organisation's programmes		Industry, Government Departments		110	
Number of research staff appointed to government or national committees (per 100 scientific staff)		0	0	21	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)		4.8	4.8	113	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)		8.8	0		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)		0	0		
Increase in number of staff engaged in R&D (per 100 scientific staff)		-47.6	0		
Increase in women staff engaged in R&D (per 100 scientific staff)		0	0		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)		0	0		
Has your organisation set up a Section 8 company to support startups?		Yes	Yes		
Number of startups supported through:					
Training (per Rs. 10 crore spent)		0	0		
Consultancy services (per Rs. 10 crore spent)		0	0		
Research support (per Rs. 10 crore spent)		0	0		
Mentorship (per Rs. 10 crore spent)		0	0		
Other forms of support (per Rs. 10 crore spent)		0	0		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)		0	0		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)		0	0		
Number of spin-out companies generated (per Rs. 10 crore spent)		0	0		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)		0	0		
Number of trainings imparted by lab (per 100 scientific staff)		4.8	0		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)		0	0		
Number of skill development programmes conducted (per 100 scientific staff)		0	0		
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)		19	#VALUE!		
Number of national awards and fellowships (per 100 scientific staff)		0	0		
Number of international awards and fellowships (per 100 scientific staff)		0	0		
Number of publications in quality peer reviewed journals (per 100 scientific staff)		0	0		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)		290.5	261.9		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)		0	0		
Percentage of publications in top 10% of journals		0	0		
Number of national and international recognitions (per 100 scientific staff)		0	0		
Number of reports leading to designs and products (per 100 scientific staff)		0	0		
Number of IPRs filed (per Rs. 10 crore spent)		0	0		
Number of IPRs granted (per Rs. 10 crore spent)		0	0		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)		0	0		
Number of IPRs licensed out (per Rs. 10 crore spent)		0	0		
Number of non-worked patents (per Rs. 10 crore spent)		0	0		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)		0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)		0	0		
Number of new products/services introduced (per Rs. 10 crore spent)		0	0		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0	0		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.1	0.1		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)		0.1	0.1		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)		0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)		0	0		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile
		Data submitted by the lab could not be validated			



Automotive Research Association of India

Ministry/Department/Organisation:

Ministry of Heavy Industries

Location

Maharashtra

Year of establishment

1966

Total staff at the Lab

2021-22

924

2022-23

878

Staff engaged in R&D

308

322

Total Budget of the institution (Rs. Crores)

403.83

457.88

Type of R&D performed

Applied R&D, Services R&D

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

3.9

2.8

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2.6

1.2

Number of projects executed (per 100 scientific staff)

11.7

15.8

Individuals,
Industry,
Government
Departments

Individuals,
Industry,
Government
Departments

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

2.6

2.8

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

8.8

12.4

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

75.6

97.4

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.1

0.1

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.1

Increase in number of staff engaged in R&D (per 100 scientific staff)

-2.6

2.8

Increase in women staff engaged in R&D (per 100 scientific staff)

-1.6

2.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0.2

Has your organisation set up a Section 8 company to support startups?

No

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0.1

0.4

Mentorship (per Rs. 10 crore spent)

0

0.2

Other forms of support (per Rs. 10 crore spent)

0

0.2

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

54.5

42.9

Number of trainings imparted by lab (per 100 scientific staff)

20.5

19.6

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

3.9

4

Number of skill development programmes conducted (per 100 scientific staff)

0

0

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

16.6

11.2

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

5

6

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

7.5

5.9

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

12

15.2

Percentage of publications in top 10% of journals

0

0

Number of national and international recognitions (per 100 scientific staff)

5.2

2.5

Number of reports leading to designs and products (per 100 scientific staff)

5.8

2.5

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0.2

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0.1

0

Number of new products/services introduced (per Rs. 10 crore spent)

1.3

1.2

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.2

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

9.2

9.2

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0.3

0.5

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.2

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0.6

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.3

0.3

Number of international academic collaborations measured by publications (per 100 scientific staff)

0.3

0.3

Number of national collaborative projects with industry (per 100 scientific staff)

0

0.6

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0.6

0.9

Number of national academic collaborations measured by publications (per 100 scientific staff)

2.6

3.7

Percentage of permanent scientists and contractual researchers to overall staff

29.1

34.5

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

78.6

79.9

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

558.4

589.4

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

5.8

13.4

Are your organisation's R&D facilities available on the I-STBM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

16.6

21.3

Percentage of women scientists in scientific staff

3.7

5.5

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.2

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

1.3

3.1

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0.3

0.3

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Research, Design and Standard Organisation

Ministry/Department/Organisation:	Ministry of Heavy Industries					
Location	Maharashtra					
Year of establishment	1966					
Type of R&D performed	Applied R&D, Services R&D					
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs	0	0	Number of international collaborative projects with industry	0	0	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs	0	0	Number of international collaborative projects with academic institutions and research labs	5	6	
Number of projects executed	0	0	Number of international academic collaborations measured by publications	0	0	
Beneficiaries of organisation's programmes	Government Departments	Government Departments	Number of national collaborative projects with industry	0	1	
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs	5	6	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0	Number of national academic collaborations measured by publications	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	0	0	Percentage of permanent scientists and contractual researchers to overall staff	48	48	
Number of national programs (S&T symposia, conferences) organised by the lab	0	0	Percentage of overall budget spent on R&D and S&T	70	87	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	R&D expenditure on green technologies	0	0	
Increase in number of staff engaged in R&D	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Increase in women staff engaged in R&D	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Number of startups incubated in the premises of the lab	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Training	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Consultancy services	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Research support	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Mentorship	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Other forms of support	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of deep science and deep tech startups supported	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of startups incubated at lab successfully exited	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of spin-out companies generated	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of trainings imparted by lab	0	0	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Number of interns trained at lab in cutting edge areas	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of skill development programmes conducted	0	0	Number of startups and firms lab has opened testing and research facilities to	0	0	
Number of scientists or project staff from lab that were deputed to provide training	0	0	Number of outside researchers and students labs has opened testing and research facilities to	0	0	
Number of national awards and fellowships	0	0	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Number of international awards and fellowships	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of publications in quality peer reviewed journals	0	0	Is your organisation's website differently-abled friendly?	Yes	Yes	
Number of technology development/ design/ project reports commissioned	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of citations received by papers published in the preceding three calendar years	0	0	Percentage of young scientists in scientific staff	40	42	
Percentage of publications in top 10% of journals	0	0	Percentage of women scientists in scientific staff	15	15	
Number of national and international recognitions	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of reports leading to designs and products	0	0	Percentage of the total budget spent on training and skill up-gradation	2	2	
Number of IPRs filed	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of IPRs granted	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Number of patents granted in emerging technologies	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Number of IPRs licensed out	0	0	Parent ministry and department	10	10	
Number of non-worked patents	0	0	Capacity Building Commission (CBC)	5	5	
Number of national and international policies, regulations, and standards contributed to	113	113	International bodies	0	0	
Number of technologies transferred domestically and internationally	14	24	Others	0	0	
Number of new products/services introduced	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0	
Earnings from government sources - training, consultancy, tech transfer fees	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	1	1				
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0				
Total external research and development funding amount received from government sources	70	86				
Total external research and development funding amount received from domestic non-government sources	0	0				
Total external research and development funding amount received from foreign non-government sources	0	0				
Total external research and development funding amount received from other non-government sources	0	0				

Responses could not be scaled. Data presented unscaled



Central Manufacturing Technology Institute

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of Heavy Industries
Karnataka
1962

Total staff at the Lab
Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

2021-22
161
119
60.89

2022-23
171
130
79.7

Type of R&D performed

Applied R&D, Services R&D

Indicator	2021-22	2022-23	
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	33.6	42.3	
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	31.1	40	
Number of projects executed (per 100 scientific staff)	50.4	26.2	
Beneficiaries of organisation's programmes			
Number of research staff appointed to government or national committees (per 100 scientific staff)	2.5	3.8	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	63.6	77.2	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2	0.9	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	
Increase in number of staff engaged in R&D (per 100 scientific staff)	5.9	3.8	
Increase in women staff engaged in R&D (per 100 scientific staff)	2.5	3.8	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	
Has your organisation set up a Section 8 company to support startups?	No	No	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0.5	0.6	
Mentorship (per Rs. 10 crore spent)	4.9	5	
Other forms of support (per Rs. 10 crore spent)	0.8	1.5	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0.5	0.6	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	4.2	6.9	
Number of trainings imparted by lab (per 100 scientific staff)	231.1	316.2	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	79	135.4	
Number of skill development programmes conducted (per 100 scientific staff)	0	0	
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	33.6	34.6	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	3	5	
Number of technology development/ design project reports commissioned (per 100 scientific staff)	2.5	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0	
Percentage of publications in top 10% of journals	0	0	
Number of national and international recognitions (per 100 scientific staff)	0.8	1.5	
Number of reports leading to designs and products (per 100 scientific staff)	6.7	9.2	
Number of IPRs filed (per Rs. 10 crore spent)	0.8	0.6	
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.5	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.2	0.3	
Number of IPRs licensed out (per Rs. 10 crore spent)	0.3	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.2	0	
Number of new products/services introduced (per Rs. 10 crore spent)	10.3	8.7	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1.1	0.8	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.1	0.5	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0.4	0.3	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national collaborative projects with industry (per 100 scientific staff)	5	13.1	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	1.7	5.4	
Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Percentage of permanent scientists and contractual researchers to overall staff	36.5	36.5	
Percentage of overall budget spent on R&D and S&T	2	13.1	
R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	59.7	45.4	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	4.2	6.9	
Are your organisation's R&D facilities available on the I-STBM national portal?	Yes	Yes	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Percentage of young scientists in scientific staff	79.8	83.6	
Percentage of women scientists in scientific staff	28.6	31.9	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0.5	0.4	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	0	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	0	0	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.5	7.7	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	3.4	3.8	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICFRE-Institute of Forest Biodiversity

Ministry/Department/Organisation:

Ministry of Environment, Forest and Climate Change

Location

Telangana

Year of establishment

1997

Total staff at the Lab

2021-22

75

2022-23

71

Staff engaged in R&D

40

34

Total Budget of the institution (Rs. Crores)

6.85

6.86

Type of R&D performed

Applied R&D, Services R&D

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

60

64.7

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

0

0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

32.5

-8.8

Increase in women staff engaged in R&D (per 100 scientific staff)

17.5

-8.8

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

0

0

Number of trainings imparted by lab (per 100 scientific staff)

22.5

23.5

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

0

0

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

20

23.5

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

10

29

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

0

0

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

2.5

61.8

Percentage of publications in top 10% of journals

0

0

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

2.9

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



ICFRE-Himalayan Forest Research Institute

Ministry/Department/Organisation:		Ministry of Environment, Forest and Climate Change			
Location	Himachal Pradesh			2021-22	2022-23
Year of establishment	1998		Total staff at the Lab	126	121
			Staff engaged in R&D	96	91
			Total Budget of the institution (Rs. Crores)	14.29	15.1
Type of R&D performed	Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	41.7	42.9	Number of international academic collaborations measured by publications (per 100 scientific staff)	2.1	1.1
	Individuals, NGOs, Government Departments	Individuals, NGOs, Government Departments			
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	24	26.4
Number of research staff appointed to government or national committees (per 100 scientific staff)	1	1.1	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	24	26.4
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	16.7	8.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	941.9	1089.4	Percentage of permanent scientists and contractual researchers to overall staff	76.2	75.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	1.3	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	28	29.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	30.2	-3.3	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	10.4	-3.3	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.1	3.3	Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	17.7	16.5	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	7.3	8.8	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	6.3	14.3
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	12.5	13.2	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Is your organisation's website differently-abled friendly?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	23	16	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	16.7	8.8	Percentage of young scientists in scientific staff	71.9	70.7
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	990.6	1105.5	Percentage of women scientists in scientific staff	30.6	29.3
Percentage of publications in top 10% of journals	0	0	Are the facilities at your organisation differently-abled friendly?	No	No
Number of national and international recognitions (per 100 scientific staff)	3.1	1.1	Percentage of the total budget spent on training and skill up-gradation	0.1	0.1
Number of reports leading to designs and products (per 100 scientific staff)	0	1.1	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Parent ministry and department	14.3	4
			Capacity Building Commission (CBC)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Others	8.3	6.7
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	1	14.3
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.2	9.9
Number of new products/services introduced (per Rs. 10 crore spent)	0	0			
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.9	0.5			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	Data submitted by the lab could not be validated

National Council for Cement and Building Materials

Ministry/Department/Organisation:	Department for Promotion of Industry and Internal Trade				2021-22	2022-23
Location	Haryana				209	175
Year of establishment	1962				71	65
				Total staff at the Lab	58.3	52
				Staff engaged in R&D		
				Total Budget of the institution (Rs. Crores)		
Type of R&D performed	Applied R&D, Services R&D				2021-22	2022-23
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.6	18.5		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	5.6	18.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	400	403.1		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	57.7	53.8		Number of national academic collaborations measured by publications (per 100 scientific staff)	4.2	7.7
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	34	37.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	177.2	125.8		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	90.8	81.2
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	1.2		Does your organisation have procedures in place for sustainable sourcing of materials?	6.4	12
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.2		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in number of staff engaged in R&D (per 100 scientific staff)	2.8	-1.5		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Increase in women staff engaged in R&D (per 100 scientific staff)	1.4	-1.5		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Research support (per Rs. 10 crore spent)	0.2	0.2		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	46.5	47.7		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	2.8	4.6		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of skill development programmes conducted (per 100 scientific staff)	1.4	0		Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	66.2	63.1		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	18	22		Percentage of young scientists in scientific staff	35.7	33.3
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	35.2	61.5		Percentage of women scientists in scientific staff	5.5	4.9
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	77.5	204.6		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Percentage of publications in top 10% of journals	0	7.1		Percentage of the total budget spent on training and skill up-gradation	0	0.2
Number of national and international recognitions (per 100 scientific staff)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	8.5	26.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.2	0.4		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of IPRs granted (per Rs. 10 crore spent)	0	0.6		Parent ministry and department	4.2	4.6
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0.6		Capacity Building Commission (CBC)	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		International bodies	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Others	0	1.5
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	1	1.3		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4.2	47.7
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	7.7
Number of new products/services introduced (per Rs. 10 crore spent)	1.2	0.6				
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1	1.1				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2.1	3.4				
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.3				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.3	1.8				
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)						
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile						
Data submitted by the lab could not be validated						



ICFRE-Institute of Forest Productivity

Ministry/Department/Organisation:		Ministry of Environment, Forest and Climate Change			
Location	Jharkhand			2021-22	2022-23
Year of establishment	1992		Total staff at the Lab	146	175
			Staff engaged in R&D	75	104
			Total Budget of the institution (Rs. Crores)	10.81	10.23
Type of R&D performed	Applied R&D, Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 5 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	0	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	1.3	0	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	50.7	36.5	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments			
Beneficiaries of organisation's programmes			Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	675.3	1875.9	Percentage of permanent scientists and contractual researchers to overall staff	51.4	64.6
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.9	2	Percentage of overall budget spent on R&D and S&T	69.9	81.4
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.9	0	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	14.7	2.9	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	2.7	2.9	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	1	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	28	66.3	Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of skill development programmes conducted (per 100 scientific staff)	28	66.3	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	12	8.7	Number of outside researchers and students lab has opened testing and research facilities to (per 100 scientific staff)	29.3	48.1
Number of national awards and fellowships (per 100 scientific staff)	0	0	Are your organisation's R&D facilities available on the I-STBM national portal?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of publications in quality peer reviewed journals (per 100 scientific staff)	11	13	Is your organisation's website differently-abled friendly?	No	No
Number of technology development/ design project reports commissioned (per 100 scientific staff)	13.3	1	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	88	61.5	Percentage of young scientists in scientific staff	90.7	93.3
Percentage of publications in top 10% of journals	12.5	14.3	Percentage of women scientists in scientific staff	28.6	48.5
Number of national and international recognitions (per 100 scientific staff)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.2	0.6
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	4.9	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
			Parent ministry and department	77	66
Number of IPRs licensed out (per Rs. 10 crore spent)	4.6	4.9	Capacity Building Commission (CBC)	0	66
Number of non-worked patents (per Rs. 10 crore spent)	0	0	International bodies	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	Others	10	6
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	1	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	4	1.9
Number of new products/services introduced (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.7	1.9
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.1			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.5			
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	1.3	0.4			
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	2.4	0.5			
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)					
1st Quartile 2nd Quartile 3rd Quartile 4th Quartile					
Data submitted by the lab could not be validated					

Fluid Control Research Institute

Ministry/Department/Organisation:		Ministry of Heavy Industries			
Location	Kerala			2021-22	2022-23
Year of establishment	1989			44	38
Type of R&D performed	Services R&D			20	16
				1.76	13.47
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	Number of international collaborative projects with industry (per 100 scientific staff)	10	31.3
Number of projects executed (per 100 scientific staff)	30	31.3	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes			Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	30	37.5	Number of national collaborative projects with industry (per 100 scientific staff)	30	18.8
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	10	18.8
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	823.9	97.3	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	6.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of permanent scientists and contractual researchers to overall staff	45	47
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	-10	0	R&D expenditure on green technologies (per Rs. 10 crore spent)	0	0.1
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	5.7	1.5	Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	17	2.2	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	No	No
Number of trainings imparted by lab (per 100 scientific staff)	75	68.8	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	5	18.8	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	50	62.5	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	4705	6293.8
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	6	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	100	3781.3
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	215	262.5	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national and international recognitions (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	475	418.8	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	0	Percentage of young scientists in scientific staff	4	2
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Percentage of women scientists in scientific staff	9	11
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0.1
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	5.7	0.7	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	11.4	1.5	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	17.7	2.6	Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	69.5	9.5	Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0	International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		Data submitted by the lab could not be validated			
		1st	Quartile	2nd	Quartile
		3rd	Quartile	4th	Quartile



Institute For Design of Electrical Measuring Instruments

Ministry/Department/Organisation:	Ministry of Micro, Small and Medium Enterprises					
Location	Maharashtra				2021-22	2022-23
Year of establishment	1969			Total staff at the Lab	55	53
Type of R&D performed	Services R&D			Staff engaged in R&D	9	8
				Total Budget of the institution (Rs. Crores)	0	0
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs	1	2		Number of international collaborative projects with industry	0	0
Number of projects executed	1	2		Number of international collaborative projects with academic institutions and research labs	0	0
	Industry, Government Departments	Industry, Government Departments		Number of international academic collaborations measured by publications	0	0
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry	0	0
Number of research staff appointed to government or national committees	0	0		Number of national collaborative projects with academic institutions and research labs	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T	0	0		Number of national academic collaborations measured by publications	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab	7922	7726		Percentage of permanent scientists and contractual researchers to overall staff	6.6	5.9
Number of national programs (S&T symposia, conferences) organised by the lab	0	0		Percentage of overall budget spent on R&D and S&T	0	0
Number of international programs (S&T symposia, conferences) organised by the lab	0	0		R&D expenditure on green technologies	0	0
Increase in number of staff engaged in R&D	-1	-1		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Increase in women staff engaged in R&D	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training	60	150		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services	15	30		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support	4	10		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Mentorship	0	1		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Other forms of support	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of trainings imparted by lab	1	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of skill development programmes conducted	10	18		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training	5	5		Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships	0	0		Number of startups and firms lab has opened testing and research facilities to	8	5
Number of international awards and fellowships	0	0		Number of outside researchers and students labs has opened testing and research facilities to	0	0
Number of publications in quality peer reviewed journals	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of technology development/ design/ project reports commissioned	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national and international recognitions	0	1		Is your organisation's website differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs filed	0	0		Percentage of young scientists in scientific staff	44.4	37.5
Number of IPRs granted	0	0		Percentage of women scientists in scientific staff	0	0
Number of patents granted in emerging technologies	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of IPRs licensed out	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of non-worked patents	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally	0	1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of new products/services introduced	1	1		Parent ministry and department	0	0
Earnings from government sources - training, consultancy, tech transfer fees	0.1	0		Capacity Building Commission (CBC)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees	0	0		International bodies	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees	0	0		Others	0	0
Total external research and development funding amount received from government sources	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0
Total external research and development funding amount received from domestic non-government sources	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc	0	0
Total external research and development funding amount received from foreign non-government sources	0	0				
Total external research and development funding amount received from other non-government sources	0	0				

Responses could not be scaled. Data presented unscaled

National Institute of Naturopathy

Ministry/Department/Organisation:

Ministry of AYUSH

Location

Maharashtra

Year of establishment

1984

Type of R&D performed

Services R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

Total Budget of the institution (Rs. Crores)

1

1

67.61

54.44

Indicator

2021-22

2022-23

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

0

0

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

100

100

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

0.3

0.6

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

100

Increase in women staff engaged in R&D (per 100 scientific staff)

0

100

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of trainings imparted by lab (per 100 scientific staff)

0

0

Number of skill development programmes conducted (per 100 scientific staff)

0

0

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

500

500

Number of technology development/ design project reports commissioned (per 100 scientific staff)

0

0

Number of national and international recognitions (per 100 scientific staff)

0

0

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Percentage of permanent scientists and contractual researchers to overall staff

1

1

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

No

No

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

No

No

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

No

No

Does your organisation have international accreditation/ certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

100

100

Percentage of women scientists in scientific staff

0

0

Are the facilities at your organisation differently-abled friendly?

No

No

Percentage of the total budget spent on training and skill up-gradation

5

5

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

No

No

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

No

No

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

100

100

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



All India Institute of Ayurveda

Ministry/Department/Organisation:

Ministry of AYUSH

Location

Delhi

Year of establishment

2017

Type of R&D performed

Services R&D

Total staff at the Lab

2021-22
72

2022-23
115

Staff engaged in R&D

48

68

Total Budget of the institution (Rs. Crores)

342.87

231.06

Indicator

2021-22

2022-23

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

27.1

19.1

Indicator

2021-22

2022-23

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

4.2

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

12.5

16.2

Percentage of permanent scientists and contractual researchers to overall staff

59.3

59.6

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

24.7

23.6

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

No

No

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/certification for its lab procedure?

No

No

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

Yes

Yes

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

18.8

9.6

Percentage of women scientists in scientific staff

25.6

20.2

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

0.3

0.1

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

1

2

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

2.1

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Indian Rubber Materials Research Institute

Ministry/Department/Organisation:		Department for Promotion of Industry and Internal Trade			
Location	Maharashtra			2021-22	2022-23
Year of establishment	1958		Total staff at the Lab	30	32
			Staff engaged in R&D	11	12
			Total Budget of the institution (Rs. Crores)	17.5	25.88
Type of R&D performed	Services R&D				
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	9.1	8.3	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	318.2	716.7	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	145.5	16.7
Beneficiaries of organisation's programmes		Individuals, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	27.3	41.7
Number of research staff appointed to government or national committees (per 100 scientific staff)	45.5	50	Number of national collaborative projects with industry (per 100 scientific staff)	27.3	33.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	9.1	16.7
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	1.7	1.5	Number of national academic collaborations measured by publications (per 100 scientific staff)	81.8	41.7
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.6	1.2	Percentage of permanent scientists and contractual researchers to overall staff	17	16
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.4	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	33.6	50.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	8.3	Does your organisation have procedures in place for sustainable sourcing of materials?	0.7	0.4
Increase in women staff engaged in R&D (per 100 scientific staff)	0	8.3	Does your organisation have procedures in place for safely reclaim waste? - E-Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Training (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	81.8	91.7	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	18.2	16.7	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	72.7	50	Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	8000	8041.7
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	108.3
Number of publications in quality peer reviewed journals (per 100 scientific staff)	118	33	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of national and international recognitions (per 100 scientific staff)	36.4	25	Is your organisation's website differently-abled friendly?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0.6	0.8	Percentage of young scientists in scientific staff	8	8
Number of IPRs granted (per Rs. 10 crore spent)	0.6	0.8	Percentage of women scientists in scientific staff	6.7	8.1
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0.6	0.8	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0.1	0.2
Number of non-worked patents (per Rs. 10 crore spent)	0.6	0.4	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	4.6	2.3	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.6	0	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of new products/services introduced (per Rs. 10 crore spent)	1.1	0.8	Parent ministry and department	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	3.8	5.1	Capacity Building Commission (CBC)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	4.5	4	International bodies	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	1	0.3	Others	0	1
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	45.5	41.7
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	1	1	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	9.1	33.3
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0.3			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)			Data submitted by the lab could not be validated		
	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	



Pharmacopoeia Commission for Indian Medicine and Homoeopathy

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of AYUSH
Uttar Pradesh
2020

Type of R&D performed

Services R&D

Total staff at the Lab

2021-22

2022-23

Staff engaged in R&D

14

24

Total Budget of the institution (Rs. Crores)

13.23

13.62

Indicator

2021-22

2022-23

Indicator

2021-22

2022-23

Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

50

12.5

Number of international collaborative projects with industry (per 100 scientific staff)
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of projects executed (per 100 scientific staff)

14.3

8.3

0

0

Beneficiaries of organisation's programmes

Number of research staff appointed to government or national committees (per 100 scientific staff)

7.1

4.2

Number of international academic collaborations measured by publications (per 100 scientific staff)
Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

40.8

64.6

Number of national academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0.7

Percentage of permanent scientists and contractual researchers to overall staff

14

15.5

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

61

65

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

75

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Increase in women staff engaged in R&D (per 100 scientific staff)

-7.1

75

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Has your organisation set up a Section 8 company to support startups?

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Consultancy services (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Research support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Mentorship (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Other forms of support (per Rs. 10 crore spent)

0

0

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Number of trainings imparted by lab (per 100 scientific staff)

14.3

8.3

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Number of skill development programmes conducted (per 100 scientific staff)

14.3

8.3

Does your organisation have a public grievance redressal cell?

Yes

Yes

Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)

71.4

41.7

Does your organisation have national accreditation/certification for its lab procedure?

No

Yes

Number of national awards and fellowships (per 100 scientific staff)

0

0

Does your organisation have international accreditation/certification for its lab procedure?

No

No

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

8.3

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

42.9

25

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Number of national and international recognitions (per 100 scientific staff)

0

4.2

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Number of reports leading to designs and products (per 100 scientific staff)

0

0

Is your organisation's website differently-abled friendly?

Yes

Yes

Number of IPRs filed (per Rs. 10 crore spent)

0

0

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Percentage of young scientists in scientific staff

49.4

57.7

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Percentage of women scientists in scientific staff

35.4

37.3

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Percentage of the total budget spent on training and skill up-gradation

2.5

2.5

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

42.3

95.4

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

No

No

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

No

No

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Parent ministry and department

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Capacity Building Commission (CBC)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

International bodies

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

2.6

0

Others

0

33

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

20.8

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

0

12.5

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

Central Coir Research Institute

Ministry/Department/Organisation:		Ministry of Micro, Small and Medium Enterprises			
Location	Kerala			2021-22	2022-23
Year of establishment	1959			41	40
Type of R&D performed	Services R&D			8	8
Indicator	2021-22	2022-23	Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	200	187.5	Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	187.5	150	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments	Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	37.5	37.5	Number of national collaborative projects with industry (per 100 scientific staff)	12.5	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	125	100
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	57.5	159.8	Number of national academic collaborations measured by publications (per 100 scientific staff)	0	25
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.7	2.2	Percentage of permanent scientists and contractual researchers to overall staff	19.5	20
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0	Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	100	100
Increase in number of staff engaged in R&D (per 100 scientific staff)	-25	-12.5	Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	-12.5	-12.5	Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	2.2	Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No	Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Number of startups supported through:			Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Training (per Rs. 10 crore spent)	11.8	15.1	Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	2.2	Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0	Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0	Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0	Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	2.2	Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	11.8	15.1	Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	0	0	Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	0	0	Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	0	0	Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0	Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	625	712.5
Number of international awards and fellowships (per 100 scientific staff)	0	0	Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	37.5	62.5
Number of publications in quality peer reviewed journals (per 100 scientific staff)	13	38	Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	25	12.5	Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of national and international recognitions (per 100 scientific staff)	0	12.5	Is your organisation's website differently-abled friendly?	No	No
Number of reports leading to designs and products (per 100 scientific staff)	37.5	12.5	Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	2.2	Percentage of young scientists in scientific staff	20.6	18.2
Number of IPRs granted (per Rs. 10 crore spent)	1.7	2.2	Percentage of women scientists in scientific staff	11.7	9.1
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	Percentage of the total budget spent on training and skill up-gradation	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0	Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	3.4	2.2	Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	13.5	13	Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of new products/services introduced (per Rs. 10 crore spent)	30.5	28.1	Parent ministry and department	0	0
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Capacity Building Commission (CBC)	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.6	0.8	International bodies	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	Others	50	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0	Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	12.5	12.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0			
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0			
Qualitative questions have not been included here and can be found in the questionnaire (A.3)	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile	

Data submitted by the lab could not be validated



Wool Research Association

Ministry/Department/Organisation:		Ministry of Textiles				
Location		Maharashtra				
Year of establishment		1963		Total staff at the Lab	2021-22	2022-23
					30	31
Type of R&D performed		Services R&D		Staff engaged in R&D	6	7
				Total Budget of the institution (Rs. Crores)	6.12	7.31
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	33.3	71.4		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	66.7	114.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of research staff appointed to government or national committees (per 100 scientific staff)	16.7	14.3		Number of national collaborative projects with industry (per 100 scientific staff)	66.7	114.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	571.9	643		Number of national academic collaborations measured by publications (per 100 scientific staff)	16.7	14.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	3.3	4.1		Percentage of permanent scientists and contractual researchers to overall staff	13.3	15.2
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T	30	40
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	14.3		R&D expenditure on green technologies (per Rs. 10 crore spent)	19.6	20.5
Increase in women staff engaged in R&D (per 100 scientific staff)	0	14.3		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	Yes	Yes		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	4.9	6.8		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	6.5	6.8		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	31	28.7		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	1.6	2.7		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	4.9	5.5		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	1.6	1.4		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of trainings imparted by lab (per 100 scientific staff)	83.3	114.3		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of skill development programmes conducted (per 100 scientific staff)	133.3	185.7		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of scientists or project staff from lab that were deputed to provide training (per 100 scientific staff)	100	71.4		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	200	171.4
Number of publications in quality peer reviewed journals (per 100 scientific staff)	17	14		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	216.7	185.7
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of national and international recognitions (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of reports leading to designs and products (per 100 scientific staff)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	2.7		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes
Number of IPRs granted (per Rs. 10 crore spent)	0	1.4		Percentage of young scientists in scientific staff	50	68.6
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	50	32.7
Number of IPRs licensed out (per Rs. 10 crore spent)	0	1.4		Are the facilities at your organisation differently-abled friendly?	No	No
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	2	3
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	1.6	4.1		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	9.8	5.5		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	2	2.3		Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	4.2	4.4		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.4		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.3	4.4		Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	33.3	28.6
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	50	42.9
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
				1st	Quartile	2nd
				Quartile	3rd	Quartile
				4th	Quartile	



Central Tasar Research and Training Institute

Ministry/Department/Organisation:
Location
Year of establishment

Ministry of Textiles

Jharkhand

1964

Total staff at the Lab

2021-22

91

2022-23

77

Staff engaged in R&D

26

23

Total Budget of the institution (Rs. Crores)

16.43

4.88

Type of R&D performed

Basic R&D

Indicator

2021-22

2022-23

Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

30.8

21.7

Number of projects executed (per 100 scientific staff)

23.1

8.7

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

0

0

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

936.7

3217.2

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.6

2

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0

0

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

0

Increase in women staff engaged in R&D (per 100 scientific staff)

0

0

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0

0

Research support (per Rs. 10 crore spent)

0

0

Mentorship (per Rs. 10 crore spent)

0

0

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

61.5

65.2

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

0

0

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

31

83

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

34.6

43.5

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

173.1

260.9

Percentage of publications in top 10% of journals

38.7

36

Number of IPRs filed (per Rs. 10 crore spent)

0

10.2

Number of IPRs granted (per Rs. 10 crore spent)

0

4.1

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

16.4

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

16.4

Number of new products/services introduced (per Rs. 10 crore spent)

0.6

2

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0.1

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

1

0

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

0

0

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

11.5

0

Number of national academic collaborations measured by publications (per 100 scientific staff)

11.5

0

Percentage of permanent scientists and contractual researchers to overall staff

44.4

50

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

36.5

28.7

Does your organisation have procedures in place for sustainable sourcing of materials?

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

3.8

4.3

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

46.1

51.8

Percentage of women scientists in scientific staff

18.2

30.2

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

1.5

1.8

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

0

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

19.2

21.7

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

7.7

8.7

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central Sericulutral Germplasm Resources Centre

Ministry/Department/Organisation:		Ministry of Textiles				
Location	Tamil Nadu					
Year of establishment	1990			Total staff at the Lab	2021-22 26	2022-23 24
				Staff engaged in R&D	13	14
Type of R&D performed	Basic R&D			Total Budget of the institution (Rs. Crores)	3.58	0.12
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	46.2	50		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Government Departments	Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	93.8	93.3
Increase in number of staff engaged in R&D (per 100 scientific staff)	-15.4	-7.1		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	80	80
Increase in women staff engaged in R&D (per 100 scientific staff)	-7.7	-7.1		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	No	No
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	No	No
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	21		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	78.6		Are your organisation's R&D facilities available on the I-STEM national portal?	0	0
Percentage of publications in top 10% of journals	0	0.2		Does your organisation's website follow all security protocols as mandated by the Government of India?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	41.1	43.8
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	30.9	37.5
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	No	No
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	30.8	28.6
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	30.8	28.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Botanical Survey of India

Ministry/Department/Organisation:

Ministry of Environment, Forest and Climate Change

Location

West Bengal

Year of establishment

1890

Total staff at the Lab

2021-22

534

2022-23

581

Type of R&D performed

Basic R&D

Staff engaged in R&D

126

152

Total Budget of the institution (Rs. Crores)

76.51

86.85

Indicator
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)

2021-22

1.6

2022-23

1.3

Number of projects executed (per 100 scientific staff)

50.8

Individuals,

NGOs,

Government

Departments

13.8

Individuals,

NGOs,

Government

Departments

Beneficiaries of organisation's programmes
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)

61.1

123.7

Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)

225.3

850.7

Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

7.8

3.5

Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)

0.3

0.2

Increase in number of staff engaged in R&D (per 100 scientific staff)

0

6.6

Increase in women staff engaged in R&D (per 100 scientific staff)

0.8

6.6

Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)

0

0

Has your organisation set up a Section 8 company to support startups?

No

No

Number of startups supported through:

Training (per Rs. 10 crore spent)

0

0

Consultancy services (per Rs. 10 crore spent)

0.1

1.5

Research support (per Rs. 10 crore spent)

2.4

2.1

Mentorship (per Rs. 10 crore spent)

1.3

4.4

Other forms of support (per Rs. 10 crore spent)

0

0

Number of deep science and deep tech startups supported (per Rs. 10 crore spent)

0

0

Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)

0

0

Number of spin-out companies generated (per Rs. 10 crore spent)

0

0

Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)

4.8

4.6

Number of interns trained at lab in cutting edge areas (per 100 scientific staff)

19.8

26.3

Number of national awards and fellowships (per 100 scientific staff)

0

0

Number of international awards and fellowships (per 100 scientific staff)

0

0

Number of publications in quality peer reviewed journals (per 100 scientific staff)

93

86

Number of technology development/ design/ project reports commissioned (per 100 scientific staff)

1.6

2

Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)

620.6

486.8

Percentage of publications in top 10% of journals

1.2

1

Number of IPRs filed (per Rs. 10 crore spent)

2.1

3.9

Number of IPRs granted (per Rs. 10 crore spent)

0

0

Number of patents granted in emerging technologies (per Rs. 10 crore spent)

0

0

Number of IPRs licensed out (per Rs. 10 crore spent)

0

0

Number of non-worked patents (per Rs. 10 crore spent)

0

0

Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)

0

0

Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)

0

0

Number of new products/services introduced (per Rs. 10 crore spent)

0

0

Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from government sources (per Rs. 10 crore spent)

0.1

0.1

Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)

0

0.1

Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)

0

0

Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)

0

0

Indicator

2021-22

0

2022-23

0

Number of international collaborative projects with industry (per 100 scientific staff)

0

0

Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)

0

0

Number of international academic collaborations measured by publications (per 100 scientific staff)

7.1

6.6

Number of national collaborative projects with industry (per 100 scientific staff)

0

0

Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)

4.8

1.3

Number of national academic collaborations measured by publications (per 100 scientific staff)

4.8

1.3

Percentage of permanent scientists and contractual researchers to overall staff

23.6

26.2

Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)

65

68

Does your organisation have procedures in place for sustainable sourcing of materials?

No

No

Does your organisation have procedures in place to safely reclaim waste? - E-Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Medical Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste

No

No

Does your organisation have procedures in place to safely reclaim waste? - Solid Waste

Yes

Yes

Does your organisation have procedures in place to safely reclaim waste? - Other Waste

Yes

Yes

Does your organisation have initiatives in place to promote intra-organisational collaborations?

Yes

Yes

Has your organisation adopted any digital technologies that would enhance R&D activities?

Yes

Yes

Does your organisation have necessary ethics guidelines and policies in place?

Yes

Yes

Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

Yes

Yes

Does your organisation have a public grievance redressal cell?

Yes

Yes

Does your organisation have national accreditation/ certification for its lab procedure?

Yes

Yes

Does your organisation have international accreditation/ certification for its lab procedure?

Yes

Yes

Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)

0

0

Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)

0

0

Are your organisation's R&D facilities available on the I-STEM national portal?

No

No

Does your organisation's website follow all security protocols as mandated by the Government of India?

Yes

Yes

Is your organisation's website differently-abled friendly?

No

No

Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

No

No

Percentage of young scientists in scientific staff

66.3

62.6

Percentage of women scientists in scientific staff

28.5

25.6

Are the facilities at your organisation differently-abled friendly?

Yes

Yes

Percentage of the total budget spent on training and skill up-gradation

3.5

3.8

Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

Yes

Yes

Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

Yes

Yes

Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by

Parent ministry and department

0

0

Capacity Building Commission (CBC)

0

0

International bodies

0

0

Others

0

14.9

Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

19.8

21.7

Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)

11.9

14.5

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Sowa Rigpa

Ministry/Department/Organisation:		Ministry of AYUSH								
Location	Ladakh									
Year of establishment	1976					Total staff at the Lab	2021-22 67	2022-23 59		
Type of R&D performed	Basic R&D					Staff engaged in R&D	8	7		
						Total Budget of the institution (Rs. Crores)	12.43	20.46		
Indicator	2021-22	2022-23				Indicator	2021-22	2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0				Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	25	14.3				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0		
	Individuals, NGOs, Industry, Government Departments	Individuals, NGOs, Industry, Government Departments								
Beneficiaries of organisation's programmes						Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0				Number of national collaborative projects with industry (per 100 scientific staff)	12.5	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0				Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	12.5	0		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.5				Number of national academic collaborations measured by publications (per 100 scientific staff)	12.5	0		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0				Percentage of permanent scientists and contractual researchers to overall staff	6	5		
Increase in number of staff engaged in R&D (per 100 scientific staff)	87.5	0				Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	10	10		
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0				Does your organisation have procedures in place for sustainable sourcing of materials?	0	0		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste?	Yes	Yes		
Has your organisation set up a Section 8 company to support startups?	No	No				Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No		
Number of startups supported through:										
Training (per Rs.10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes		
Consultancy services (per Rs. 10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes		
Research support (per Rs.10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes		
Mentorship (per Rs.10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Other forms of support (per Rs.10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0				Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0				Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0				Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0				Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of national awards and fellowships (per 100 scientific staff)	0	0				Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of international awards and fellowships (per 100 scientific staff)	0	0				Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	0	14				Does your organisation have national accreditation/certification for its lab procedure?	No	No		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	14.3				Does your organisation have international accreditation/certification for its lab procedure?	No	No		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	0	0				Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0		
Percentage of publications in top 10% of journals	0	0				Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0		
Number of IPRs filed (per Rs. 10 crore spent)	0	0				Are your organisation's R&D facilities available on the I-STEM national portal?	No	No		
Number of IPRs granted (per Rs. 10 crore spent)	0	0				Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0				Is your organisation's website differently-abled friendly?	No	No		
Number of IPRs licensed out (per Rs.10 crore spent)	0	0				Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes		
Number of non-worked patents (per Rs. 10 crore spent)	0	0				Percentage of young scientists in scientific staff	4	4		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0				Percentage of women scientists in scientific staff	4	4		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0				Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0				Percentage of the total budget spent on training and skill up-gradation	0	0		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0				Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0				Parent ministry and department	0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0				Capacity Building Commission (CBC)	0	0		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				International bodies	0	0		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				Others	0	0		
						Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0		
						Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0		
Qualitative questions have not been included here and can be found in the questionnaire (A.3)		1st	Quartile	2nd	Quartile	3rd	Quartile	4th	Quartile	Data submitted by the lab could not be validated



Central Council for Research in Unani Medicine

Ministry/Department/Organisation:	Ministry of AYUSH					
Location	Delhi					
Year of establishment	1978					
Type of R&D performed	Basic R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	59.3	63.3		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	8.1	15.1
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	44.4	40.4		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	21.1	20.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	2.4	1.5		Number of national academic collaborations measured by publications (per 100 scientific staff)	21.1	20.1
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of permanent scientists and contractual researchers to overall staff	49.6	49.8
Increase in number of staff engaged in R&D (per 100 scientific staff)	17.1	6.5		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	10	10
Increase in women staff engaged in R&D (per 100 scientific staff)	8.1	6.5		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	22.8	19.4		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	90	58		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	1.6	1.4
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	109.8	67.6		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0.4	0.5		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	47.47	53.27
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	28.4	31.5
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.1	0.1		Percentage of the total budget spent on training and skill up-gradation	0.5	0.5
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.2		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Parent ministry and department	58.9	55.8
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0.3		International bodies	0	2
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.5	6.5
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.4	3.6

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



National Institute of Unani Medicine

Ministry/Department/ Organisation:		Karnataka		Ministry of AYUSH			
Location	Year of establishment	2004		Total staff at the Lab	2021-22	2022-23	
Type of R&D performed	Basic R&D			Staff engaged in R&D	42	47	
				Total Budget of the institution (Rs. Crores)	183.22	99.59	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	4.8	4.3		Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	9.5	19.1		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Beneficiaries of organisation's programmes	Individuals, Government Departments	Individuals, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	2.4	14.9	
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	2.1	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	52.7	219		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.3	1.1		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	38	32.4	
Increase in number of staff engaged in R&D (per 100 scientific staff)	21.4	14.9		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	21.7	13.4	
Increase in women staff enaged in R&D (per 100 scientific staff)	7.1	14.9		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No	
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No	
Mentorship (per Rs. 10 crore spent)	0.1	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	166.7	144.7		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	4.3		Does your organisation have a public grievance redressal cell?	Yes	Yes	
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	60	64		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	8.5	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	2990.5	2861.7		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No	
Percentage of publications in top 10% of journals	12	13.3		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No	
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	17.3	18.9	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	33.1	36.4	
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.2	0.6		Percentage of the total budget spent on training and skill up-gradation	0	0.1	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Number of new products/services introduced (per Rs. 10 crore spent)	0.1	0.3		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	14.3	27.7	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commision (CBC)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	9.5	8.5	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	21.4	36.2	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training sabbaticals, etc (per 100 scientific staff)	0	6.4	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training sabbaticals, etc (per 100 scientific staff)	11.9	17	
Qualitative questions have not been included here and can be found in the questionnaire. (A 3)					Data submitted by the lab could not be validated.		
		1st Quartile	2nd Quartile	3rd Quartile	4th Quartile		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

North Eastern Institute of Ayurveda and Folk Medicine Research

Ministry/Department/ Organisation:		Ministry of AYUSH				
Location	Arunachal Pradesh					
Year of establishment	2008		Total staff at the Lab		2021-22 45	2022-23 44
Type of R&D performed	Basic R&D			Staff engaged in R&D	5	4
				Total Budget of the institution (Rs. Crores)	8.84	16.28
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
				Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	20	50		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals	Individuals		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	113.1	61.4		Percentage of permanent scientists and contractual researchers to overall staff	11.1	9.1
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	13	15
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	60	50		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Increase in women staff enaged in R&D (per 100 scientific staff)	20	50		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Training (per Rs.10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Research support (per Rs.10 crore spent)	3.4	1.8		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No
Mentorship (per Rs.10 crore spent)	0	0.6		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Other forms of support (per Rs.10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.6		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	0		Does your organisation have national accreditation/ certification for its lab procedure?	No	No
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have international accreditation/ certification for its lab procedure?	No	No
Number of national awards and fellowships (per 100 scientific staff)	0	0		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of international awards and fellowships (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	20	50
Number of publications in quality peer reviewed journals (per 100 scientific staff)	80	150		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	120	400		Is your organisation's website differently-abled friendly?	Yes	Yes
Percentage of publications in top 10% of journals	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	3	3
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	1	1
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	No	Yes
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0.5
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Parent ministry and department	100	100
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commision (CBC)	100	100
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		International bodies	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0				
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



North Eastern Institute of Ayurveda and Homoeopathy

Ministry/Department/Organisation:		Ministry of AYUSH				
Location	Meghalaya					
Year of establishment	2016			Total staff at the Lab	2021-22 87	2022-23 87
				Staff engaged in R&D	37	37
				Total Budget of the institution (Rs. Crores)	33.49	38.25
Type of R&D performed	Basic R&D					
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	21.6 Individuals, Government Departments	32.4 Individuals, Government Departments		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes				Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	0	0
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	3.1		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.2	3.7		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	0	0
Increase in number of staff engaged in R&D (per 100 scientific staff)	0	0		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	0.1	0
Increase in women staff engaged in R&D (per 100 scientific staff)	0	0		Does your organisation have procedures in place for sustainable sourcing of materials?	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	No	No
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	0	186.5		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	2.7		Does your organisation have national accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	68	108		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	297.3	448.6		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	0	0
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	0	0
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.2	0.3		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Siddha

Ministry/Department/Organisation:		Tamil Nadu		Ministry of AYUSH				
Location		2004		Total staff at the Lab		2021-22	2022-23	
Year of establishment				Staff engaged in R&D		307	318	
Type of R&D performed		Basic R&D		Total Budget of the institution (Rs. Crores)		43	55	
						44.76	59.01	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23		
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0		
Number of projects executed (per 100 scientific staff)	20.9	10.9		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0		
Beneficiaries of organisation's programmes	Individuals	Individuals		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0		
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	2.3	0		
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	14	7.3		
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.2		Number of national academic collaborations measured by publications (per 100 scientific staff)	14	7.3		
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	14	17.3		
Increase in number of staff engaged in R&D (per 100 scientific staff)	14	18.2		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	1.2	0.3		
Increase in women staff engaged in R&D (per 100 scientific staff)	9.3	18.2		Does your organisation have procedures in place for sustainable sourcing of materials?	0	0		
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No		
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No		
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No		
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No		
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes		
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No		
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No		
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	No	No		
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes		
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes		
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes		
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	109.3	94.5		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes		
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes		
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	No	No		
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No		
Number of publications in quality peer reviewed journals (per 100 scientific staff)	9	16		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0		
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	2.3	1.8		
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	11.6	14.5		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No		
Percentage of publications in top 10% of journals	0	0		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes		
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No		
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No		
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	15.9	25		
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	43.1	27.9		
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes		
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0	0		
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes		
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by				
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Parent ministry and department	0	4.7		
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commission (CBC)	0	0		
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.1	0		International bodies	0	0		
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	8.1	16.3		
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	3.6		
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	2.3	9.1		

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



Central Council for Research in Homoeopathy

Ministry/Department/Organisation:		Ministry of AYUSH				
Location	Delhi			2021-22	2022-23	
Year of establishment	1979			Total staff at the Lab	896 1282	
Type of R&D performed	Basic R&D			Staff engaged in R&D	321 358	
				Total Budget of the institution (Rs. Crores)	143.58 143.7	
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0		Number of international collaborative projects with industry (per 100 scientific staff)	0	0
Number of projects executed (per 100 scientific staff)	22.7	23.5		Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0
Beneficiaries of organisation's programmes	Individuals	Individuals		Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with industry (per 100 scientific staff)	1.2	2.2
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	40.3	32.8		Number of national collaborative projects with academic instiutions and research labs (per 100 scientific staff)	0	0
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.7	0.6		Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0		Percentage of permanent scientists and contractual researchers to overall staff	79	82
Increase in number of staff engaged in R&D (per 100 scientific staff)	-7.2	3.4		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	87.8	82.8
Increase in women staff engaged in R&D (per 100 scientific staff)	2.2	3.4		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	3.1	3.6		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of international awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of publications in quality peer reviewed journals (per 100 scientific staff)	36	27		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0.3	0.3		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	15	53.4		Are your organisation's R&D facilities available on the I-STEM national portal?	No	No
Percentage of publications in top 10% of journals	38.7	35		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Number of IPRs filed (per Rs. 10 crore spent)	0	0		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	0	0		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of young scientists in scientific staff	81.3	84
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	58.4	55.9
Number of non-worked patents (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0		Percentage of the total budget spent on training and skill up-gradation	0.2	1.5
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes
Number of new products/services introduced (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Parent ministry and department	32.4	56.1
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0		Capacity Building Commision (CBC)	1.2	0.4
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0	0		International bodies	3.1	6.1
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Others	30.2	26.5
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.2	0.8
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	6.2	0.8

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated

National Institute of Pharmaceutical Education and Research, Hyderabad

Ministry/Department/Organisation:
Location
Year of establishment

Department of Pharmaceuticals
Telangana
2007

Total staff at the Lab

2021-22
89
2022-23
98

Staff engaged in R&D
Total Budget of the institution (Rs. Crores)

26
72.91
31
69.54

Type of R&D performed

Basic R&D

Indicator	2021-22	2022-23	
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	0	0	
Number of projects executed (per 100 scientific staff)	400 Individuals, NGOs, Industry, Government Departments	187.1 Individuals, NGOs, Industry, Government Departments	
Beneficiaries of organisation's programmes			
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0	
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	13.7	17.3	
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	1.4	2.2	
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1	
Increase in number of staff engaged in R&D (per 100 scientific staff)	23.1	6.5	
Increase in women staff engaged in R&D (per 100 scientific staff)	-3.8	6.5	
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	3.5	
Has your organisation set up a Section 8 company to support startups?	Yes	Yes	
Number of startups supported through:			
Training (per Rs. 10 crore spent)	0	0	
Consultancy services (per Rs. 10 crore spent)	0	0	
Research support (per Rs. 10 crore spent)	0	0	
Mentorship (per Rs. 10 crore spent)	0	0	
Other forms of support (per Rs. 10 crore spent)	0	0	
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0.9	
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	2.7	
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0	
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	592.3	590.3	
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0	
Number of national awards and fellowships (per 100 scientific staff)	0	0	
Number of international awards and fellowships (per 100 scientific staff)	0	0	
Number of publications in quality peer reviewed journals (per 100 scientific staff)	627	655	
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0	
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	17773.1	18777.4	
Percentage of publications in top 10% of journals	30	35	
Number of IPRs filed (per Rs. 10 crore spent)	0.4	0.1	
Number of IPRs granted (per Rs. 10 crore spent)	0.3	0.3	
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0	
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0	
Number of non-worked patents (per Rs. 10 crore spent)	0	0	
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0	0	
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0.3	0	
Number of new products/services introduced (per Rs. 10 crore spent)	3.2	2.3	
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.4	0.7	
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.1	
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	0.5	
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0	
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0	

Indicator	2021-22	2022-23	
Number of international collaborative projects with industry (per 100 scientific staff)	0	0	
Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	6.5	
Number of international academic collaborations measured by publications (per 100 scientific staff)	0	0	
Number of national collaborative projects with industry (per 100 scientific staff)	96.2	41.9	
Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	0	0	
Number of national academic collaborations measured by publications (per 100 scientific staff)	0	0	
Percentage of permanent scientists and contractual researchers to overall staff	26	22	
Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	15	24	
Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - E-Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	Yes	Yes	
Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes	
Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes	
Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes	
Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes	
Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes	
Does your organisation have a public grievance redressal cell?	Yes	Yes	
Does your organisation have national accreditation/ certification for its lab procedure?	Yes	Yes	
Does your organisation have international accreditation/ certification for its lab procedure?	Yes	Yes	
Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	0	0	
Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	0	0	
Are your organisation's R&D facilities available on the I-STEM national portal?	Yes	Yes	
Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes	
Is your organisation's website differently-abled friendly?	Yes	Yes	
Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	Yes	Yes	
Percentage of young scientists in scientific staff	81.7	84.4	
Percentage of women scientists in scientific staff	42.1	44.3	
Are the facilities at your organisation differently-abled friendly?	Yes	Yes	
Percentage of the total budget spent on training and skill up-gradation	0	0	
Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	Yes	Yes	
Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	Yes	Yes	
Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by			
Parent ministry and department	0	0	
Capacity Building Commission (CBC)	0	0	
International bodies	0	0	
Others	0	0	
Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	
Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0	

Qualitative questions have not been included here and can be found in the questionnaire (A.3)

1st Quartile 2nd Quartile 3rd Quartile 4th Quartile

Data submitted by the lab could not be validated



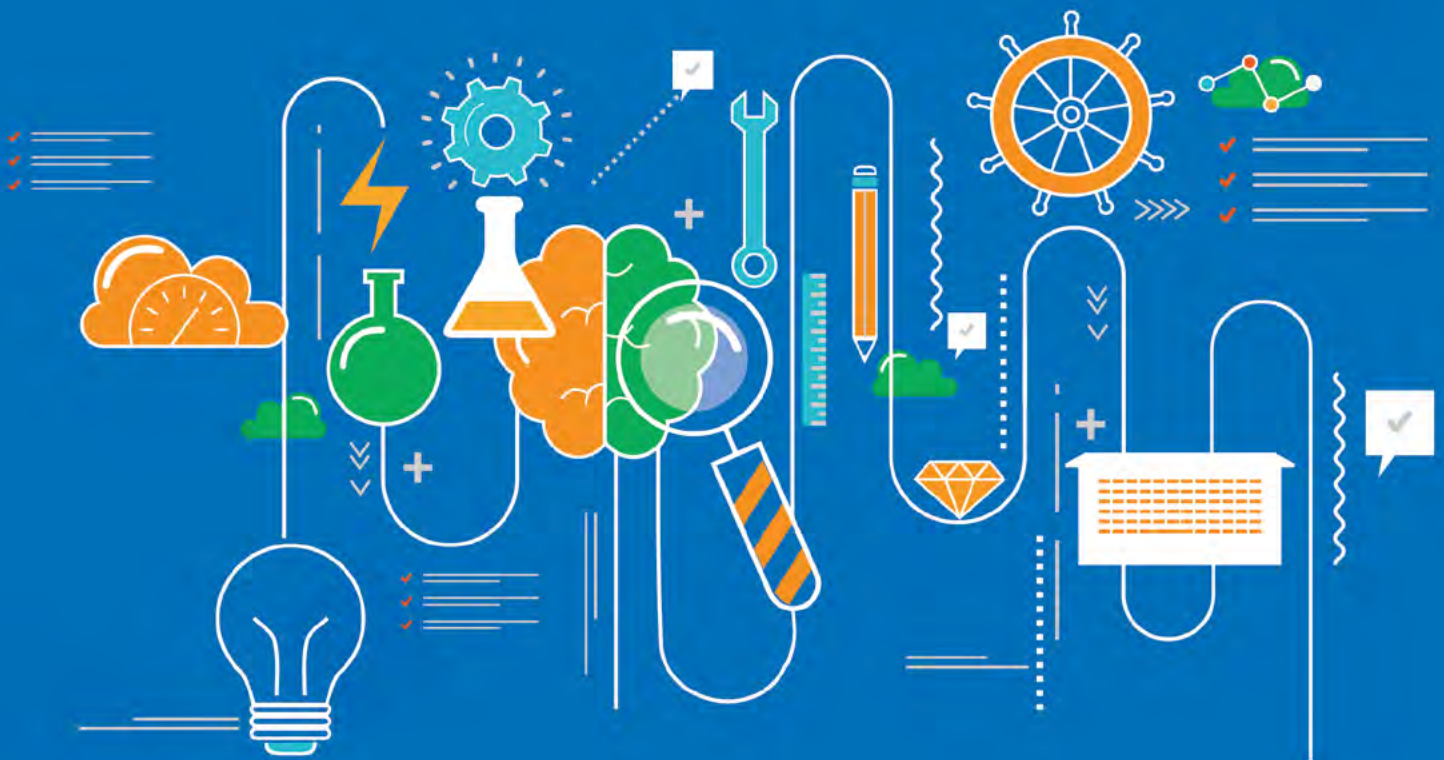
National Institute of Pharmaceutical Education and Research, Mohali

Ministry/Department/Organisation:		Department of Pharmaceuticals				
Location	Punjab					
Year of establishment	1991			Total staff at the Lab	2021-22 93	2022-23 94
Type of R&D performed	Basic R&D			Staff engaged in R&D	46	48
				Total Budget of the institution (Rs. Crores)	51.11	84.2
Indicator	2021-22	2022-23		Indicator	2021-22	2022-23
Number of technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs (per 100 scientific staff)	15.2	29.2	No	Number of international collaborative projects with industry (per 100 scientific staff)	2.2	2.1
Number of projects executed (per 100 scientific staff)	263	258.3	No	Number of international collaborative projects with academic institutions and research labs (per 100 scientific staff)	47.8	50
	Individuals, Industry, Government Departments	Individuals, Industry, Government Departments		Number of international academic collaborations measured by publications (per 100 scientific staff)	60.9	91.7
Beneficiaries of organisation's programmes				Number of national collaborative projects with industry (per 100 scientific staff)	65.2	58.3
Number of Atal Tinkering Labs (ATL) supported in the form of mentorship or outreach activities to promote S&T (per 100 scientific staff)	0	0		Number of national collaborative projects with academic institutions and research labs (per 100 scientific staff)	97.8	106.3
Number of persons who attended skill development, entrepreneurship and innovation trainings organised by the lab (per Rs. 10 crore spent)	19	64		Number of national academic collaborations measured by publications (per 100 scientific staff)	97.8	106.3
Number of national programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0.2	0.5		Percentage of permanent scientists and contractual researchers to overall staff	32.4	32.7
Number of international programs (S&T symposia, conferences) organised by the lab (per Rs. 10 crore spent)	0	0.1		Percentage of overall budget spent on R&D and S&T R&D expenditure on green technologies (per Rs. 10 crore spent)	70	70
Increase in number of staff engaged in R&D (per 100 scientific staff)	23.9	2.1		Does your organisation have procedures in place for sustainable sourcing of materials?	Yes	Yes
Increase in women staff engaged in R&D (per 100 scientific staff)	19.6	2.1		Does your organisation have procedures in place to safely reclaim waste? - E-Waste	No	No
Number of startups incubated in the premises of the lab (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Hazardous Waste	No	No
Has your organisation set up a Section 8 company to support startups?	No	No		Does your organisation have procedures in place to safely reclaim waste? - Plastics (including packaging)	No	No
Number of startups supported through:				Does your organisation have procedures in place to safely reclaim waste? - Agricultural Waste	No	No
Training (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Medical Waste	No	No
Consultancy services (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Industrial Waste	Yes	Yes
Research support (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Solid Waste	No	No
Mentorship (per Rs. 10 crore spent)	0	0		Does your organisation have procedures in place to safely reclaim waste? - Other Waste	Yes	Yes
Other forms of support (per Rs. 10 crore spent)	0	0		Does your organisation have initiatives in place to promote intra-organisational collaborations?	Yes	Yes
Number of deep science and deep tech startups supported (per Rs. 10 crore spent)	0	0		Has your organisation adopted any digital technologies that would enhance R&D activities?	Yes	Yes
Number of startups incubated at lab successfully exited (per Rs. 10 crore spent)	0	0		Does your organisation have necessary ethics guidelines and policies in place?	Yes	Yes
Number of spin-out companies generated (per Rs. 10 crore spent)	0	0		Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?	Yes	Yes
Number of PhD, Master's, Graduate degrees awarded (per 100 scientific staff)	617.4	591.7		Does your organisation have a public grievance redressal cell?	Yes	Yes
Number of interns trained at lab in cutting edge areas (per 100 scientific staff)	0	0		Does your organisation have national accreditation/certification for its lab procedure?	Yes	Yes
Number of national awards and fellowships (per 100 scientific staff)	0	0		Does your organisation have international accreditation/certification for its lab procedure?	No	No
Number of international awards and fellowships (per 100 scientific staff)	0	2.1		Number of startups and firms lab has opened testing and research facilities to (per 100 scientific staff)	187	197.9
Number of publications in quality peer reviewed journals (per 100 scientific staff)	341	379		Number of outside researchers and students labs has opened testing and research facilities to (per 100 scientific staff)	34.8	35.4
Number of technology development/ design/ project reports commissioned (per 100 scientific staff)	0	0		Are your organisation's R&D facilities available on the I-STEM national portal?	No	Yes
Number of citations received by papers published in the preceding three calendar years (per 100 scientific staff)	3613	3972.9		Does your organisation's website follow all security protocols as mandated by the Government of India?	Yes	Yes
Percentage of publications in top 10% of journals	4.5	9.3		Is your organisation's website differently-abled friendly?	No	No
Number of IPRs filed (per Rs. 10 crore spent)	1.4	2.1		Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?	No	No
Number of IPRs granted (per Rs. 10 crore spent)	1.4	1		Percentage of young scientists in scientific staff	36.9	35.4
Number of patents granted in emerging technologies (per Rs. 10 crore spent)	0	0		Percentage of women scientists in scientific staff	42.7	44.1
Number of IPRs licensed out (per Rs. 10 crore spent)	0	0		Are the facilities at your organisation differently-abled friendly?	Yes	Yes
Number of non-worked patents (per Rs. 10 crore spent)	1.4	1		Percentage of the total budget spent on training and skill up-gradation	0	0
Number of national and international policies, regulations, and standards contributed to (per Rs. 10 crore spent)	0.4	0.2		Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?	No	No
Number of technologies transferred domestically and internationally (per Rs. 10 crore spent)	0	0		Do you have a structured career progression plan (career growth through promotion) for your scientific staff?	No	No
Number of new products/services introduced (per Rs. 10 crore spent)	1	1		Percentage of scientists and researchers that have undergone a career development programme on an annual basis organised by		
Earnings from government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.1		Parent ministry and department	0	0
Earnings from domestic non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0.1	0.2		Capacity Building Commission (CBC)	0	0
Earnings from international non-government sources - training, consultancy, tech transfer fees (per Rs. 10 crore spent)	0	0.2		International bodies	0	0
Total external research and development funding amount received from government sources (per Rs. 10 crore spent)	0.4	0.3		Others	0	0
Total external research and development funding amount received from domestic non-government sources (per Rs. 10 crore spent)	0	0		Number of young scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from foreign non-government sources (per Rs. 10 crore spent)	0	0		Number of women scientists and researchers supported for conferences, further training, sabbaticals, etc (per 100 scientific staff)	0	0
Total external research and development funding amount received from other non-government sources (per Rs. 10 crore spent)	0	0				
Qualitative questions have not been included here and can be found in the questionnaire (A.3)				Data submitted by the lab could not be validated		
	1st Quartile	2nd Quartile	3rd Quartile	4th Quartile		



SECTION 5

Appendices



Appendix A.1

COMPOSITION OF THE EXPERT COMMITTEE

1. Dr. Ranjit Rath, CMD, Oil India
2. Mr. Nagesh Kumar, Director Institute for Studies in Industrial Development (ISID)
3. Mr. J. B. Mohapatra, Former Chairman, CBDT
4. Prof. Dinesh Abrol, Retd. Chief Scientist, CSIR – NISTADS

Appendix A.2

DETAILS OF THE FRAMEWORK

As in Round 1, given the tremendous diversity in the nature of R&D carried out by various publicly funded R&D organisations, the labs/ institutes were grouped into three categories - Basic, Applied, and Services. The definitions of the three categories can be found in the table below.

Definitions of Research Categories – Basic, Applied, Services

Category	Definition
Basic R&D	Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundation of phenomena and observable facts, without any particular application or use in view.
Applied R&D	Original investigation undertaken in order to acquire new knowledge. It is, however, directed primarily towards a specific, practical aim or objective.
Services R&D	Systematic work, drawing on knowledge gained from research and practical experience and producing additional knowledge, directed to producing new products or processes or to improving existing products or processes.

Framework and New Indicators

The framework in Round 1 had been finalized through extensive and wide ranging consultations with representatives from various ministries having provided their inputs during the entire process. Within the overarching framework established in Round 1, new indicators introduced in this round are highlighted in the section below. Readers may refer to the report for Round for more details on the genesis of the framework.¹

For the purposes of this report, the broad framework remains the same and has three main pillars - Socio-economic Impact, Science, Technology and Innovation (STI) Excellence, and Organizational Effectiveness. Each pillar has a number of sub-pillars and indicators as we shall see below. A number of new indicators have been added in this round under relevant sub-pillars and these are explained below.

The framework has three main pillars – Socio-economic Impact, Science, Technology and Innovation (STI) Excellence, and Organizational Effectiveness. The three main pillars cover a total of 11 sub-pillars and 62 evaluation parameters.

¹ <https://www.psa.gov.in/innerPage/psa-initiatives-covid/report-evaluation-innovation-excellence-indicators-public-funded-rd/3635>

Overview of the framework

Pillars	Outcomes	Outputs	Inputs
	Socio-economic Impact	Science, Technology and Innovation Excellence	Organizational Effectiveness
Sub-pillars	Contribution to India's SDGs and National Programmes Employment Generation and Human Resources Development	Scholarly Research Output and Quality Development and Innovation Output and Quality Commercialisation of Technologies Revenue Generation and Collaborative Research	Mandate Alignment Resource Management Governance Equity, Diversity And Inclusion (EDI) Internal Capacity

The aim of the first pillar, 'Socio-economic Impact', is to capture the outcomes of a R&D organization's activities and its impact towards achieving national priorities. The sub-pillar 'Contribution to India's SDGs and National Programmes' considers questions on the number of technologies targeted towards SDGs and National Programs and main beneficiaries of the organization's programmes. The new indicator introduced in this sub-pillar is the support extended by the organizations to Atal Tinkering Labs. The sub-pillar 'Employment Generation and Human Resources Development' captures outcomes through questions on increase in staff, number of PhDs and Master's generated, startups incubated, deep tech startups supported, etc.

The second pillar, 'Science, Technology and Innovation (STI) Excellence' pillar seeks to capture the outputs of a R&D institutions activities through four sub-pillars viz., 'Scholarly Research Output and Quality', 'Development and Innovation Output and Quality', 'Commercialisation of Technologies and Revenue Generation and Collaborative Research'. The questions under this pillar capture data on publications and citations, IPR filed and granted, technologies transferred, new product and services developed and collaborative research undertaken with other national and international R&D organisations and industry. The new indicators introduced in this round specifically in the sub-pillar on 'Development and Innovation Output and Quality', include IPR granted to the organizations in emerging technologies as well as the number of non-worked patents of the organization.

The third pillar, 'Organizational Effectiveness', captures the effectiveness of a R&D organization in quality delivery of its mandate through five sub-pillars viz., 'Mandate Alignment', 'Resource Management', 'Governance', 'Equity, Diversity And Inclusion (EDI)' and 'Internal Capacity'. The effectiveness of a R&D institution is captured through questions on share of scientists, share of women and young scientists in scientific staff, share of budget spent on R&D, promotion of equity, diversity and inclusion, structured career development programmes, etc. The new indicators introduced in this round include, opening up of testing and research facilities to key stakeholders like industry and startups, whether they have a presence on the iSTEM portal and whether they have adopted digital technologies to aid in their R&D activities. New indicators on sustainability such as waste reclamation and sustainable sourcing of materials have also been introduced.

New Indicators

- Number of DeepTech/Deep Science Startups Supported
- IPR granted for Emerging Technologies*
- Policy Contributions towards Emerging Technologies
- R&D expenditure towards green technologies
- Number of Non Worked Patents
- Presence of Policies towards Waste Reclamation
- Number of Women Scientists supported for attending conference, sabbaticals, etc
- Opening of Research Facilities to different stakeholders like startups, industry, outside researchers and students
- Number of Young Scientists supported for attending conference, sabbaticals, etc

**The emerging technologies list is derived from MEA and includes AI, Green and Sustainable Technologies, Bioengineering, Semiconductor Technologies, Industrial Technologies, High Performance Computing Technologies, Blockchain Technologies, Quantum Technologies, Data & Communications Network*

The pillar weights assigned to the framework for each category of lab continues to hold as in Round 1. The pillar weights vary across the lab category. For Basic Labs, the pillar weight for STI Excellence significantly more than the weight attached to the other two pillars. In the case of Applied Labs and Services lab, equal weightage has been given to the 'Socio-economic Impact' pillar and the 'STI Excellence' pillar and is higher than the weight attached to the 'Organizational Effectiveness' pillar. As seen above, while new indicators have been introduced in this round, the weights of the sub-pillars remain unchanged. There were differences in the relative importance of sub-pillars and indicators across the three categories of labs which would have been established during the finalization of the exercise ahead of Round 1. This has been taken into account when introducing the new indicators under the various sub-pillars.

For basic R&D labs, sub-pillars 1 and 2 are equally weighted within the Socio-economic Impact pillar. With respect to the overall framework, the weight assigned to these two sub-pillars ranks below that of sub-pillars 3 and 4.

In the case of the applied and services labs, the distribution of weights between the sub-pillars is the same for both the categories. Sub-pillar 1 has a significantly higher weight than sub-pillar 2 and is in fact the highest weighted sub-pillar in the framework for both applied and services labs. The difference between the applied and services labs would be seen at the indicator level.

Indicators under Socio-economic Impact pillar

Sub Pillar	Indicator
Sub pillar 1: Contribution to SDGs and national programmes	Technologies targeted towards SDGs and National Programs
	Projects Executed
	Beneficiaries of lab's programmes
	Contribution to national policy improvement**
	Support to Atal Tinkering Labs
	People attending skill development, entrepreneurship and innovation trainings
Sub pillar 2: Employment generation and human resource development	National and International programs organized (S&T symposia, conferences, etc.)
	Increase in existing employee base through technologies transferred
	Increase in the number of staff engaged in R&D
	Startups incubated
	Startups exited
	Deep Tech Startups supported
	Support provided to startups***
	PhDs, Masters and Graduate degrees awarded*
	Spinouts generated
	Interns trained in cutting edge areas*
	Trainings imparted**
	Skill development programmes conducted**
	Permanent scientists deputed to provide training**
*Only for Basic and Applied R&D questionnaires **Only for Services R&D questionnaire ***Only for Basic R&D questionnaire	

The indicators captured under the pillar sub-pillars 1 and 2 are shown in the table above.

Indicators under Science, technology and innovation excellence pillar

Sub Pillar	Indicator
Sub pillar 1: Contribution to SDGs and national programmes	National and International Awards and Fellowships
	Publications in quality peer reviewed journals
	Commissioned technology development/design/project reports prepared
	Citations*
	Percent of publications in top 10% journals*
	Technology documents prepared**
Sub pillar 4: Development and innovation output and quality	National and International recognitions received by the lab**
	Reports leading to designs and products**
	IPR filed
	IPR granted
	IPR licensed out
	National and International policies, regulations and standards contributed to
Sub pillar 5: Commer- cialization of technologies and revenue generation	Technologies transferred domestically and internationally
	New services and products introduced
	Earnings from government and non-government sources
Sub pillar 6: Collaborative research	Extramural funding received from government and non-government sources
	National and International collaborative projects with industry
	National and International collaborative projects with academic/research organization
	National and International collaborations measured by publications with academic organization/industry
	Scientists attached to industry/academic organization under an exchange program*

*Only for Basic and Applied R&D questionnaires **Only for Services R&D questionnaire

Within the STI excellence pillar, for basic R&D labs, the sub-pillar 3 has been assigned the highest weight followed by sub-pillar 4 and then sub-pillar 6. In the overall framework for basic R&D labs, these three sub-pillars also have a higher weight than the other sub-pillars, with a lot of emphasis especially being placed on sub-pillar 3. Sub-pillar 5 is among the lower weighted sub-pillars in the overall basic R&D framework.

For the applied and services labs, within the STI excellence pillar, sub-pillars 3, 4 and 5 are equally weighted and have a higher weight compared to sub-pillar 6. The weights of the sub-pillars for applied and services are the same within the STI excellence pillar, and the difference between these two categories of labs would be seen at the indicator level. In the context of the overall framework, sub-pillars 3, 4 and 5, while among the higher weighted sub-pillars, have a lower weight compared

to sub-pillar 1. Sub-pillar 6 in the case of applied labs as well as services labs is among the lowest weighted sub-pillars in the overall framework. For new indicators, weights were equally distributed within a sub-pillar to maintain the same weight for the indicator that was replaced.

Indicators under Organizational effectiveness pillar

Sub Pillar	Indicator
Sub pillar 7: Mandate alignment	New research fields/innovations/services introduced
	Percentage of permanent scientists and contractual researchers
Sub pillar 8: Resource management	Percentage of organization's budget spent on R&D and S&T
	R&D expenditure on green technologies
	Sustainable sourcing of materials
	Waste reclamation procedures
	Initiatives in place to promote intra-organisational collaborations
	Digital technologies to enhance R&D activities
	Ethics guidelines and policies
Sub pillar 9: Governance	Sexual harassment mitigation cell with requisite policies and procedures
	Public grievance redressal cell
	National/international accreditation/certification for lab procedures
	Transparent recruitment guidelines and processes
	Opening of testing and research facilities
	Availability on I-STEM, cybersecurity protocols, and differently-abled friendly website
	EDI (Equity, Diversity & Inclusion) cell
Sub pillar 10: Equality, diversity, and inclusion	Percentage of young scientists and researchers to the total scientific and research staff
	Percentage of women scientists and researchers to the total scientific and research staff
	Differently-abled friendly facilities at the lab
Sub pillar 11: Internal capacity building	Percentage of budget spent on training & skill up-gradation of staff
	Structured career progression plan for non-scientific and scientific staff
	Percentage of scientists who have undergone a career development programme
	Support provided to young and women scientists and researchers

In the Organizational Effectiveness pillar, the distribution of weights across the sub-pillars is the same across the three categories of labs. The sub-pillars 7 and 9 have the highest weighting in this pillar followed by sub-pillar 8. The sub-pillars 10 and 11 have the lowest weighting within the framework.

Key Definitions and Explanations

Terms	Definition
R&D and S&T Budget	These include R&D and scientific budget related costs whereas running costs or recurring costs (for example electricity, rent etc.) that would constitute administrative costs would be excluded. If any of the costs mentioned are directly project related (for example travel for research, conferences, seminars and workshops), they would be included as R&D budget.
Scientific and Research Staff	Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs, SRFs and other fellowship awardees, etc.).
Sub pillar 11: Internal capacity building	Percentage of budget spent on training & skill up-gradation of staff
	Structured career progression plan for non-scientific and scientific staff
	Percentage of scientists who have undergone a career development programme
	Support provided to young and women scientists and researchers

Appendix A.3

QUESTIONNAIRES

A.3.1 Basic R&D Questionnaire

Q1: What are the number of Technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs?

Number

Please select the relevant SDGs from the list provided below.

- ☐ Goal 1: No poverty
- ☐ Goal 2: Zero hunger
- ☐ Goal 3: Good health and well-being
- ☐ Goal 4: Quality education
- ☐ Goal 5: Gender equality
- ☐ Goal 6: Clean water and sanitation
- ☐ Goal 7: Affordable and clean energy
- ☐ Goal 8: Decent work and economic growth
- ☐ Goal 9: Industry, innovation and infrastructure
- ☐ Goal 10: Reduced inequalities
- ☐ Goal 11: Sustainable cities and communities
- ☐ Goal 12: Responsible consumption and production
- ☐ Goal 13: Climate action
- ☐ Goal 14: Life Below Water
- ☐ Goal 15: Life on land
- ☐ Goal 16: Peace, justice and strong institutions
- ☐ Goal 17: Partnerships for the goals

Please select the relevant National Programs from the list provided below.

- ☐ National Health Protection Scheme
- ☐ Mid-day Meal Program
- ☐ Swachh Bharat Mission
- ☐ 'Housing for All by 2022' Mission
- ☐ National Rural Drinking Water Program
- ☐ Jan Dhan Yojna
- ☐ Skill India Mission
- ☐ Make In India
- ☐ Shramew Jayate Yojna
- ☐ National Ayush Mission (NAM)
- ☐ Hriday Scheme
- ☐ Ujala Yojna
- ☐ Atal Pension Yojna

- ☐ Pradhan Mantri Swasthya Suraksha Yojana (PMSSY)
- ☐ Smart Cities Mission
- ☐ AMRUT
- ☐ UDAY
- ☐ Startup India
- ☐ Gramoday se Bharat Uday
- ☐ Pradhan Mantri Ujjwala Yojana (PMUY)
- ☐ Namami Gange
- ☐ National Supercomputing Mission
- ☐ National Mission on Interdisciplinary Cyber-Physical Systems
- ☐ National Mission on Quantum Technologies & Applications
- ☐ National Mission for Artificial Intelligence
- ☐ National Green Hydrogen Mission
- ☐ Other
- ☐ *Click here if the response above matches with the data entered in the template.*

Q2: What were the total number of projects executed?

Projects executed in a particular year would include projects started in the relevant year or completed in the relevant year. They would also include multi-year projects that may have started in a previous financial year and are on-going in the relevant year.

Please include all projects that have been undertaken either as a standalone project or those falling under particular themes or programmes.

- ☐ *Click here if the response above matches with the data entered in the template.*

Q3a: Who were the main beneficiaries of your organisation's programmes?

Select all that apply.

- ☐ Individuals
- ☐ NGOs
- ☐ Industry
- ☐ Government Departments

Q3b: Describe how each of the selected beneficiaries were impacted by the organisation's programmes.

Q4: What was the total number of Atal Tinkering Labs (ATL) supported by your organisation in the form of mentorship or outreach activities to promote S&T?

Examples of outreach activities include open house exhibitions, lecture demonstrations, student delegations by schools and colleges, Science Day activities, INSPIRE camps, etc.

Q5: What were the number of persons who attended skill development, entrepreneurship and innovation trainings organised by your organisation?

Examples of skill development, entrepreneurship and innovation trainings include teacher training, IT skilling, technical training that may culminate in a variety of entrepreneurial activities etc.

Q6a: What were the total number of national programs (S&T symposia, conferences) organised by your organisation?

National Programs should have a minimum attendance of 50.

Q6b: What were the total number of international programs (S&T symposia, conferences) organised by your organisation?

International programs should have a minimum attendance of 100 and at least 5 foreign speakers.

Q7a: What was the increase in the number of permanent scientists (Scientist B/Level 10 or equivalent and above)?

The increase should be calculated as the difference in permanent scientists between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of permanent scientists and increase in the number of women permanent scientists.

i. Increase in number of permanent scientists

ii. Increase in number of women permanent scientists

☐ [Click here if the response above matches with the data entered in the template.](#)

Q7b: What was the increase in the number of contractual researchers for projects?

The increase should be calculated as the difference in contractual researchers between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of contractual researchers and increase in the number of women contractual researchers.

i. Increase in number of contractual researchers

- ii. Increase in number of women contractual researchers

- ☐ [Click here if the response above matches with the data entered in the template.](#)

Q7c: What was the increase in the number of technical support staff?

The increase should be calculated as the difference in technical support staff between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of technical support staff and increase in the number of women technical support staff.

- i. Increase in number of technical support staff

- ii. Increase in number of women technical support staff

- ☐ [Click here if the response above matches with the data entered in the template.](#)

Q8: What were the total number of startups incubated in the premises of your organisation?

An incubated startup is a startup with access to incubator facilities like land, equipment, research support, mentoring, auxiliary/technical support such as marketing, accounting and legal help at your organisation.

Please include only those incubated startups that are present within your organisation's premises.

- ☐ [Click here if the response above matches with the data entered in the template.](#)

Q9: Has your organisation set up a Section 8 company to support startups?

According to the Companies Act 2013, a Section 8 company is defined as an organisation whose objectives are to promote arts, commerce, science, research, education, sports, charity, social welfare, religion, environmental protection, or other similar activities goals. These entities utilise their profits to achieve their mission and do not distribute dividends to their shareholders.

☐ Yes

☐ No

Q10: What were the number of startups supported by your organisation through the following mechanisms?

Please do not include startups that were incubated at your organisation.

- i. Training

ii. Consultancy Services

iii. Research Support

iv. Mentorship

v. Other Forms of Support

Describe the type of support

☐ [Click here if the response above matches with the data entered in the template.](#)

Q11: What were the number of deep science and deep tech startups supported by your organisation?

Deep science and deep tech startups refer to startups focusing on disruptive innovations founded on advanced scientific and technological breakthroughs.

Please include all deep science and deep tech startups that were either incubated or were supported through training, consultancy services, research support, or mentorship.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q12: What was the total number of startups incubated at your organisation that exited successfully?

Successful exits are startups that have graduated from the incubation program of the organisation under organisation's policy except those who are compulsorily retired/ removed/ terminated under the organisation's policy.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q13: How many spin-out companies have been generated by your organisation?

Spin-out companies are startup companies that are created based on intellectual property (IP) generated through a university/lab's research.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q14a: What were the total number of PhDs awarded by your organisation or awarded through collaboration with a University?

☐ [Click here if the response above matches with the data entered in the template.](#)

Q14b: What were the total number of Master's degrees awarded by your organisation or awarded through collaboration with a University?

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q14c: What were the total number of graduate degrees awarded by your organisation or awarded through collaboration with a University?

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q15: What were the total number of interns trained at your organisation in cutting edge areas such as quantum technologies, bio-engineering, green hydrogen, artificial intelligence, renewable technologies, blockchain, smart manufacturing, semiconductor technologies, high performance computing, and advanced wireless networks?

The term "interns" is used broadly here to include apprentices, summer interns, dissertation students, engineering trainees, etc.

Please provide only the number of interns trained in cutting edge areas.

Number

Q16a: What were the total number of national awards and recognitions received by members of your organisation?

Please include only CSIR Award for S&T Innovations for Rural Development (CAIRD), CSIR Diamond Jubilee Technology Award (CDJTA), CSIR Technology Awards, National Award for the successful commercialization of Indigenous Technology, SERB Distinguished Investigator Award (DIA), SERB Women Excellence Award (WEA), Shanti Swarup Bhatnagar awardees, Padma awardees, and Infosys Prize awardees.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q16b: What were the total number of national fellowships awarded to members of your organisation?

Please include only Indian National Science Academy, Indian National Academy of Engineering, National Academy of Sciences, India, Indian Academy of Sciences fellowships, J C Bose National Fellowship, Swarnajayanti Fellowships, Abdul Kalam Technology Innovation National Fellowship, SERB-Star Awardees, SERB-National Science Chair, SERB Distinguished Fellowship.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q17a: What were the total number of international awards and recognitions received by the members of your organisation?

Please include only awards by EMBO, US Presidential Young Investigator Award, PMS Blackett Memorial Lecture and Jagadis Chandra Bose Memorial Lecture, Abdus Salam Medal, TWAS Prizes, TWAS-C.N.R. Rao Award for Scientific Research, TWAS-Lenovo Science Prize.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q17b: What were the total number of international fellowships awarded to members of your organisation?

Please include only Fellowship of Royal Society, US National Academy of Sciences, The World Academy of Sciences.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q18a: What were the number of publications in quality peer reviewed journals?

Please use Web of Science or Scopus database to report this number.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q18b: What were the number of commissioned technology development/design/ project reports prepared by your organisation?

Reports include technology trends, patent searches, patent analysis, material data sheets, test methods and reports, toxicological studies, manufacturing standards, system requirements, system architecture, system design documents, etc. commissioned by the Government of India, state governments, public sector enterprises and private sector enterprises.

Please provide the number of reports commissioned by the Government of India, state governments, public sector enterprises, private sector enterprises, and the total number of reports commissioned.

i. Total number of reports commissioned

Number

ii. Number of reports commissioned by the Government of India

Number

iii. Number of reports commissioned by state governments

iv. Number of reports commissioned by public sector enterprises

v. Number of reports commissioned by private sector enterprises

☐ [Click here if the response above matches with the data entered in the template.](#)

Q19: What was the number of citations received by papers published in the preceding three calendar years?

Please use Web of Science or Scopus database to report this number.

Q20: What was the percentage of publications in top 10% of journals as per Impact Factor by subject category?

Please use InCites or Scimago database to report this number.

Percentage

Q21a: What were the total number of patent applications filed?

Domestic patent filings are patent applications that have been filed with the Indian Patent Office. International patent filings are patent applications that have been filed with the concerned international patent offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21b: What were the total number of trademark applications filed?

Domestic trademark filings are trademark applications that have been filed with the Indian Trademarks Registry. International trademark filings are trademark applications that have been filed with the concerned international trademark offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21c: What were the total number of design applications filed?

Domestic design filings are design applications that have been filed with the office of the Controller of Designs of India. International design filings are design applications that have been filed with the concerned international design offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21d: What were the total number of copyright applications filed?

Domestic copyright filings are copyright applications that have been filed with the Indian Copyright Office. International copyright filings are copyright applications that have been filed with the concerned international copyright offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21e: What were the total number of GI of goods applications filed?

Domestic GI of goods filings are GI of goods applications that have been filed with the Indian Geographical Indications Registry. International GI of goods filings are GI of goods applications that have been filed with the concerned international GI offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21f: What were the total number of plant varieties applications filed?

Domestic plant varieties filings are plant varieties applications that have been filed with the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties filings are plant varieties applications that have been filed with the concerned international plant varieties offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21g: What were the total number of semiconductor Integrated Circuit layout applications filed?

Domestic semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the concerned international semiconductor integrated circuit layout offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22a: What were the total number of patents granted?

Domestic patents granted are patents that have been granted by the Indian Patent Office. International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international patents granted.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22b: What were the total number of trademarks granted?

Domestic trademarks granted are trademarks that have been granted by the Indian Trademarks Registry. International trademarks granted are trademarks that have been granted by the concerned international trademark offices.

Please provide total, domestic, and international trademarks granted.

i. Total trademarks granted

ii. Domestic trademarks granted

iii. International trademarks granted

☐ *Click here if the response above matches with the data entered in the template.*

Q22c: What were the total number of designs granted?

Domestic designs granted are designs that have been granted by the office of the Controller of Designs of India. International designs granted are designs that have been granted by the concerned international design offices.

Please provide total, domestic, and international designs granted.

i. Total designs granted

ii. Domestic designs granted

iii. International designs granted

☐ *Click here if the response above matches with the data entered in the template.*

Q22d: What were the total number of copyrights granted?

Domestic copyrights granted are copyrights that have been granted by the Indian Copyright Office. International copyrights granted are copyrights that have been granted by the concerned international copyright offices.

Please provide total, domestic, and international copyrights granted.

i. Total copyrights granted

ii. Domestic copyrights granted

iii. International copyrights granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22e: What were the total number of GI of goods granted?

Domestic GI of goods granted are GI of goods that have been granted by the Indian Geographical Indications Registry. International GI of goods granted are GI of goods that have been granted by the concerned international GI offices.

Please provide total, domestic, and international GI of goods granted.

i. Total GI of goods granted

ii. Domestic GI of goods granted

iii. International GI of goods granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22f: What were the total number of plant varieties granted?

Domestic plant varieties granted are plant varieties that have been granted by the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties granted are plant varieties that have been granted by the concerned international plant varieties offices.

Please provide total, domestic, and international plant varieties granted.

i. Total plant varieties granted

ii. Domestic plant varieties granted

iii. International plant varieties granted

☐ [Click here if the response above matches with the data entered in the template.](#)
Q22g: What were the total number of semiconductor Integrated Circuit layouts granted?

Domestic semiconductor integrated circuit layouts granted are semiconductor integrated circuit layouts that have been granted by the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layouts granted are semiconductor integrated circuit layouts that have been granted by the concerned international semiconductor integrated circuit layout offices.

Please provide total, domestic, and international semiconductor Integrated Circuit layouts granted.

i. Total semiconductor Integrated Circuit layout applications granted

ii. Domestic semiconductor Integrated Circuit layout applications granted

iii. International semiconductor Integrated Circuit layout applications granted

☐ [Click here if the response above matches with the data entered in the template.](#)
Q23: What were the number of patents granted in the following emerging areas of technology?

Domestic patents granted are patents that have been granted by the Indian Patent Office.

International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international grants.

a) Quantum Technologies

Quantum technologies could include technologies like quantum radar, quantum computing, quantum biology, quantum cryptography, quantum devices & networks, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

b) Artificial Intelligence - Enabled Technologies

Artificial intelligence - enabled technologies could include technologies like consumer or social robots, augmented reality, virtual reality, autonomous vehicles, intelligent transportation systems, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

c) Bio-engineering Technologies

Bio-engineering technologies could include technologies like neural engineering, tissue engineering, bioinformatics, genetic engineering, clinical engineering, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

d) Sustainable Technologies

Sustainable technologies could include technologies like vertical farming, precision agriculture technologies, synthetic meat, hydroponics, electric vehicles, battery technologies, net-zero-energy buildings, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

e) Semiconductor Technologies

Semiconductor technologies could include technologies like integrated circuits, 2D and 3D chips, flexible electronics, display technologies, e-textiles, spintronics, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

f) Industrial Technologies

Industrial technologies could include technologies like smart and digital manufacturing, advanced industrial robotics, Industrial Internet of Things (IIoT), 3D printing, distributed manufacturing technologies, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

g) High Performance Computing Technologies

High performance computing technologies could include technologies like big data computing, edge computing, containerisation, intelligent computing systems, cyber security, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

h) Blockchain Technologies

Blockchain technologies could include technologies like enterprise solutions, intelligent supply-chain systems, cryptocurrencies, smart business applications like FinTech, EduTech, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

i) Data & Communications Network

Data & communications network technologies could include technologies like 5G, 6G, advanced wireless networks, communication hardwares, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

 Number

☐ [Click here if the response above matches with the data entered in the template.](#)
Q24a: What were the different number of patents licensed out domestically and internationally?

The different number of patents licensed out should be calculated by summing the number of patents for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total patents licensed out

 Number

ii. Patents licensed out to domestic industry

 Number

iii. Patents licensed out to domestic academic institutions

 Number

iv. Patents licensed out to domestic research labs

 Number

v. Patents licensed out to international industry

 Number

vi. Patents licensed out to international academic institutions

 Number

vii. Patents licensed out to international research labs

 Number

☐ [Click here if the response above matches with the data entered in the template.](#)
Q24b: What were the number of non-worked patents?

A non-worked patent is one in which the claimed invention is not actively being used, manufactured, or implemented. Domestic non-worked patents are patents that have been granted by the Indian Patent Office and are not-worked. International non-worked patents are patents that have been granted by the concerned international patent offices and are not-worked.

Please provide the number of total, domestic, and international non-worked patents.

i. Total non-worked patents

ii. Domestic non-worked patents

iii. International non-worked patents

☐ *Click here if the response above matches with the data entered in the template.*

Q24c: What were the different number of trademarks licensed out domestically and internationally?

The different number of trademarks licensed out should be calculated by summing the number of trademarks for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total trademarks licensed out

ii. Trademarks licensed out to domestic industry

iii. Trademarks licensed out to domestic academic institutions

iv. Trademarks licensed out to domestic research labs

v. Trademarks licensed out to international industry

vi. Trademarks licensed out to international academic institutions

vii. Trademarks licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24d: What were the different number of designs licensed out domestically and internationally?

The different number of designs licensed out should be calculated by summing the number of designs for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total designs licensed out

ii. Designs licensed out to domestic industry

iii. Designs licensed out to domestic academic institutions

iv. Designs licensed out to domestic research labs

v. Designs licensed out to international industry

vi. Designs licensed out to international academic institutions

vii. Designs licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24e: What were the different number of copyrights licensed out domestically and internationally?

The different number of copyrights licensed out should be calculated by summing the number of copyrights for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total copyrights licensed out

ii. Copyrights licensed out to domestic industry

iii. Copyrights licensed out to domestic academic institutions

iv. Copyrights licensed out to domestic research labs

v. Copyrights licensed out to international industry

vi. Copyrights licensed out to international academic institutions

vii. Copyrights licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24f: What were the different number of plant varieties licensed out domestically and internationally?

The different number of plant varieties licensed out should be calculated by summing the number of plant varieties for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total plant varieties licensed out

ii. Plant varieties licensed out to domestic industry

iii. Plant varieties licensed out to domestic academic institutions

iv. Plant varieties licensed out to domestic research labs

v. Plant varieties licensed out to international industry

vi. Plant varieties licensed out to international academic institutions

vii. Plant varieties licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24g: What were the different number of semiconductor Integrated Circuit layouts licensed out domestically and internationally?

The different number of semiconductor integrated circuit layouts licensed out should be calculated by summing the number of semiconductor integrated circuit layouts for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total semiconductor integrated circuit layouts licensed out

ii. Semiconductor integrated circuit layout licensed out to domestic industry

iii. Semiconductor integrated circuit layouts licensed out to domestic academic institutions

iv. Semiconductor integrated circuit layouts licensed out to domestic research labs

v. Semiconductor integrated circuit layouts licensed out to international industry

vi. Semiconductor integrated circuit layouts licensed out to international academic institutions

vii. Semiconductor integrated circuit layouts licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q25a: What was the number of national policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q25b: What was the number of international policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q26a: What were the different number of technologies transferred domestically by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred domestically

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ [Click here if the response above matches with the data entered in the template.](#)

Q26b: What were the different number of technologies transferred internationally by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred internationally

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ [Click here if the response above matches with the data entered in the template.](#)

Q27a: What was the number of new services introduced in the market or being used by industry or research organisations including yours?

New services would include for example new digital services or testing services.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q27b: What was the number of new products introduced in the market, or being used by industry or research organisations including yours?

New products would include for example novel drugs or major instrumentation.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q28: What were the total annual earnings from government sources in the following areas?

Government sources include Government of India, state governments, and central / state public sector enterprises.

Please report all amounts in Rs. crores.

i. Consultancy fees, including earnings from contract research, testing and analysis.

ii. Training fees, including earnings from courses and workshops.

iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc?

Q29: What were the total annual earnings from domestic non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

- ii. Training fees, including earnings from courses and workshops

- iii. Technology transfer, including earnings from product commercialisation, sale of books/ publications, and licensing of patents, trademarks, etc.

Q30: What were the total annual earnings from international non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

- ii. Training fees, including earnings from courses and workshops

- iii. Technology transfer, including earnings from product commercialisation, sale of books/ publications, and licensing of patents, trademarks, etc.

Q31: What was the total external research and development funding amount received from government sources?

Government sources include Government of India, State governments and CPSE / State PSE. External research and development funding does not include core support/ assistance from the organisation's own administrative Ministry/ Department.

Please report the amount in Rs. crores.

Q32a: What was the total external research and development funding amount received from domestic non-government sources?

Sources could include university grants, trust grants, industry donations and project funding from industry, philanthropy, CSR.

Please report the amount in Rs. crores.

Q32b: What was the total external research and development funding amount received from foreign non-government sources?

Sources could include foreign university grants, foreign trust grants, international industry donations, project funding from international industry, and foreign philanthropy.

Please report the amount in Rs. crores.

Q32c: What was the total external research and development funding amount received from other non-government sources?

Sources could include bilateral partnerships between India and International bodies.

Please report the amount in Rs. crores.

Q33: What was the number of international collaborative projects executed with industry?

'International collaboration' means that at least one industry has to be based overseas.

i. International collaborative projects with only industry partners

Please provide the number of international collaborative projects executed with only industry partners.

ii. International collaborative projects with at least one industry partner and academic institutions/ research lab partners

Please provide the number of international collaborative projects executed with both industry partners and academic institution/ research lab partners.

☐ *Click here if the response above matches with the data entered in the template.*

Q34: What were the number of international collaborative projects executed with academic institutions and research labs?

'International collaboration' means that at least one partner (academic institution or research lab as applicable) has to be based overseas.

i. Academic institutions

Please provide the number of international collaborative projects executed with only academic institution partners.

ii. Research Labs

Please provide the number of international collaborative projects executed with only research lab partners.

iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

☐ *Click here if the response above matches with the data entered in the template.*

Q35: What was the number of international academic collaborations measured by publications co-authored with other academic institutions and/or industry in other countries?

Please use Web of Science or Scopus database to report this number.

☐ *Click here if the response above matches with the data entered in the template.*

Q36: What was the number of national collaborative projects executed with industry?

Industry refers to both private sector enterprises and public sector enterprises.

i. National collaborative projects with only industry partners

Please provide the number of national collaborative projects executed with only industry partners.

ii. National collaborative projects with at least one industry partner and academic institutions/ research labs

Please provide the number of national collaborative projects executed with both industry partners and academic institution/ research lab partners.

iii. National collaborative projects with central public sector enterprises

Please provide the number of national collaborative projects executed with only central public sector enterprises

☐ *Click here if the response above matches with the data entered in the template.*

Q37: What was the number of national collaborative projects executed with academic institutions and research labs?

i. Academic institutions

Please provide the number of national collaborative projects executed with only academic institution partners.

ii. Research Labs

Please provide the number of national collaborative projects executed with only research lab partners.

iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

☐ *Click here if the response above matches with the data entered in the template.*

Q38: What were the number of national academic collaborations measured by publications co-authored with other academic institutions and/or industry within the country?

Please use Web of Science or Scopus database to report this number.

☐ *Click here if the response above matches with the data entered in the template.*

Q39: List the top three new research fields/innovations/services introduced by the organisation that have had an impact on the social and economic problems of the nation.

1

2

3

Q40: What was the percentage of permanent scientists and contractual researchers to overall staff?

Permanent scientists include Scientist B/Level 10 or equivalent and above. Contractual researchers include researchers hired for projects, JRFs, SRFs and other fellowship awardees, etc.

Percentage

☐

Click here if the response above matches with the data entered in the template.

Q41: What was the percentage of budget spent on R&D and S&T to your organisation's overall budget?

Budget spent on R&D and S&T excludes administrative expenses from the overall budget.

Percentage

Q42: What was the R&D expenditure made by your organisation on green technologies?

Green technologies may include technologies on renewable energy, waste management, sustainable packaging, etc.

Percentage

Q43: Does your organisation have procedures in place for sustainable sourcing of materials?

Sustainable sourcing of materials refers to the integration of social, ethical and environmental factors into the process of selecting suppliers for materials.

☐ Yes

☐ No

Q44: Does your organisation have procedures in place to safely reclaim waste for reusing, recycling and disposing at the end of life,for

i. E-waste

☐

Yes

☐

No

ii. Hazardous Waste

☐ Yes

☐ No

iii. Plastics (including packaging)

☐ Yes

☐ No

iv. Agricultural Waste

☐ Yes

☐ No

v. Medical Waste

☐ Yes

☐ No

vi. Industrial Waste

☐ Yes

☐ No

vii. Solid Waste

☐ Yes

☐ No

viii. Other Waste

☐ Yes

☐ No

Q45: Does your organisation have initiatives in place to promote intra-organisational collaborations?

Some examples include Faculty Talks, Retreats, Research Council Meetings, Scientific Group Meetings, Annual Research Meets etc.

☐ Yes

☐ No

Q46: Has your organisation adopted any digital technologies that would enhance R&D activities?

Digital technologies may include AI/ML, Internet of Things (IoT), advanced analytics, 3D printing, etc.

☐ Yes

☐ No

Q47: Does your organisation have necessary ethics guidelines and policies in place?

☐ Yes

☐ No

Q48: Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

☐ Yes

☐ No

Q49: Does your organisation have a public grievance redressal cell?

☐ Yes

☐ No

Q50: Does your organisation have national accreditation/ certification for its lab procedure?

☐ Yes

☐ No

Q51: Does your organisation have international accreditation/ certification for its lab procedure?

☐ Yes

☐ No

Q52: For each of the following, how many unique entities has your organisation opened testing and research facilities to?

i. Startups

Number

ii. Industry

Number

iii. Researchers outside your organisation

Number

iv. Students

Number

☐ *Click here if the response above matches with the data entered in the template.*

Q53: Are your organisation's R&D facilities available on the I-STEM national portal?

☐ Yes

☐ No

Q54a: Does your organisation's website follow all security protocols as mandated by the Government of India?

☐ Yes

☐ No

Q54b: Is your organisation's website differently-abled friendly?

☐ Yes

☐ No

Q55: Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

☐ Yes

☐ No

Q56: What percentage of the total scientific and research staff at your organisation are young scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs , SRFs and other fellowship awardees, etc.).

A young scientist or researcher is of age ≤ 40 (as on 1st July (of the relevant year)).

i. Percentage of permanent young scientists

Percentage

ii. Percentage of contractual young researchers

Percentage

☐ [Click here if the response above matches with the data entered in the template.](#)

Q57: What percentage of the total scientific and research staff at your organisation are women scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs , SRFs and other fellowship awardees, etc.).

i. Percentage of permanent women scientists

Percentage

ii. Percentage of contractual women researchers

Percentage

☐ *Click here if the response above matches with the data entered in the template.*

Q58: Are the facilities at your organisation differently-abled friendly?

☐ Yes

☐ No

Q59: What percentage of the total budget of your organisation is spent on training and skill up-gradation of your staff?

Percentage

Q60a: Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

☐ Yes

☐ No

Q60b: Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

☐ Yes

☐ No

Q61: What percentage of scientists in your organisation have undergone a career development programme on an annual basis organised by the following:

Scientists includes both permanent scientists and contractual researchers

i. Parent Ministry and Department

Percentage

ii. Capacity Building Commission

Percentage

iii. International Bodies

Percentage

iv. Others

Percentage

☐ *Click here if the response above matches with the data entered in the template.*

Q62a: How many young scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ *Click here if the response above matches with the data entered in the template.*

Q62b: How many women scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ *Click here if the response above matches with the data entered in the template.*

A.3.2 Applied R&D Questionnaire

Q1: What are the number of Technologies (TRL 0-4) targeted towards achieving Sustainable Development Goals and National Programs?

Number

Please select the relevant SDGs from the list provided below.

- ☐ Goal 1: No poverty
- ☐ Goal 2: Zero hunger
- ☐ Goal 3: Good health and well-being
- ☐ Goal 4: Quality education
- ☐ Goal 5: Gender equality
- ☐ Goal 6: Clean water and sanitation
- ☐ Goal 7: Affordable and clean energy
- ☐ Goal 8: Decent work and economic growth
- ☐ Goal 9: Industry, innovation and infrastructure
- ☐ Goal 10: Reduced inequalities
- ☐ Goal 11: Sustainable cities and communities
- ☐ Goal 12: Responsible consumption and production
- ☐ Goal 13: Climate action
- ☐ Goal 14: Life Below Water
- ☐ Goal 15: Life on land
- ☐ Goal 16: Peace, justice and strong institutions
- ☐ Goal 17: Partnerships for the goals

Please select the relevant National Programs from the list provided below.

- ☐ National Health Protection Scheme
- ☐ Mid-day Meal Program
- ☐ Swachh Bharat Mission
- ☐ 'Housing for All by 2022' Mission
- ☐ National Rural Drinking Water Program
- ☐ Jan Dhan Yojna
- ☐ Skill India Mission
- ☐ Make In India

- ☐ Shramew Jayate Yojna
- ☐ National Ayush Mission (NAM)
- ☐ Hriday Scheme
- ☐ Ujala Yojna
- ☐ Atal Pension Yojna
- ☐ Pradhan Mantri Swasthya Suraksha Yojana (PMSSY)
- ☐ Smart Cities Mission
- ☐ AMRUT
- ☐ UDAY
- ☐ Startup India
- ☐ Gramoday se Bharat Uday
- ☐ Pradhan Mantri Ujjwala Yojana (PMUY)
- ☐ Namami Gange
- ☐ National Supercomputing Mission
- ☐ National Mission on Interdisciplinary Cyber-Physical Systems
- ☐ National Mission on Quantum Technologies & Applications
- ☐ National Mission for Artificial Intelligence
- ☐ National Green Hydrogen Mission
- ☐ Other
- ☐ *Click here if the response above matches with the data entered in the template.*

Q2: What were the total number of projects executed?

Projects executed in a particular year would include projects started in the relevant year or completed in the relevant year. They would also include multi-year projects that may have started in a previous financial year and are on-going in the relevant year.

Please include all projects that have been undertaken either as a standalone project or those falling under particular themes or programmes.

- ☐ *Click here if the response above matches with the data entered in the template.*

Q3a: Who were the main beneficiaries of your organisation's programmes?

Select all that apply.

- ☐ Individuals
- ☐ NGOs

☐ Industry

☐ Government Departments

Q3b: Describe how each of the selected beneficiaries were impacted by the organisation's programmes.

Details

Q4: What was the total number of Atal Tinkering Labs (ATL) supported by your organisation in the form of mentorship or outreach activities to promote S&T?

Examples of outreach activities include open house exhibitions, lecture demonstrations, student delegations by schools and colleges, Science Day activities, INSPIRE camps, etc.

Number

Q5: What were the number of persons who attended skill development, entrepreneurship and innovation trainings organised by your organisation?

Examples of skill development, entrepreneurship and innovation trainings include teacher training, IT skilling, technical training that may culminate in a variety of entrepreneurial activities etc.

Number

Q6a: What were the total number of national programs (S&T symposia, conferences) organised by your organisation?

National Programs should have a minimum attendance of 50.

Number

Q6b: What were the total number of international programs (S&T symposia, conferences) organised by your organisation?

International programs should have a minimum attendance of 100 and at least 5 foreign speakers.

Number

Q7a: What was the increase in the number of permanent scientists (Scientist B/Level 10 or equivalent and above)?

The increase should be calculated as the difference in permanent scientists between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of permanent scientists and increase in the number of women permanent scientists.

i. Increase in number of permanent scientists

Number

- ii. Increase in number of women permanent scientists

☐ [Click here if the response above matches with the data entered in the template.](#)

Q7b: What was the increase in the number of contractual researchers for projects?

The increase should be calculated as the difference in contractual researchers between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of contractual researchers and increase in the number of women contractual researchers.

- i. Increase in number of contractual researchers

- ii. Increase in number of women contractual researchers

☐ [Click here if the response above matches with the data entered in the template.](#)

Q7c: What was the increase in the number of technical support staff?

The increase should be calculated as the difference in technical support staff between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of technical support staff and increase in the number of women technical support staff.

- i. Increase in number of technical support staff

- ii. Increase in number of women technical support staff

☐ [Click here if the response above matches with the data entered in the template.](#)

Q8: What were the total number of startups incubated in the premises of your organisation?

An incubated startup is a startup with access to incubator facilities like land, equipment, research support, mentoring, auxiliary/technical support such as marketing, accounting and legal help at your organisation.

Please include only those incubated startups that are present within your organisation's premises.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q9: Has your organisation set up a Section 8 company to support startups?

According to the Companies Act 2013, a Section 8 company is defined as an organisation whose objectives are to promote arts, commerce, science, research, education, sports, charity, social welfare, religion, environmental protection, or other similar activities goals. These entities utilise their profits to achieve their mission and do not distribute dividends to their shareholders.

☐ Yes

☐ No

Q10: What were the number of startups supported by your organisation through the following mechanisms?

Please do not include startups that were incubated at your organisation.

i. Training

Number

ii. Consultancy Services

Number

iii. Research Support

Number

iv. Mentorship

Number

v. Other Forms of Support

☐ [Click here if the response above matches with the data entered in the template.](#)

Q11: What were the number of deep science and deep tech startups supported by your organisation?

Deep science and deep tech startups refer to startups focusing on disruptive innovations founded on advanced scientific and technological breakthroughs.

Please include all deep science and deep tech startups that were either incubated or were supported through training, consultancy services, research support, or mentorship.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q12: What was the total number of startups incubated at your organisation that exited successfully?

Successful exits are startups that have graduated from the incubation program of the organisation under organisation's policy except those who are compulsorily retired/ removed/ terminated under the organisation's policy.

☐ *Click here if the response above matches with the data entered in the template.*

Q13: How many spin-out companies have been generated by your organisation?

Spin-out companies are startup companies that are created based on intellectual property (IP) generated through a university/lab's research.

☐ *Click here if the response above matches with the data entered in the template.*

Q14a: What were the total number of PhDs awarded by your organisation or awarded through collaboration with a University?

☐ *Click here if the response above matches with the data entered in the template.*

Q14b: What were the total number of Master's degrees awarded by your organisation or awarded through collaboration with a University?

☐ *Click here if the response above matches with the data entered in the template.*

Q14c: What were the total number of graduate degrees awarded by your organisation or awarded through collaboration with a University?

☐ *Click here if the response above matches with the data entered in the template.*

Q15: What were the total number of interns trained at your organisation in cutting edge areas such as quantum technologies, bio-engineering, green hydrogen, artificial intelligence, renewable technologies, blockchain, smart manufacturing, semiconductor technologies, high performance computing, and advanced wireless networks?

The term "interns" is used broadly here to include apprentices, summer interns, dissertation students, engineering trainees, etc.

Please provide only the number of interns trained in cutting edge areas.

Q16a: What were the total number of national awards and recognitions received by members of your organisation?

Please include only CSIR Award for S&T Innovations for Rural Development (CAIRD), CSIR Diamond Jubilee Technology Award (CDJTA), CSIR Technology Awards, National Award for the successful commercialization of Indigenous Technology, SERB Distinguished Investigator Award (DIA), SERB Women Excellence Award (WEA), Shanti Swarup Bhatnagar awardees, Padma awardees, and Infosys Prize awardees.

☐ [Click here if the response above matches with the data entered in the template.](#)
Q16b: What were the total number of national fellowships awarded to members of your organisation?

Please include only Indian National Science Academy, Indian National Academy of Engineering, National Academy of Sciences, India, Indian Academy of Sciences fellowships, J C Bose National Fellowship, Swarnajayanti Fellowships, Abdul Kalam Technology Innovation National Fellowship, SERB-Star Awardees, SERB-National Science Chair, SERB Distinguished Fellowship.

☐ [Click here if the response above matches with the data entered in the template.](#)
Q17a: What were the total number of international awards and recognitions received by the members of your organisation?

Please include only awards by EMBO, US Presidential Young Investigator Award, PMS Blackett Memorial Lecture and Jagadis Chandra Bose Memorial Lecture, Abdus Salam Medal, TWAS Prizes, TWAS-C.N.R. Rao Award for Scientific Research, TWAS-Lenovo Science Prize.

☐ [Click here if the response above matches with the data entered in the template.](#)
Q17b: What were the total number of international fellowships awarded to members of your organisation?

Please include only Fellowship of Royal Society, US National Academy of Sciences, The World Academy of Sciences.

☐ [Click here if the response above matches with the data entered in the template.](#)
Q18a: What were the number of publications in quality peer reviewed journals?

Please use Web of Science or Scopus database to report this number.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q18b: What were the number of commissioned technology development/design/ project reports prepared by your organisation?

Reports include technology trends, patent searches, patent analysis, material data sheets, test methods and reports, toxicological studies, manufacturing standards, system requirements, system architecture, system design documents, etc. commissioned by the Government of India, state governments, public sector enterprises and private sector enterprises.

Please provide the number of reports commissioned by the Government of India, state governments, public sector enterprises, private sector enterprises, and the total number of reports commissioned.

i. Total number of reports commissioned

ii. Number of reports commissioned by the Government of India

iii. Number of reports commissioned by state governments

iv. Number of reports commissioned by public sector enterprises

v. Number of reports commissioned by private sector enterprises

☐ *Click here if the response above matches with the data entered in the template.*

Q19: What was the number of citations received by papers published in the preceding three calendar years?

Please use Web of Science or Scopus database to report this number.

Q20: What was the percentage of publications in top 10% of journals as per Impact Factor by subject category?

Please use InCites or Scimago database to report this number.

Q21a: What were the total number of patent applications filed?

Domestic patent filings are patent applications that have been filed with the Indian Patent Office. International patent filings are patent applications that have been filed with the concerned international patent offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21b: What were the total number of trademark applications filed?

Domestic trademark filings are trademark applications that have been filed with the Indian Trademarks Registry. International trademark filings are trademark applications that have been filed with the concerned international trademark offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21c: What were the total number of design applications filed?

Domestic design filings are design applications that have been filed with the office of the Controller of Designs of India. International design filings are design applications that have been filed with the concerned international design offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21d: What were the total number of copyright applications filed?

Domestic copyright filings are copyright applications that have been filed with the Indian Copyright Office. International copyright filings are copyright applications that have been filed with the concerned international copyright offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ [Click here if the response above matches with the data entered in the template.](#)

Q21e: What were the total number of GI of goods applications filed?

Domestic GI of goods filings are GI of goods applications that have been filed with the Indian Geographical Indications Registry. International GI of goods filings are GI of goods applications that have been filed with the concerned international GI offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

Number

☐ Click here if the response above matches with the data entered in the template.

Q21f: What were the total number of plant varieties applications filed?

Domestic plant varieties filings are plant varieties applications that have been filed with the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties filings are plant varieties applications that have been filed with the concerned international plant varieties offices.

Please provide total, domestic, and international filings.

i. Total applications

Number

ii. Domestic applications

Number

iii. International applications

Number

☐ Click here if the response above matches with the data entered in the template.

Q21g: What were the total number of semiconductor Integrated Circuit layout applications filed?

Domestic semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the concerned international semiconductor integrated circuit layout offices.

Please provide total, domestic, and international filings.

i. Total applications

Number

ii. Domestic applications

Number

iii. International applications

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22a: What were the total number of patents granted?

Domestic patents granted are patents that have been granted by the Indian Patent Office. International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international patents granted.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22b: What were the total number of trademarks granted?

Domestic trademarks granted are trademarks that have been granted by the Indian Trademarks Registry. International trademarks granted are trademarks that have been granted by the concerned international trademark offices.

Please provide total, domestic, and international trademarks granted.

i. Total trademarks granted

Number

ii. Domestic trademarks granted

Number

iii. International trademarks granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22c: What were the total number of designs granted?

Domestic designs granted are designs that have been granted by the office of the Controller of Designs of India. International designs granted are designs that have been granted by the concerned international design offices.

Please provide total, domestic, and international designs granted.

i. Total designs granted

ii. Domestic designs granted

iii. International designs granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22d: What were the total number of copyrights granted?

Domestic copyrights granted are copyrights that have been granted by the Indian Copyright Office. International copyrights granted are copyrights that have been granted by the concerned international copyright offices.

Please provide total, domestic, and international copyrights granted.

i. Total copyrights granted

ii. Domestic copyrights granted

iii. International copyrights granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q22e: What were the total number of GI of goods granted?

Domestic GI of goods granted are GI of goods that have been granted by the Indian Geographical Indications Registry. International GI of goods granted are GI of goods that have been granted by the concerned international GI offices.

Please provide total, domestic, and international GI of goods granted.

i. Total GI of goods granted

ii. Domestic GI of goods granted

iii. International GI of goods granted

☐ [Click here if the response above matches with the data entered in the template.](#)
Q22f: What were the total number of plant varieties granted?

Domestic plant varieties granted are plant varieties that have been granted by the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties granted are plant varieties that have been granted by the concerned international plant varieties offices.

Please provide total, domestic, and international plant varieties granted.

i. Total plant varieties granted

ii. Domestic plant varieties granted

iii. International plant varieties granted

☐ [Click here if the response above matches with the data entered in the template.](#)
Q22g: What were the total number of semiconductor Integrated Circuit layouts granted?

Domestic semiconductor integrated circuit layouts granted are semiconductor integrated circuit layouts that have been granted by the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layouts granted are semiconductor integrated circuit layouts that have been granted by the concerned international semiconductor integrated circuit layout offices.

Please provide total, domestic, and international semiconductor Integrated Circuit layouts granted.

i. Total semiconductor Integrated Circuit layout applications granted

ii. Domestic semiconductor Integrated Circuit layout applications granted

iii. International semiconductor Integrated Circuit layout applications granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q23: What were the number of patents granted in the following emerging areas of technology?

Domestic patents granted are patents that have been granted by the Indian Patent Office.

International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international grants.

a) Quantum Technologies

Quantum technologies could include technologies like quantum radar, quantum computing, quantum biology, quantum cryptography, quantum devices & networks, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

b) Artificial Intelligence - Enabled Technologies

Artificial intelligence - enabled technologies could include technologies like consumer or social robots, augmented reality, virtual reality, autonomous vehicles, intelligent transportation systems, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

c) Bio-engineering Technologies

Bio-engineering technologies could include technologies like neural engineering, tissue engineering, bioinformatics, genetic engineering, clinical engineering, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

d) Sustainable Technologies

Sustainable technologies could include technologies like vertical farming, precision agriculture technologies, synthetic meat, hydroponics, electric vehicles, battery technologies, net-zero-energy buildings, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

e) Semiconductor Technologies

Semiconductor technologies could include technologies like integrated circuits, 2D and 3D chips, flexible electronics, display technologies, e-textiles, spintronics, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

f) Industrial Technologies

Industrial technologies could include technologies like smart and digital manufacturing, advanced industrial robotics, Industrial Internet of Things (IIoT), 3D printing, distributed manufacturing technologies, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

g) High Performance Computing Technologies

High performance computing technologies could include technologies like big data computing, edge computing, containerisation, intelligent computing systems, cyber security, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

h) Blockchain Technologies

Blockchain technologies could include technologies like enterprise solutions, intelligent supply-chain systems, cryptocurrencies, smart business applications like FinTech, EduTech, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

i) Data & Communications Network

Data & communications network technologies could include technologies like 5G, 6G, advanced wireless networks, communication hardwares, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24a: What were the different number of patents licensed out domestically and internationally?

The different number of patents licensed out should be calculated by summing the number of patents for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total patents licensed out

ii. Patents licensed out to domestic industry

iii. Patents licensed out to domestic academic institutions

iv. Patents licensed out to domestic research labs

v. Patents licensed out to international industry

vi. Patents licensed out to international academic institutions

vii. Patents licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24b: What were the number of non-worked patents?

A non-worked patent is one in which the claimed invention is not actively being used, manufactured, or implemented. Domestic non-worked patents are patents that have been granted by the Indian Patent Office and are not-worked. International non-worked patents are patents that have been granted by the concerned international patent offices and are not-worked.

Please provide the number of total, domestic, and international non-worked patents.

i. Total non-worked patents

ii. Domestic non-worked patents

iii. International non-worked patents

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24c: What were the different number of trademarks licensed out domestically and internationally?

The different number of trademarks licensed out should be calculated by summing the number of trademarks for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total trademarks licensed out

ii. Trademarks licensed out to domestic industry

iii. Trademarks licensed out to domestic academic institutions

iv. Trademarks licensed out to domestic research labs

v. Trademarks licensed out to international industry

vi. Trademarks licensed out to international academic institutions

vii. Trademarks licensed out to international research labs

☐ *Click here if the response above matches with the data entered in the template.*

Q24d: What were the different number of designs licensed out domestically and internationally?

The different number of designs licensed out should be calculated by summing the number of designs for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total designs licensed out

ii. Designs licensed out to domestic industry

iii. Designs licensed out to domestic academic institutions

iv. Designs licensed out to domestic research labs

v. Designs licensed out to international industry

vi. Designs licensed out to international academic institutions

vii. Designs licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24e: What were the different number of copyrights licensed out domestically and internationally?

The different number of copyrights licensed out should be calculated by summing the number of copyrights for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total copyrights licensed out

ii. Copyrights licensed out to domestic industry

iii. Copyrights licensed out to domestic academic institutions

iv. Copyrights licensed out to domestic research labs

v. Copyrights licensed out to international industry

vi. Copyrights licensed out to international academic institutions

vii. Copyrights licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24f: What were the different number of plant varieties licensed out domestically and internationally?

The different number of plant varieties licensed out should be calculated by summing the number of plant varieties for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total plant varieties licensed out

ii. Plant varieties licensed out to domestic industry

iii. Plant varieties licensed out to domestic academic institutions

iv. Plant varieties licensed out to domestic research labs

v. Plant varieties licensed out to international industry

vi. Plant varieties licensed out to international academic institutions

vii. Plant varieties licensed out to international research labs

☐ [Click here if the response above matches with the data entered in the template.](#)

Q24g: What were the different number of semiconductor Integrated Circuit layouts licensed out domestically and internationally?

The different number of semiconductor integrated circuit layouts licensed out should be calculated by summing the number of semiconductor integrated circuit layouts for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total semiconductor integrated circuit layouts licensed out

ii. Semiconductor integrated circuit layout licensed out to domestic industry

iii. Semiconductor integrated circuit layouts licensed out to domestic academic institutions

iv. Semiconductor integrated circuit layouts licensed out to domestic research labs

v. Semiconductor integrated circuit layouts licensed out to international industry

vi. Semiconductor integrated circuit layouts licensed out to international academic institutions

vii. Semiconductor integrated circuit layouts licensed out to international research labs

☐ *Click here if the response above matches with the data entered in the template.*

Q25a: What was the number of national policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q25b: What was the number of international policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q26a: What were the different number of technologies transferred domestically by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred domestically

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ [Click here if the response above matches with the data entered in the template.](#)

Q26b: What were the different number of technologies transferred internationally by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred internationally

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ [Click here if the response above matches with the data entered in the template.](#)

Q27a: What was the number of new services introduced in the market or being used by industry or research organisations including yours?

New services would include for example new digital services or testing services.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q27b: What was the number of new products introduced in the market, or being used by industry or research organisations including yours?

New products would include for example novel drugs or major instrumentation.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q28: What were the total annual earnings from government sources in the following areas?

Government sources include Government of India, state governments, and central / state public sector enterprises.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis.

- ii. Training fees, including earnings from courses and workshops.

- iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc?

Q29: What were the total annual earnings from domestic non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

- ii. Training fees, including earnings from courses and workshops

- iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc.

Q30: What were the total annual earnings from international non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

- ii. Training fees, including earnings from courses and workshops

- iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc.

Number

Q31: What was the total external research and development funding amount received from government sources?

Government sources include Government of India, State governments and CPSE / State PSE. External research and development funding does not include core support/ assistance from the organisation's own administrative Ministry/ Department.

Please report the amount in Rs. crores.

Number

Q32a: What was the total external research and development funding amount received from domestic non-government sources?

Sources could include university grants, trust grants, industry donations and project funding from industry, philanthropy, CSR.

Please report the amount in Rs. crores.

Number

Q32b: What was the total external research and development funding amount received from foreign non-government sources?

Sources could include foreign university grants, foreign trust grants, international industry donations, project funding from international industry, and foreign philanthropy.

Please report the amount in Rs. crores.

Number

Q32c: What was the total external research and development funding amount received from other non-government sources?

Sources could include bilateral partnerships between India and International bodies.

Please report the amount in Rs. crores.

Number

Q33: What was the number of international collaborative projects executed with industry?

'International collaboration' means that at least one industry has to be based overseas.

- i. International collaborative projects with only industry partners

Please provide the number of international collaborative projects executed with only industry partners.

- ii. International collaborative projects with at least one industry partner and academic institutions/ research lab partners

Please provide the number of international collaborative projects executed with both industry partners and academic institution/ research lab partners.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q34: What were the number of international collaborative projects executed with academic institutions and research labs?

'International collaboration' means that at least one partner (academic institution or research lab as applicable) has to be based overseas.

- i. Academic institutions

Please provide the number of international collaborative projects executed with only academic institution partners.

- ii. Research Labs

Please provide the number of international collaborative projects executed with only research lab partners.

- iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q35: What was the number of international academic collaborations measured by publications co-authored with other academic institutions and/or industry in other countries?

Please use Web of Science or Scopus database to report this number.

☐ [Click here if the response above matches with the data entered in the template.](#)

Q36: What was the number of national collaborative projects executed with industry?

Industry refers to both private sector enterprises and public sector enterprises.

- i. National collaborative projects with only industry partners

Please provide the number of national collaborative projects executed with only industry partners.

Number

- ii. National collaborative projects with at least one industry partner and academic institutions/ research labs

Please provide the number of national collaborative projects executed with both industry partners and academic institution/ research lab partners.

Number

- iii. National collaborative projects with central public sector enterprises

Please provide the number of national collaborative projects executed with only central public sector enterprises

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q37: What was the number of national collaborative projects executed with academic institutions and research labs?

- i. Academic institutions

Please provide the number of national collaborative projects executed with only academic institution partners.

Number

- ii. Research Labs

Please provide the number of national collaborative projects executed with only research lab partners.

Number

- iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q38: What were the number of national academic collaborations measured by publications co-authored with other academic institutions and/or industry within the country?

Please use Web of Science or Scopus database to report this number.

Number

☐ [Click here if the response above matches with the data entered in the template.](#)

Q39: List the top three new research fields/innovations/services introduced by the organisation that have had an impact on the social and economic problems of the nation.

- 1.
- 2.
- 3.

Q40: What was the percentage of permanent scientists and contractual researchers to overall staff?

Permanent scientists include Scientist B/Level 10 or equivalent and above. Contractual researchers include researchers hired for projects, JRFs, SRFs and other fellowship awardees, etc.

Percentage

☐ [Click here if the response above matches with the data entered in the template.](#)

Q41: What was the percentage of budget spent on R&D and S&T to your organisation's overall budget?

Budget spent on R&D and S&T excludes administrative expenses from the overall budget.

Percentage

Q42: What was the R&D expenditure made by your organisation on green technologies?

Green technologies may include technologies on renewable energy, waste management, sustainable packaging, etc.

Percentage

Q43: Does your organisation have procedures in place for sustainable sourcing of materials?

Sustainable sourcing of materials refers to the integration of social, ethical and environmental factors into the process of selecting suppliers for materials.

- ☐ Yes
- ☐ No

Q44: Does your organisation have procedures in place to safely reclaim waste for reusing, recycling and disposing at the end of life, for

i. E-waste

☐ Yes

☐ No

ii. Hazardous Waste

☐ Yes

☐ No

iii. Plastics (including packaging)

☐ Yes

☐ No

iv. Agricultural Waste

☐ Yes

☐ No

v. Medical Waste

☐ Yes

☐ No

vi. Industrial Waste

☐ Yes

☐ No

vii. Solid Waste

☐ Yes

☐ No

viii. Other Waste

☐ Yes

☐ No

Q45: Does your organisation have initiatives in place to promote intra-organisational collaborations?

Some examples include Faculty Talks, Retreats, Research Council Meetings, Scientific Group Meetings, Annual Research Meets etc.

☐ Yes

☐ No

Q46: Has your organisation adopted any digital technologies that would enhance R&D activities?

Digital technologies may include AI/ML, Internet of Things (IoT), advanced analytics, 3D printing, etc.

☐ Yes

☐ No
Q47: Does your organisation have necessary ethics guidelines and policies in place?
☐ Yes

☐ No
Q48: Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?
☐ Yes

☐ No
Q49: Does your organisation have a public grievance redressal cell?
☐ Yes

☐ No
Q50: Does your organisation have national accreditation/ certification for its lab procedure?
☐ Yes

☐ No
Q51: Does your organisation have international accreditation/ certification for its lab procedure?
☐ Yes

☐ No
Q52: For each of the following, how many unique entities has your organisation opened testing and research facilities to?

i. Startups

 Number

ii. Industry

 Number

iii. Researchers outside your organisation

 Number

iv. Students

Number

☐ Click here if the response above matches with the data entered in the template.

Q53: Are your organisation's R&D facilities available on the I-STEM national portal?

☐ Yes

☐ No

Q54a: Does your organisation's website follow all security protocols as mandated by the Government of India?

☐ Yes

☐ No

Q54b: Is your organisation's website differently-abled friendly?

☐ Yes

☐ No

Q55: Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

☐ Yes

☐ No

Q56: What percentage of the total scientific and research staff at your organisation are young scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs , SRFs and other fellowship awardees, etc.).

A young scientist or researcher is of age =<40 (as on 1st July (of the relevant year)).

i. Percentage of permanent young scientists

Percentage

ii. Percentage of contractual young researchers

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q57: What percentage of the total scientific and research staff at your organisation are women scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs , SRFs and other fellowship awardees, etc.).

i. Percentage of permanent women scientists

Percentage

ii. Percentage of contractual women researchers

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q58: Are the facilities at your organisation differently-abled friendly?

☐ Yes

☐ No

Q59: What percentage of the total budget of your organisation is spent on training and skill up-gradation of your staff?

Percentage

Q60a: Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

☐ Yes

☐ No

Q60b: Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

☐ Yes

☐ No

Q61: What percentage of scientists in your organisation have undergone a career development programme on an annual basis organised by the following:

Scientists includes both permanent scientists and contractual researchers

i. Parent Ministry and Department

Percentage

ii. Capacity Building Commission

Percentage

iii. International Bodies

Percentage

iv. Others

Percentage

☐ *Click here if the response above matches with the data entered in the template.*

Q62a: How many young scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ *Click here if the response above matches with the data entered in the template.*

Q62b: How many women scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ *Click here if the response above matches with the data entered in the template.*

A.3.3 Services R&D Questionnaire

Q1: What are the number of Technologies (at TRL 6 and higher) targeted towards achieving Sustainable Development Goals and National Programs?

Number

Please select the relevant SDGs from the list provided below.

- ☐ Goal 1: No poverty
- ☐ Goal 2: Zero hunger
- ☐ Goal 3: Good health and well-being
- ☐ Goal 4: Quality education
- ☐ Goal 5: Gender equality
- ☐ Goal 6: Clean water and sanitation
- ☐ Goal 7: Affordable and clean energy
- ☐ Goal 8: Decent work and economic growth
- ☐ Goal 9: Industry, innovation and infrastructure
- ☐ Goal 10: Reduced inequalities
- ☐ Goal 11: Sustainable cities and communities
- ☐ Goal 12: Responsible consumption and production
- ☐ Goal 13: Climate action
- ☐ Goal 14: Life Below Water
- ☐ Goal 15: Life on land
- ☐ Goal 16: Peace, justice and strong institutions
- ☐ Goal 17: Partnerships for the goals

Please select the relevant National Programs from the list provided below.

- ☐ National Health Protection Scheme
- ☐ Mid-day Meal Program
- ☐ Swachh Bharat Mission
- ☐ 'Housing for All by 2022' Mission

- ☐ National Rural Drinking Water Program
- ☐ Jan Dhan Yojna
- ☐ Skill India Mission
- ☐ Make In India
- ☐ Shramew Jayate Yojna
- ☐ National Ayush Mission (NAM)
- ☐ Hriday Scheme
- ☐ Ujala Yojna
- ☐ Atal Pension Yojna
- ☐ Pradhan Mantri Swasthya Suraksha Yojana (PMSSY)
- ☐ Smart Cities Mission
- ☐ AMRUT
- ☐ UDAY
- ☐ Startup India
- ☐ Gramoday se Bharat Uday
- ☐ Pradhan Mantri Ujjwala Yojana (PMUY)
- ☐ Namami Gange
- ☐ National Supercomputing Mission
- ☐ National Mission on Interdisciplinary Cyber-Physical Systems
- ☐ National Mission on Quantum Technologies & Applications
- ☐ National Mission for Artificial Intelligence
- ☐ National Green Hydrogen Mission
- ☐ Other
- ☐ [Click here if the response above matches with the data entered in the template.](#)

Q2: What were the total number of projects executed?

Projects executed in a particular year would include projects started in the relevant year or completed in the relevant year. They would also include multi-year projects that may have started in a previous financial year and are on-going in the relevant year.

Please include all projects that have been undertaken either as a standalone project or those falling under particular themes or programmes.

- ☐ [Click here if the response above matches with the data entered in the template.](#)

Q3a: Who were the main beneficiaries of your organisation's programmes?

Select all that apply.

- ☐ Individuals
- ☐ NGOs
- ☐ Industry
- ☐ Government Departments

Q3b: Describe how each of the selected beneficiaries were impacted by the organisation's programmes.

Details

Q4: How did your organisation contribute to national policy improvement?

- i. Regulation or policy that explicitly references research or work done by your organisation

Details

- ii. Number of research staff appointed to government or national committees

Number

Q5: What was the total number of Atal Tinkering Labs (ATL) supported by your organisation in the form of mentorship or outreach activities to promote S&T?

Examples of outreach activities include open house exhibitions, lecture demonstrations, student delegations by schools and colleges, Science Day activities, INSPIRE camps, etc.

Number

Q6: What were the number of persons who attended skill development, entrepreneurship and innovation trainings organised by your organisation?

Examples of skill development, entrepreneurship and innovation trainings include teacher training, IT skilling, technical training that may culminate in a variety of entrepreneurial activities etc.

Number

Q7a: What were the total number of national programs (S&T symposia, conferences) organised by your organisation?

National Programs should have a minimum attendance of 50.

Number

Q7b: What were the total number of international programs (S&T symposia, conferences) organised by your organisation?

International programs should have a minimum attendance of 100 and at least 5 foreign speakers.

Q8a: What was the increase in the number of permanent scientists (Scientist B/Level 10 or equivalent and above)?

The increase should be calculated as the difference in permanent scientists between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of permanent scientists and increase in the number of women permanent scientists.

i. Increase in number of permanent scientists

ii. Increase in number of women permanent scientists

☐ Click here if the response above matches with the data entered in the template.

Q8b: What was the increase in the number of contractual researchers for projects?

The increase should be calculated as the difference in contractual researchers between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of contractual researchers and increase in the number of women contractual researchers.

i. Increase in number of contractual researchers

ii. Increase in number of women contractual researchers

☐ Click here if the response above matches with the data entered in the template.

Q8c: What was the increase in the number of technical support staff?

The increase should be calculated as the difference in technical support staff between the reporting year and the previous year. In case there is a decrease, please respond with the decrease as a negative number.

Please provide an increase in the overall number of technical support staff and increase in the number of women technical support staff.

i. Increase in number of technical support staff

ii. Increase in number of women technical support staff

☐ Click here if the response above matches with the data entered in the template.

Q9: What were the total number of startups incubated in the premises of your organisation?

An incubated startup is a startup with access to incubator facilities like land, equipment, research support, mentoring, auxiliary/technical support such as marketing, accounting and legal help at your organisation.

Please include only those incubated startups that are present within your organisation's premises.

☐ Click here if the response above matches with the data entered in the template.

Q10: Has your organisation set up a Section 8 company to support startups?

According to the Companies Act 2013, a Section 8 company is defined as an organisation whose objectives are to promote arts, commerce, science, research, education, sports, charity, social welfare, religion, environmental protection, or other similar activities goals. These entities utilise their profits to achieve their mission and do not distribute dividends to their shareholders.

☐ Yes

☐ No

Q11: What were the number of startups supported by your organisation through the following mechanisms?

Please do not include startups that were incubated at your organisation.

i. Training

ii. Consultancy Services

iii. Research Support

iv. Mentorship

v. Other Forms of Support

☐ Click here if the response above matches with the data entered in the template.
Q12: What were the number of deep science and deep tech startups supported by your organisation?

Deep science and deep tech startups refer to startups focusing on disruptive innovations founded on advanced scientific and technological breakthroughs.

Please include all deep science and deep tech startups that were either incubated or were supported through training, consultancy services, research support, or mentorship.

☐ Click here if the response above matches with the data entered in the template.
Q13: What was the total number of startups incubated at your organisation that exited successfully?

Successful exits are startups that have graduated from the incubation program of the organisation under organisation's policy except those who are compulsorily retired/ removed/ terminated under the organisation's policy.

☐ Click here if the response above matches with the data entered in the template.
Q14: How many spin-out companies have been generated by your organisation?

Spin-out companies are startup companies that are created based on intellectual property (IP) generated through a university/lab's research.

☐ Click here if the response above matches with the data entered in the template.
Q15: What was the total number of trainings imparted by your organisation?

Examples of trainings include professional courses, teacher training, technical training, executive programmes etc.

Q16: How many skill development programmes did your organisation conduct?

Examples of courses and programmes include machinist training, IT skilling, technician training like lab technician, hardware technician etc.

Q17: How many scientists or project staff from your organisation were deputed to provide training?

Permanent scientists include Scientist B/Level 10 or equivalent and above.

Conferences and seminars are not to be included here.

Q18a: What were the total number of national awards and recognitions received by members of your organisation?

Please include only CSIR Award for S&T Innovations for Rural Development (CAIRD), CSIR Diamond Jubilee Technology Award (CDJTA), CSIR Technology Awards, National Award for the successful commercialization of Indigenous Technology, SERB Distinguished Investigator Award (DIA), SERB Women Excellence Award (WEA), Shanti Swarup Bhatnagar awardees, Padma awardees, and Infosys Prize awardees.

☐ Click here if the response above matches with the data entered in the template.

Q18b: What were the total number of national fellowships awarded to members of your organisation?

Please include only Indian National Science Academy, Indian National Academy of Engineering, National Academy of Sciences, India, Indian Academy of Sciences fellowships, J C Bose National Fellowship, Swarnajayanti Fellowships, Abdul Kalam Technology Innovation National Fellowship, SERB-Star Awardees, SERB-National Science Chair, SERB Distinguished Fellowship.

☐ Click here if the response above matches with the data entered in the template.

Q19a: What were the total number of international awards and recognitions received by the members of your organisation?

Please include only awards by EMBO, US Presidential Young Investigator Award, PMS Blackett Memorial Lecture and Jagadis Chandra Bose Memorial Lecture, Abdus Salam Medal, TWAS Prizes, TWAS-C.N.R. Rao Award for Scientific Research, TWAS-Lenovo Science Prize.

☐ Click here if the response above matches with the data entered in the template.

Q19b: What were the total number of international fellowships awarded to members of your organisation?

Please include only Fellowship of Royal Society, US National Academy of Sciences, The World Academy of Sciences.

☐ Click here if the response above matches with the data entered in the template.

Q20a: What were the number of publications in quality peer reviewed journals?

Please use Web of Science or Scopus database to report this number.

Number

☐ Click here if the response above matches with the data entered in the template.

Q20b: What were the number of commissioned technology development/design/ project reports prepared by your organisation?

Reports include technology trends, patent searches, patent analysis, material data sheets, test methods and reports, toxicological studies, manufacturing standards, system requirements, system architecture, system design documents, etc. commissioned by the Government of India, state governments, public sector enterprises and private sector enterprises.

Please provide the number of reports commissioned by the Government of India, state governments, public sector enterprises, private sector enterprises, and the total number of reports commissioned.

i. Total number of reports commissioned

Number

ii. Number of reports commissioned by the Government of India

Number

iii. Number of reports commissioned by state governments

Number

iv. Number of reports commissioned by public sector enterprises

Number

v. Number of reports commissioned by private sector enterprises

Number

☐ Click here if the response above matches with the data entered in the template.

Q21a: What was the number of national recognitions received by your organisation?

Number

☐ Click here if the response above matches with the data entered in the template.

Q21b: What was the number of international recognitions received by your organisation?

☐ Click here if the response above matches with the data entered in the template.

Q22: What were the number of reports leading to designs and products?

☐ Click here if the response above matches with the data entered in the template.

Q23a: What were the total number of patent applications filed?

Domestic patent filings are patent applications that have been filed with the Indian Patent Office. International patent filings are patent applications that have been filed with the concerned international patent offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.

Q23b: What were the total number of trademark applications filed?

Domestic trademark filings are trademark applications that have been filed with the Indian Trademarks Registry. International trademark filings are trademark applications that have been filed with the concerned international trademark offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.
Q23c: What were the total number of design applications filed?

Domestic design filings are design applications that have been filed with the office of the Controller of Designs of India. International design filings are design applications that have been filed with the concerned international design offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.
Q23d: What were the total number of copyright applications filed?

Domestic copyright filings are copyright applications that have been filed with the Indian Copyright Office. International copyright filings are copyright applications that have been filed with the concerned international copyright offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.

Q23e: What were the total number of GI of goods applications filed?

Domestic GI of goods filings are GI of goods applications that have been filed with the Indian Geographical Indications Registry. International GI of goods filings are GI of goods applications that have been filed with the concerned international GI offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.

Q23f: What were the total number of plant varieties applications filed?

Domestic plant varieties filings are plant varieties applications that have been filed with the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties filings are plant varieties applications that have been filed with the concerned international plant varieties offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐ Click here if the response above matches with the data entered in the template.

Q23g: What were the total number of semiconductor Integrated Circuit layout applications filed?

Domestic semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layout filings are semiconductor integrated circuit layout applications that have been filed with the concerned international semiconductor

integrated circuit layout offices.

Please provide total, domestic, and international filings.

i. Total applications

ii. Domestic applications

iii. International applications

☐

Click here if the response above matches with the data entered in the template.

Q24a: What were the total number of patents granted?

Domestic patents granted are patents that have been granted by the Indian Patent Office. International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international patents granted.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐

Click here if the response above matches with the data entered in the template.

Q24b: What were the total number of trademarks granted?

Domestic trademarks granted are trademarks that have been granted by the Indian Trademarks Registry. International trademarks granted are trademarks that have been granted by the concerned international trademark offices.

Please provide total, domestic, and international trademarks granted.

i. Total trademarks granted

ii. Domestic trademarks granted

iii. International trademarks granted

☐ Click here if the response above matches with the data entered in the template.

Q24c: What were the total number of designs granted?

Domestic designs granted are designs that have been granted by the office of the Controller of Designs of India. International designs granted are designs that have been granted by the concerned international design offices.

Please provide total, domestic, and international designs granted.

i. Total designs granted

ii. Domestic designs granted

iii. International designs granted

☐ Click here if the response above matches with the data entered in the template.

Q24d: What were the total number of copyrights granted?

Domestic copyrights granted are copyrights that have been granted by the Indian Copyright Office. International copyrights granted are copyrights that have been granted by the concerned international copyright offices.

Please provide total, domestic, and international copyrights granted.

i. Total copyrights granted

ii. Domestic copyrights granted

iii. International copyrights granted

☐ Click here if the response above matches with the data entered in the template.

Q24e: What were the total number of GI of goods granted?

Domestic GI of goods granted are GI of goods that have been granted by the Indian Geographical Indications Registry. International GI of goods granted are GI of goods that have been granted by the concerned international GI offices.

Please provide total, domestic, and international GI of goods granted.

i. Total GI of goods granted

Number

ii. Domestic GI of goods granted

Number

iii. International GI of goods granted

Number

☐ Click here if the response above matches with the data entered in the template.

Q24f: What were the total number of plant varieties granted?

Domestic plant varieties granted are plant varieties that have been granted by the Indian Protection of Plant Varieties and Farmers' Rights Authority. International plant varieties granted are plant varieties that have been granted by the concerned international plant varieties offices.

Please provide total, domestic, and international plant varieties granted.

i. Total plant varieties granted

Number

ii. Domestic plant varieties granted

Number

iii. International plant varieties granted

Number

☐ Click here if the response above matches with the data entered in the template.

Q24g: What were the total number of semiconductor Integrated Circuit layouts granted?

Domestic semiconductor integrated circuit layouts granted are semiconductor integrated circuit layouts that have been granted by the Indian Semiconductor Integrated Circuits Layout Design Registry. International semiconductor integrated circuit layouts granted are semiconductor

integrated circuit layouts that have been granted by the concerned international semiconductor integrated circuit layout offices.

Please provide total, domestic, and international semiconductor Integrated Circuit layouts granted.

i. Total semiconductor Integrated Circuit layout applications granted

ii. Domestic semiconductor Integrated Circuit layout applications granted

iii. International semiconductor Integrated Circuit layout applications granted

☐ Click here if the response above matches with the data entered in the template.

Q25: What were the number of patents granted in the following emerging areas of technology?

Domestic patents granted are patents that have been granted by the Indian Patent Office.

International patents granted are patents that have been granted by the concerned international patent offices.

Please provide total, domestic, and international grants.

a) Quantum Technologies

Quantum technologies could include technologies like quantum radar, quantum computing, quantum biology, quantum cryptography, quantum devices & networks, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

b) Artificial Intelligence - Enabled Technologies

Artificial intelligence - enabled technologies could include technologies like consumer or social robots, augmented reality, virtual reality, autonomous vehicles, intelligent transportation systems, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

c) Bio-engineering Technologies

Bio-engineering technologies could include technologies like neural engineering, tissue engineering, bioinformatics, genetic engineering, clinical engineering, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

d) Sustainable Technologies

Sustainable technologies could include technologies like vertical farming, precision agriculture technologies, synthetic meat, hydroponics, electric vehicles, battery technologies, net-zero-energy buildings, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

e) Semiconductor Technologies

Semiconductor technologies could include technologies like integrated circuits, 2D and 3D chips, flexible electronics, display technologies, e-textiles, spintronics, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ Click here if the response above matches with the data entered in the template.

f) Industrial Technologies

Industrial technologies could include technologies like smart and digital manufacturing, advanced industrial robotics, Industrial Internet of Things (IIoT), 3D printing, distributed manufacturing technologies, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

Number

☐ Click here if the response above matches with the data entered in the template.

g) High Performance Computing Technologies

High performance computing technologies could include technologies like big data computing, edge computing, containerisation, intelligent computing systems, cyber security, etc.

i. Total patents granted

Number

ii. Domestic patents granted

Number

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

h) Blockchain Technologies

Blockchain technologies could include technologies like enterprise solutions, intelligent supply-chain systems, cryptocurrencies, smart business applications like FinTech, EduTech, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

i) Data & Communications Network

Data & communications network technologies could include technologies like 5G, 6G, advanced wireless networks, communication hardwares, etc.

i. Total patents granted

ii. Domestic patents granted

iii. International patents granted

☐ Click here if the response above matches with the data entered in the template.

Q26a: What were the different number of patents licensed out domestically and internationally?

The different number of patents licensed out should be calculated by summing the number of patents for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total patents licensed out

ii. Patents licensed out to domestic industry

iii. Patents licensed out to domestic academic institutions

iv. Patents licensed out to domestic research labs

v. Patents licensed out to international industry

vi. Patents licensed out to international academic institutions

vii. Patents licensed out to international research labs

☐ Click here if the response above matches with the data entered in the template.

Q26b: What were the number of non-worked patents?

A non-worked patent is one in which the claimed invention is not actively being used, manufactured, or implemented. Domestic non-worked patents are patents that have been granted by the Indian Patent Office and are not-worked. International non-worked patents are patents that have been granted by the concerned international patent offices and are not-worked.

Please provide the number of total, domestic, and international non-worked patents.

i. Total non-worked patents

ii. Domestic non-worked patents

iii. International non-worked patents

☐ Click here if the response above matches with the data entered in the template.

Q26c: What were the different number of trademarks licensed out domestically and internationally?

The different number of trademarks licensed out should be calculated by summing the number of trademarks for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total trademarks licensed out

Number

ii. Trademarks licensed out to domestic industry

Number

iii. Trademarks licensed out to domestic academic institutions

Number

iv. Trademarks licensed out to domestic research labs

Number

v. Trademarks licensed out to international industry

Number

vi. Trademarks licensed out to international academic institutions

Number

vii. Trademarks licensed out to international research labs

Number

☐ Click here if the response above matches with the data entered in the template.

Q26d: What were the different number of designs licensed out domestically and internationally?

The different number of designs licensed out should be calculated by summing the number of designs for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total designs licensed out

ii. Designs licensed out to domestic industry

iii. Designs licensed out to domestic academic institutions

iv. Designs licensed out to domestic research labs

v. Designs licensed out to international industry

vi. Designs licensed out to international academic institutions

vii. Designs licensed out to international research labs

☐ Click here if the response above matches with the data entered in the template.

Q26e: What were the different number of copyrights licensed out domestically and internationally?

The different number of copyrights licensed out should be calculated by summing the number of copyrights for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total copyrights licensed out

ii. Copyrights licensed out to domestic industry

iii. Copyrights licensed out to domestic academic institutions

iv. Copyrights licensed out to domestic research labs

v. Copyrights licensed out to international industry

vi. Copyrights licensed out to international academic institutions

vii. Copyrights licensed out to international research labs

☐ Click here if the response above matches with the data entered in the template.

Q26f: What were the different number of plant varieties licensed out domestically and internationally?

The different number of plant varieties licensed out should be calculated by summing the number of plant varieties for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total plant varieties licensed out

ii. Plant varieties licensed out to domestic industry

iii. Plant varieties licensed out to domestic academic institutions

iv. Plant varieties licensed out to domestic research labs

v. Plant varieties licensed out to international industry

vi. Plant varieties licensed out to international academic institutions

vii. Plant varieties licensed out to international research labs

Number

☐ Click here if the response above matches with the data entered in the template.

Q26g: What were the different number of semiconductor Integrated Circuit layouts licensed out domestically and internationally?

The different number of semiconductor integrated circuit layouts licensed out should be calculated by summing the number of semiconductor integrated circuit layouts for which at least one licence has been given out.

Industry refers to both private sector enterprises and public sector enterprises. Academic institutions refers to both public and private educational institutions. Research labs refer to publicly funded research and development organisations.

i. Total semiconductor integrated circuit layouts licensed out

Number

ii. Semiconductor integrated circuit layout licensed out to domestic industry

Number

iii. Semiconductor integrated circuit layouts licensed out to domestic academic institutions

Number

iv. Semiconductor integrated circuit layouts licensed out to domestic research labs

Number

v. Semiconductor integrated circuit layouts licensed out to international industry

Number

vi. Semiconductor integrated circuit layouts licensed out to international academic institutions

Number

vii. Semiconductor integrated circuit layouts licensed out to international research labs

Number

☐ Click here if the response above matches with the data entered in the template.

Q27a: What was the number of national policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q27b: What was the number of international policies, regulations and standards finalised during the year to which the organisation had made a contribution so acknowledged in the approved documents that focused on:

i. Green Technologies

ii. Healthcare

iii. Quantum Technologies

iv. Artificial Intelligence

v. Food Security

vi. Others

Q28a: What were the different number of technologies transferred domestically by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred domestically

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ Click here if the response above matches with the data entered in the template.

Q28b: What were the different number of technologies transferred internationally by your organisation?

The different number of technologies transferred should be calculated by summing the number of technologies which have been transferred at least once through licensing, direct sale, or transfer for use at cost or free of cost.

i. Total number of technologies transferred internationally

ii. Number of technologies transferred through direct sale

iii. Number of technologies transferred for use at cost or free of cost

☐ Click here if the response above matches with the data entered in the template.

Q29a: What was the number of new services introduced in the market or being used by industry or research organisations including yours?

New services would include for example new digital services or testing services.

☐ Click here if the response above matches with the data entered in the template.

Q29b: What was the number of new products introduced in the market, or being used by industry or research organisations including yours?

New products would include for example novel drugs or major instrumentation.

Number

☐ Click here if the response above matches with the data entered in the template.

Q30: What were the total annual earnings from government sources in the following areas?

Government sources include Government of India, state governments, and central / state public sector enterprises.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis.

Number

- ii. Training fees, including earnings from courses and workshops.

Number

- iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc?

Number

Q31: What were the total annual earnings from domestic non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

Number

- ii. Training fees, including earnings from courses and workshops

Number

- iii. Technology transfer, including earnings from product commercialisation, sale of books/publications, and licensing of patents, trademarks, etc.

Number

Q32: What were the total annual earnings from international non- government sources in the following areas?

Non-government sources may include industry, startups, academic institutions, not-for-profit organisations, etc.

Please report all amounts in Rs. crores.

- i. Consultancy fees, including earnings from contract research, testing and analysis

Number

- ii. Training fees, including earnings from courses and workshops

Number

- iii. Technology transfer, including earnings from product commercialisation, sale of books/ publications, and licensing of patents, trademarks, etc.

Number

Q33: What was the total external research and development funding amount received from government sources?

Government sources include Government of India, State governments and CPSE / State PSE. External research and development funding does not include core support/ assistance from the organisation's own administrative Ministry/ Department.

Please report the amount in Rs. crores.

Number

Q34a: What was the total external research and development funding amount received from domestic non-government sources?

Sources could include university grants, trust grants, industry donations and project funding from industry, philanthropy, CSR.

Please report the amount in Rs. crores.

Number

Q34b: What was the total external research and development funding amount received from foreign non-government sources?

Sources could include foreign university grants, foreign trust grants, international industry donations, project funding from international industry, and foreign philanthropy.

Please report the amount in Rs. crores.

Number

Q34c: What was the total external research and development funding amount received from other non-government sources?

Sources could include bilateral partnerships between India and International bodies.

Please report the amount in Rs. crores.

Q35: What was the number of international collaborative projects executed with industry?

'International collaboration' means that at least one industry has to be based overseas.

- i. International collaborative projects with only industry partners

Please provide the number of international collaborative projects executed with only industry partners.

- ii. International collaborative projects with at least one industry partner and academic institutions/ research lab partners

Please provide the number of international collaborative projects executed with both industry partners and academic institution/ research lab partners.

☐ Click here if the response above matches with the data entered in the template.

Q36: What were the number of international collaborative projects executed with academic institutions and research labs?

'International collaboration' means that at least one partner (academic institution or research lab as applicable) has to be based overseas.

- i. Academic institutions

Please provide the number of international collaborative projects executed with only academic institution partners.

- ii. Research Labs

Please provide the number of international collaborative projects executed with only research lab partners.

iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

☐ Click here if the response above matches with the data entered in the template.

Q37: What was the number of international academic collaborations measured by publications co-authored with other academic institutions and/or industry in other countries?

Please use Web of Science or Scopus database to report this number.

☐ Click here if the response above matches with the data entered in the template.

Q38: What was the number of national collaborative projects executed with industry?

Industry refers to both private sector enterprises and public sector enterprises.

i. National collaborative projects with only industry partners

Please provide the number of national collaborative projects executed with only industry partners.

ii. National collaborative projects with at least one industry partner and academic institutions/ research labs

Please provide the number of national collaborative projects executed with both industry partners and academic institution/ research lab partners.

iii. National collaborative projects with central public sector enterprises

Please provide the number of national collaborative projects executed with only central public sector enterprises

☐ Click here if the response above matches with the data entered in the template.

Q39: What was the number of national collaborative projects executed with academic institutions and research labs?

i. Academic institutions

Please provide the number of national collaborative projects executed with only academic institution partners.

ii. Research Labs

Please provide the number of national collaborative projects executed with only research lab partners.

iii. Academic Institutions and Research Labs

Please provide the number of international collaborative projects executed with both academic institution partners and research lab partners.

☐ Click here if the response above matches with the data entered in the template.

Q40: What were the number of national academic collaborations measured by publications co-authored with other academic institutions and/or industry within the country?

Please use Web of Science or Scopus database to report this number.

☐ Click here if the response above matches with the data entered in the template.

Q41: List the top three new research fields/innovations/services introduced by the organisation that have had an impact on the social and economic problems of the nation.

1.

2.

3.

Q42: What was the percentage of permanent scientists and contractual researchers to overall staff?

Permanent scientists include Scientist B/Level 10 or equivalent and above. Contractual researchers include researchers hired for projects, JRFs, SRFs and other fellowship awardees, etc.

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q43: What was the percentage of budget spent on R&D and S&T to your organisation's overall budget?

Budget spent on R&D and S&T excludes administrative expenses from the overall budget.

Percentage

Q44: What was the R&D expenditure made by your organisation on green technologies?

Green technologies may include technologies on renewable energy, waste management, sustainable packaging, etc.

Percentage

Q45: Does your organisation have procedures in place for sustainable sourcing of materials?

Sustainable sourcing of materials refers to the integration of social, ethical and environmental factors into the process of selecting suppliers for materials.

☐ Yes

☐ No

Q46: Does your organisation have procedures in place to safely reclaim waste for reusing, recycling and disposing at the end of life, for

i. E-waste

☐ Yes

☐ No

ii. Hazardous Waste

☐ Yes

☐ No

iii. Plastics (including packaging)

☐ Yes

☐ No

iv. Agricultural Waste

☐ Yes

☐ No

v. Medical Waste

☐ Yes

☐ No

vi. Industrial Waste

☐ Yes

☐ No

vii. Solid Waste

☐ Yes

☐ No

viii. Other Waste

☐ Yes

☐ No

Q47: Does your organisation have initiatives in place to promote intra-organisational collaborations?

Some examples include Faculty Talks, Retreats, Research Council Meetings, Scientific Group Meetings, Annual Research Meets etc.

☐ Yes

☐ No

Q48: Has your organisation adopted any digital technologies that would enhance R&D activities?

Digital technologies may include AI/ML, Internet of Things (IoT), advanced analytics, 3D printing, etc.

☐ Yes

☐ No

Q49: Does your organisation have necessary ethics guidelines and policies in place?

☐ Yes

☐ No

Q50: Does your organisation have a sexual harassment mitigation cell with requisite policies and procedures?

☐ Yes

☐ No

Q51: Does your organisation have a public grievance redressal cell?

☐ Yes

☐ No

Q52: Does your organisation have national accreditation/ certification for its lab procedure?

☐ Yes

☐ No

Q53: Does your organisation have international accreditation/ certification for its lab procedure?

☐ Yes

☐ No

Q54: For each of the following, how many unique entities has your organisation opened testing and research facilities to?

i. Startups

Number

ii. Industry

Number

iii. Researchers outside your organisation

Number

iv. Students

Number

☐ Click here if the response above matches with the data entered in the template.

Q55: Are your organisation's R&D facilities available on the I-STEM national portal?

☐ Yes

☐ No

Q56a: Does your organisation's website follow all security protocols as mandated by the Government of India?

☐ Yes

☐ No

Q56b: Is your organisation's website differently-abled friendly?

☐ Yes

☐ No

Q57: Does your organisation have an EDI (Equity, Diversity & Inclusion) cell?

☐ Yes

☐ No

Q58: What percentage of the total scientific and research staff at your organisation are young scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs , SRFs and other fellowship awardees, etc.).

A young scientist or researcher is of age ≤ 40 (as on 1st July (of the relevant year)).

- i. Percentage of permanent young scientists

Percentage

- ii. Percentage of contractual young researchers

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q59: What percentage of the total scientific and research staff at your organisation are women scientists and researchers?

Scientists and researchers include permanent scientists (Scientist B/Level 10 or equivalent and above) and contractual researchers (researchers hired for projects, JRFs, SRFs and other fellowship awardees, etc.).

- i. Percentage of permanent women scientists

Percentage

- ii. Percentage of contractual women researchers

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q60: Are the facilities at your organisation differently-abled friendly?

☐ Yes

☐ No

Q61: What percentage of the total budget of your organisation is spent on training and skill up-gradation of your staff?

Percentage

Q62a: Do you have a structured career progression plan (career growth through promotion) for your non-scientific staff?

☐ Yes

☐ No

Q62b: Do you have a structured career progression plan (career growth through promotion) for your scientific staff?

☐ Yes

☐ No

Q63: What percentage of scientists in your organisation have undergone a career development programme on an annual basis organised by the following:

Scientists includes both permanent scientists and contractual researchers

- i. Parent Ministry and Department

Percentage

ii. Capacity Building Commission

Percentage

iii. International Bodies

Percentage

iv. Others

Percentage

☐ Click here if the response above matches with the data entered in the template.

Q64a: How many young scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ Click here if the response above matches with the data entered in the template.

Q64b: How many women scientists and researchers have been supported by your organisations for conferences, further training, sabbaticals, etc?

Number

☐ Click here if the response above matches with the data entered in the template.

Appendix A.4

TEMPLATES FOR SUPPORTING DOCUMENTS

Technologies and SDGs

Add rows if required.

Please first select the type of lab from the dropdown. Then please select the relevant reporting year, TRL, upto two SDGs, and upto two national programmes from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.

Type of lab							
Year	S. No.	Name of Technology	TRL of the technology	Relevant SDGs		Relevant National Programmes	

Summary of Responses

2021-22						2022-23					
Number of Technologies						Number of Technologies					
TRL 0-4		TRL 5 and higher		TRL 6 and higher		TRL 0-4		TRL 5 and higher		TRL 6 and higher	
Relevant SDGs	Relevant National Programmes	Relevant SDGs	Relevant National Programmes	Relevant SDGs	Relevant National Programmes	Relevant SDGs	Relevant National Programmes	Relevant SDGs	Relevant National Programmes	Relevant SDGs	Relevant National Programmes

Projects Executed

Summary of Responses

2021-22										
Total number of projects										
0										
International					National					
Project Collaborations with Industry		Project Collaborations with Academic Institutions/ Research Labs			Project Collaborations with Industry			Project Collaborations with Academic Institutions/ Research Labs		
Projects with only industry partners	Projects with at least one industry partner and academic institutions/ research lab partners	Projects with only academic institution partners	Projects with only research lab partners	Projects with both academic institution and research lab partners	Projects with only industry partners	Projects with at least one industry partner and academic institutions/ research lab partners	Projects with central public sector enterprises	Projects with only academic institution partners	Projects with only research lab partners	Projects with both academic institution and research lab partners
0	0	0	0	0	0	0	0	0	0	0

2022-23										
Total number of projects										
0										
International					National					
Project Collaborations with Industry		Project Collaborations with Academic Institutions/ Research Labs			Project Collaborations with Industry			Project Collaborations with Academic Institutions/ Research Labs		
Projects with only industry partners	Projects with at least one industry partner and academic institutions/ research lab partners	Projects with only academic institution partners	Projects with only research lab partners	Projects with both academic institution and research lab partners	Projects with only industry partners	Projects with at least one industry partner and academic institutions/ research lab partners	Projects with central public sector enterprises	Projects with only academic institution partners	Projects with only research lab partners	Projects with both academic institution and research lab partners
0	0	0	0	0	0	0	0	0	0	0

Workforce

Summary of Responses

Please refer to the summary of responses table while filling the questionnaire.									
Year	Total staff at laboratory (includes permanent scientists, contractual researchers, technical support staff, admin staff)	No. of staff engaged in research and development activities							
		Number of permanent scientists (Scientist B/Level 10 or equivalent and above) (A)		Number of contractual researchers for projects (B)		Number of technical support staff (C)		Number of young scientists and researchers (age<40) (within categories A and B)	
		Male	Female	Male	Female	Male	Female	Permanent (Category A)	Contractual (Category B)
2020-21									
2021-22									
2022-23									

Summary of Responses

2021-22										
Increase in Permanent Scientists	Increase in Women Permanent Scientists	Increase in Contractual Researchers	Increase in Women Contractual Researchers	Increase in Technical Support Staff	Increase in Women Technical Support Staff	Percentage of Permanent Scientist and Contractual Researchers to Overall Staff	Percentage of Permanent Young Scientists	Percentage of Contractual Young Researchers	Percentage of Permanent Women Scientists	Percentage of Contractual Woman Researchers
0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

2022-23										
Increase in Permanent Scientists	Increase in Women Permanent Scientists	Increase in Contractual Researchers	Increase in Women Contractual Researchers	Increase in Technical Support Staff	Increase in Women Technical Support Staff	Percentage of Permanent Scientist and Contractual Researchers to Overall Staff	Percentage of Permanent Young Scientists	Percentage of Contractual Young Researchers	Percentage of Permanent Women Scientists	Percentage of Contractual Woman Researchers
0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

Startup Support and Exit

Add rows if required.

Please first fill in the details of startups supported by your organisation and then the name of the startups successfully exited. Please select the relevant reporting year, type of support provided to startups, type of startup, and the focus area of the startup from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.

Year	S. No.	Name of the startups supported	Type of support	Type of startup	Focus area of startup	Name of the startups exited

Summary of Responses

2021-22							
Number of Startups Incubated	Number of Startups Supported					Number of Deep Tech or Deep Science Startups Supported	Number of Startups Exited
	Training	Consultancy Services	Research Support	Mentorship	Other		
0	0	0	0	0	0	0	0

2022-23							
Number of Startups Incubated	Number of Startups Supported					Number of Deep Tech or Deep Science Startups Supported	Number of Startups Exited
	Training	Consultancy Services	Research Support	Mentorship	Other		
0	0	0	0	0	0	0	0

2021-22				2022-23			
Number of Spin-outs				Number of Spin-outs			
0				0			

Spinouts

List of Spinouts				
Add rows if required. Please select the relevant reporting year, type of spinout, and the focus area of spinouts from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.				
Year	S. No.	Name of Spinout	Type of Spinout	Focus Area of Spinout

Human resources generated

HUMAN RESOURCES GENERATED							
Add rows if required. Please select the relevant reporting year from the dropdown. Please refer to the summary of responses table while filling the questionnaire.							
Year	S. No.	PhDs awarded		Masters degrees awarded		Graduate degrees awarded	
		Number of awardees	Discipline	Number of awardees	Discipline	Number of awardees	Discipline

SUMMARY OF RESPONSE					
2021-22			2022-23		
Total Number of PhDs awarded	Total Number of Master's degrees awarded	Total Number of Graduate degrees awarded	Total Number of PhDs awarded	Total Number of Master's degrees awarded	Total Number of Graduate degrees awarded
0	0	0	0	0	0

Awards and Fellowships

AWARDS AND FELLOWSHIPS							
Add rows if required. Please select the relevant reporting year and the award/fellowship from the dropdowns. Please note that NA refers to National Awards, NF to National Fellowships, IA to International Awards, and IF to International Fellowships. Please refer to the summary of responses table while filling the questionnaire.							
Year	S. No.	Name of the recipient				Award/ Fellowship	

SUMMARY OF RESPONSES							
2021-22				2022-23			
Number of National Awards	Number of National Fellowships	Number of International Awards	Number of International Fellowships	Number of National Awards	Number of National Fellowships	Number of International Awards	Number of International Fellowships
0	0	0	0	0	0	0	0

Publications

PUBLICATIONS							
Add rows if required. Please list of publications in quality peer reviewed journals as per Web of Science or Scopus only. Select one first from the dropdown below. Then please select the relevant reporting year, whether the publication was a collaboration, and if yes if the collaboration was national or international from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.							
Web of Science/ Scopus							
Year	S. No.	Title	Authors	Journal Name	Subject Area	Whether a collaboration with Academic Institution/ Research Labs/ Industry?	
						Yes/No	If Yes, enter National/ International?

SUMMARY OF RESPONSES					
2021			2022		
Number of Publications	Number of national academic collaborations	Number of international academic collaborations	Number of Publications	Number of national academic collaborations	Number of international academic collaborations
0	0	0	0	0	0

Commissioned Technical Reports

COMMISSIONED TECHNICAL REPORTS					
Add rows if required. Reports include technology trends, patent searches, patent analysis, toxicological studies, material data sheets, test methods and reports, manufacturing standards, system requirements, system architecture, system design documents etc commissioned by the Government of India, State Governments, Public Sector Enterprises and Private Sector Enterprises. Please select the relevant reporting year and who commissioned the report from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.					
Year	S. No.	Title of the report	Subject area	Commissioned by (Government of India/ State Governments/ Public Sector Enterprises/ Private Sector Enterprises)	Date of submission

SUMMARY OF RESPONSES.							
2021-22				2022-23			
Number of Reports				Number of Reports			
0				0			
Commissioned by				Commissioned by			
Government of India	State Governments	Public Sector Enterprises	Private Sector Enterprises	Government of India	State Governments	Public Sector Enterprises	Private Sector Enterprises
0	0	0	0	0	0	0	0

Recognitions

RECOGNITIONS					
Add rows if required. Please select the relevant reporting year and if the recognition is national or international from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.					
Year	S. No.	National/ International	Name of recognition	Awarding authority	Value of award (if monetary)

SUMMARY OF RESPONSES			
2021-22		2022-23	
Number of National Recognitions	Number of International Recognitions	Number of National Recognitions	Number of International Recognitions
0	0	0	0

Reports leading to designs and products

REPORTS LEADING TO DESIGNS AND PRODUCTS						
Add rows if required. Please select the relevant reporting year from the dropdown. Please refer to the summary of responses table while filling the questionnaire.						
Year	S. No.	Title of the report	Subject Area	Details of design/product	Commissioned by	Date of submission

SUMMARY OF RESPONSES	
2021-22	2022-23
Number of Reports	Number of Reports
0	0

IPRs FILED						
Add rows if required. Please select the relevant reporting year, the IPR category, and whether the IP is domestic or international from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.						
Year	S. No.	IPR Category	Title of Invention	IPR No.	Whether Domestic/ International Application	If International, Enter Country

Reports leading to designs and products

SUMMARY OF RESPONSES													
2021-22													
Number of Patent Applications		Number of Trademark Applications		Number of Design Applications		Number of Copyright Applications		Number of GI of Goods Applications		Number of Plant Varieties Applications		Number of Semiconductor Integrated Circuit Layout Applications	
0		0		0		0		0		0		0	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF RESPONSES													
2022-23													
Number of Patent Applications		Number of Trademark Applications		Number of Design Applications		Number of Copyright Applications		Number of GI of Goods Applications		Number of Plant Varieties Applications		Number of Semiconductor Integrated Circuit Layout Applications	
0		0		0		0		0		0		0	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0

IPRs Granted							
Add rows if required.							
Please select the relevant reporting year, IPR category, technology area of patent, and whether the IP is domestic or international from the dropdowns.							
Please refer to the summary of responses tables while filling the questionnaire.							
Year	S. No.	IPR category	Title of Invention	IPR No.	If Patent, select technology area: (Please see list beside the summary of responses to understand categories)	Whether Domestic/ International	If International, enter country

SUMMARY OF RESPONSES													
2021-22													
Number of Patents		Number of Trademarks		Number of Designs		Number of Copyright		Number of GI of Goods		Number of Plant Varieties		Number of Semi conductor integrated circuit layout-design	
0		0		0		0		0		0		0	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF RESPONSES													
2022-23													
Number of Patents		Number of Trademarks		Number of Designs		Number of Copyright		Number of GI of Goods		Number of Plant Varieties		Number of Semi conductor integrated circuit layout-design	
0		0		0		0		0		0		0	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF RESPONSES															
2021-22															
PATENTS IN EMERGING TECHNOLOGY AREAS															
Quantum Technology		Artificial Intelligence		Bio-engineering technology		Green Technologies		Semiconductor Technologies		Industrial Technologies		High Performance Computing		Blockchain	
0		0		0		0		0		0		0		0	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF RESPONSES															
2022-23															
PATENTS IN EMERGING TECHNOLOGY AREAS															
Quantum Technology	Artificial Intelligence		Bio-engineering technology		Green Technologies		Semiconductor Technologies		Industrial Technologies		High Performance Computing		Blockchain		Data & Communications Network
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Category	Technologies Included
Quantum Technologies	Quantum Radar, Quantum Computing, Quantum Biology, Quantum Cryptography, Quantum Devices & Networks, etc
Artificial Intelligence	Consumer/Social Robots, Augmented/Virtual Reality, AI Applications for Society/Economy, Autonomous Vehicles, Intelligent Transportation Systems, etc
Bio-engineering Technologies	Neural Engineering, Tissue Engineering, Bioinformatics, Genetic Engineering, Clinical Engineering, etc
Green Technologies	Vertical Farming, Precision Agriculture Technologies, Synthetic Meat, Hydroponics, Electric Vehicles, Battery Technologies, Net-Zero-Energy Buildings, etc
Semiconductor Technologies	2D/3D Integrated Chips, Flexible Electronics, Display Technologies, E-textiles, Spintronics, etc
Industrial Technologies	Smart and Digital Manufacturing, Advanced Industrial Robotics, Industrial Internet of Things (IIoT), 3D Printing, Distributed Manufacturing Technologies, etc
High Performance Computing	Big Data Computing, Edge Computing, Containerization, Intelligent Computing Systems, Cyber Security, etc
Blockchain	Enterprise Solutions, Intelligent Supply Chain Systems, Cryptocurrencies, Smart Business Applications, etc
Data & Communications Network	5G/6G and beyond, Advanced Wireless Networks, Communication Hardwares

Technology Transfer

TECHNOLOGY TRANSFER									
Add rows if required.									
Please select the relevant reporting year, type of technology transfer, IPR category, who the technology is transferred to, and whether it was transferred domestically or internationally from the dropdowns.									
Please refer to the summary of responses table while filling the questionnaire.									
Year	S. No.	Type of transfer (enter from the list mentioned below)	IPR category for licensing (enter from the list mentioned below)	Name of Technology	IPR No.	Number of times transferred	Transferred to: Academic Institution/ Research Labs/ Industry	Transferred: Domestic/ International	Amount Received (Rs. in total)

SUMMARY OF RESPONSES																									
2021-22																									
Total Patents Licensed				Total Trademarks Licensed				Total Designs Licensed				Total Copyrights Licensed				Total Plant Varieties Licensed				Total Semiconductor Integrated Circuit Layout Designs Licensed				Total number of technologies transferred	
0				0				0				0				0				0				Domestic	Internationally
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	0	0
Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Direct Sale	Free of Cost/ Usual cost
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUMMARY OF RESPONSES																											
2022-23																											
Total Patents Licensed				Total Trademarks Licensed				Total Designs Licensed				Total Copyrights Licensed				Total Plant Varieties Licensed				Total Semiconductor Integrated Circuit Layout Designs Licensed				Total number of technologies transferred			
0				0				0				0				0				0				Domestic		Internationally	
Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	Domestic	International	0	0	0	0
Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Academic	Research	Direct Sale	Free of cost/Use at cost	Direct Sale	Free of cost/Use at cost
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Non-Worked Patents

List of Patents Not Worked					
Add rows if required.					
Please select the relevant reporting year and whether the patent is domestic or international from the dropdowns.					
Please refer to the summary of responses table while filling the questionnaire.					
Year	S. No.	Name of Technology	IPR No.	Whether Domestic/ International Patent	Reason for not working of patent

SUMMARY OF RESPONSES			
2021-22		2022-23	
Number of non-worked patents		Number of non-worked patents	
0		0	
Domestic	International	Domestic	International
0	0	0	0

New services and products

NEW SERVICES AND PRODUCTS					
Add rows if required.					
Please select the relevant reporting year, whether service or product, and where it was introduced from the dropdowns.					
Please refer to the summary of responses table while filling the questionnaire.					
Year	S. No.	Service/ Product	Name of Service/ Product	Introduced in the market/ being used by Industry/ Other laboratories/ Own laboratory	Commercial value (if any)

SUMMARY OF RESPONSES			
2021-22		2022-23	
Number of Services	Number of Products	Number of Services	Number of Products
0	0	0	0

Open Research and Testing Facilities

OPEN RESEARCH AND TESTING FACILITIES						
Add rows if required. Please select the relevant reporting year and the category from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.						
Year	S. No.	Name	Category	If Researcher Outside Your Organisation, please enter Organisation name of the researcher	Country	Duration (dd/mm/yyyy - dd/mm/yyyy)

SUMMARY OF RESPONSES							
2021-22				2022-23			
Startup	Industry	Researcher Outside Your Organisation	Student	Startup	Industry	Researcher Outside Your Organisation	Student
0	0	0	0	0	0	0	0

Career Development Programmes

CAREER DEVELOPMENT PROGRAMMES		
Add rows if required. Permanent scientists and contractual researchers undergone a career development programme on an annual basis. Please first fill in the number of permanent and contractual researchers for the two relevant reporting years. Then select the relevant reporting year, and the organiser of the career development programme from the dropdowns. Please refer to the summary of responses table while filling the questionnaire.		
Year	Number of permanent scientists (Scientist B/Level 10 or equivalent and above) (A)	Number of contractual researchers for projects (B)
2021-22		
2022-23		

Year	Name of the Scientist	Organised by

SUMMARY OF RESPONSES							
2021-22				2022-23			
Parent Ministry and Department	Capacity Building Commission	International Bodies	Others	Parent Ministry and Department	Capacity Building Commission	International Bodies	Others
0	0	0	0	0	0	0	0

Support to Researchers

SUPPORT TO RESEARCHERS				
<p>Add rows if required</p> <p>List the young researchers and women researchers supported for conferences, sabbaticals, etc.</p> <p>Please select the relevant reporting year, whether the researcher is a young researcher or a women researcher, and what the researcher was supported for from the dropdowns.</p> <p>Please refer to the summary of responses table while filling the questionnaire.</p>				
Year	S. No.	Name of Researcher	Young Researcher/ Women Researcher	Supported for

SUMMARY OF RESPONSES			
2021-22		2022-23	
Number of Young Scientist	Number of Women Scientists	Number of Young Scientist	Number of Women Scientists
0	0	0	0

Appendix A.5 List of Participating Labs

S. No	Ministry	Lab / Institute name
Indian Council of Agricultural Research (ICAR)		
1	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Soybean Research
2	Indian Council of Agricultural Research (ICAR)	ICAR-Central Island Agricultural Research Institute
3	Indian Council of Agricultural Research (ICAR)	ICAR National Meat Research Institute
4	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute For Research On Cotton Technology
5	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Maize Reserach
6	Indian Council of Agricultural Research (ICAR)	ICAR- Central Institute For Research On Buffaloes
7	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Medicinal And Aromatic Plants Research
8	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Temperate Horticulture
9	Indian Council of Agricultural Research (ICAR)	ICAR-Central Sheep And Wool Research Institute
10	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Agricultural Statistics Research Institute
11	Indian Council of Agricultural Research (ICAR)	ICAR Indian Institute Of Seed Science
12	Indian Council of Agricultural Research (ICAR)	ICAR Central Marine Fisheries Research Institute
13	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Fisheries Education
14	Indian Council of Agricultural Research (ICAR)	ICAR-National Institute Of Abiotic Stress Management
15	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Grassland And Fodder Research Institute
16	Indian Council of Agricultural Research (ICAR)	ICAR- Indian Institute Of Agricultural Biotechnology
17	Indian Council of Agricultural Research (ICAR)	ICAR-National Institute For Plant Biotechnology
18	Indian Council of Agricultural Research (ICAR)	ICAR-Central Citrus Research Institute
19	Indian Council of Agricultural Research (ICAR)	ICAR-National Research Centre On Equines

S. No	Ministry	Lab / Institute name
Indian Council of Agricultural Research (ICAR)		
20	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Onion And Garlic Research
21	Indian Council of Agricultural Research (ICAR)	ICAR - Indian Veterinary Research Institute
22	Indian Council of Agricultural Research (ICAR)	ICAR Central Institute For Research On Goats
23	Indian Council of Agricultural Research (ICAR)	ICAR-National Institute Of Veterinary Epidemiology And Disease Informatics
24	Indian Council of Agricultural Research (ICAR)	ICAR - Indian Institute Of Wheat & Barley
25	Indian Council of Agricultural Research (ICAR)	ICAR-National Research Centre On Pig
26	Indian Council of Agricultural Research (ICAR)	ICAR-Central Inland Fisheries Institute
27	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Agricultural Engineering
28	Indian Council of Agricultural Research (ICAR)	ICAR National Research Centre On Mithun
29	Indian Council of Agricultural Research (ICAR)	ICAR-National Bureau Of Fish Genetic Resources
30	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Spices Research
31	Indian Council of Agricultural Research (ICAR)	ICAR-National Institute On Foot And Mouth Disease
32	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Inst Of Soil And Water Conservation
33	Indian Council of Agricultural Research (ICAR)	ICAR Sugarcane Breeding Institute
34	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute For Cotton Research
35	Indian Council of Agricultural Research (ICAR)	ICAR-Central Soil Salinity Research Institute
36	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Brackishwater Aquaculture
37	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Coldwater Fisheries Research
38	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Freshwater Aquaculture
39	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Pulses Research

S. No	Ministry	Lab / Institute name
Indian Council of Agricultural Research (ICAR)		
40	Indian Council of Agricultural Research (ICAR)	ICAR Central Plantation Crops Research Institute
41	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Poultry Research
42	Indian Council of Agricultural Research (ICAR)	ICAR-National Rice Research Institute
43	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Rice Research
44	Indian Council of Agricultural Research (ICAR)	ICAR-National Research Centre On Seed Spices
45	Indian Council of Agricultural Research (ICAR)	ICAR Indian Institute Of Sugarcane Research
46	Indian Council of Agricultural Research (ICAR)	ICAR-Central Arid Zone Research Institute
47	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Groundnut Research
48	Indian Council of Agricultural Research (ICAR)	ICAR Indian Institute of Farming System Research
49	Indian Council of Agricultural Research (ICAR)	ICAR-Central Avian Research Institute
50	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute Of Post-Harvest Engineering And Technology
51	Indian Council of Agricultural Research (ICAR)	ICAR-National Research Centre For Grapes
52	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Oil Palm Research
53	Indian Council of Agricultural Research (ICAR)	ICAR-National Research Centre On Pomegranate
54	Indian Council of Agricultural Research (ICAR)	ICAR Research Complex For Eastern Region
55	Indian Council of Agricultural Research (ICAR)	ICAR-Central Potato Research Institute
56	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Oilseeds Research
57	Indian Council of Agricultural Research (ICAR)	ICAR-Directorate Of Floricultural Research
58	Indian Council of Agricultural Research (ICAR)	ICAR - Central Tuber Crops Research Institute
59	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Vegetable Research

S. No	Ministry	Lab / Institute name
Indian Council of Agricultural Research (ICAR)		
60	Indian Council of Agricultural Research (ICAR)	ICAR-Indian Institute Of Horticultural Research
61	Indian Council of Agricultural Research (ICAR)	ICAR - National Research Centre For Banana
62	Indian Council of Agricultural Research (ICAR)	ICAR-National Institute Of Secondary Agriculture
63	Indian Council of Agricultural Research (ICAR)	ICAR-Central Tobacco Research Institute
64	Indian Council of Agricultural Research (ICAR)	ICAR - National Research Centre For Orchids
65	Indian Council of Agricultural Research (ICAR)	ICAR - Central Institute For Women In Agriculture
66	Indian Council of Agricultural Research (ICAR)	ICAR National Academy Of Agricultural Research Management
67	Indian Council of Agricultural Research (ICAR)	ICAR-Central Institute For Arid Horticulture
68	Indian Council of Agricultural Research (ICAR)	ICAR-National Bureau Of Plant Genetic Resources
69	Indian Council of Agricultural Research (ICAR)	ICAR-National Bureau Of Animal Genetic Resources
Council of Scientific and Industrial Research (CSIR)		
70	Council of Scientific and Industrial Research (CSIR)	CSIR - National Chemical Laboratory
71	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Leather Research Institute
72	Council of Scientific and Industrial Research (CSIR)	CSIR - Advanced Materials And Processes Research Institute
73	Council of Scientific and Industrial Research (CSIR)	CSIR- Institute Of Himalayan Bioresource Technology
74	Council of Scientific and Industrial Research (CSIR)	CSIR Central Glass And Ceramic Research Institute
75	Council of Scientific and Industrial Research (CSIR)	CSIR-National Institute For Interdisciplinary Science And Technology
76	Council of Scientific and Industrial Research (CSIR)	CSIR-Indian Institute Of Integrative Medicine
77	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Electrochemical Research Institute
78	Council of Scientific and Industrial Research (CSIR)	CSIR-National Institute Of Oceanography

S. No	Ministry	Lab / Institute name
Council of Scientific and Industrial Research (CSIR)		
79	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Institute Of Medicinal And Aromatic Plants
80	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Drug Research Institute
81	Council of Scientific and Industrial Research (CSIR)	CSIR-Institute Of Genomics And Integrative Biology
82	Council of Scientific and Industrial Research (CSIR)	CSIR-Institute Of Minerals And Materials Technology
83	Council of Scientific and Industrial Research (CSIR)	CSIR-National Physical Laboratory
84	Council of Scientific and Industrial Research (CSIR)	CSIR-National Botanical Research Institute
85	Council of Scientific and Industrial Research (CSIR)	CSIR–Centre For Cellular And Molecular Biology
86	Council of Scientific and Industrial Research (CSIR)	CSIR-Institute Of Microbial Technology
87	Council of Scientific and Industrial Research (CSIR)	CSIR-Indian Institute Of Petroleum
88	Council of Scientific and Industrial Research (CSIR)	CSIR-National Aerospace Laboratories
89	Council of Scientific and Industrial Research (CSIR)	CSIR National Environmental Engineering Research Institute
90	Council of Scientific and Industrial Research (CSIR)	CSIR-National Geophysical Research Institute
91	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Scientific Instruments Organisation
92	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Food Technological Research Institute
93	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Institute Of Mining And Fuel Research
94	Council of Scientific and Industrial Research (CSIR)	CSIR-North East Institute Of Science And Technology
95	Council of Scientific and Industrial Research (CSIR)	CSIR Fourth Paradigm Institute
96	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Salt & Marine Chemicals Research Institute
97	Council of Scientific and Industrial Research (CSIR)	CSIR-Indian Institute Of Toxicology Research
98	Council of Scientific and Industrial Research (CSIR)	CSIR-Indian Institute Of Chemical Technology

S. No	Ministry	Lab / Institute name
Council of Scientific and Industrial Research (CSIR)		
99	Council of Scientific and Industrial Research (CSIR)	CSIR-Indian Institute Of Chemical Biology
100	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Mechanical Engineering Research Institute
101	Council of Scientific and Industrial Research (CSIR)	CSIR-National Metallurgical Laboratory
102	Council of Scientific and Industrial Research (CSIR)	CSIR - Central Electronics Engineering Research Institute
103	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Build Research Institute
104	Council of Scientific and Industrial Research (CSIR)	CSIR-Structural Engineering Research Centre
105	Council of Scientific and Industrial Research (CSIR)	CSIR-Central Road Research Institute
106	Council of Scientific and Industrial Research (CSIR)	National Institute Of Science Communication And Policy Research
Indian Council of Medical Research (ICMR)		
107	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Cholera & Enteric Diseases
108	Indian Council of Medical Research (ICMR)	ICMR - National Institute For Research In Reproductive And Child Health
109	Indian Council of Medical Research (ICMR)	ICMR-National Institute For Research In Tuberculosis
110	Indian Council of Medical Research (ICMR)	ICMR - National Institute Of Virology
111	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Immunohaematology
112	Indian Council of Medical Research (ICMR)	ICMR-Vector Control Research Control
113	Indian Council of Medical Research (ICMR)	ICMR- National Institute For Research In Digital Health And Data Sciences
114	Indian Council of Medical Research (ICMR)	ICMR - National Institute Of Nutrition
115	Indian Council of Medical Research (ICMR)	ICMR - Rajendra Memorial Research Institute Of Medical Sciences
116	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Malaria Research
117	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Translational Virology And Aids Research

S. No	Ministry	Lab / Institute name
118	Indian Council of Medical Research (ICMR)	ICMR-National Jalma Institute for Leprosy and Other Mycobacterial Diseases
119	Indian Council of Medical Research (ICMR)	ICMR - Regional Medical Research Centre
120	Indian Council of Medical Research (ICMR)	ICMR - Bhopal Memorial Hospital Research Centre
121	Indian Council of Medical Research (ICMR)	ICMR-Regional Medical Research Centre
122	Indian Council of Medical Research (ICMR)	ICMR-Regional Medical Research Centre, Bhubaneswar
123	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Cancer Prevention And Research
124	Indian Council of Medical Research (ICMR)	ICMR-National Centre For Disease Informatics And Research
125	Indian Council of Medical Research (ICMR)	ICMR Regional Medical Research Centre, North East
126	Indian Council of Medical Research (ICMR)	ICMR-National Institute For Research In Environmental Health
127	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Epidemiology
128	Indian Council of Medical Research (ICMR)	ICMR National Institute Of Occupational Health
129	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Research In Tribal Health
130	Indian Council of Medical Research (ICMR)	ICMR-National Institute Of Traditional Medicine
131	Indian Council of Medical Research (ICMR)	ICMR-National Animal Resource Facility For Biomedical Research
132	Indian Council of Medical Research (ICMR)	ICMR-National Institute For Implementation Research On Non-Communicable Diseases
Department of Science and Technology (DST)		
133	Department of Science and Technology (DST)	Agharkar Research Institute
134	Department of Science and Technology (DST)	Indian Institute Of Geomagnetism
135	Department of Science and Technology (DST)	Sree Chitra Tirunal Institute For Medical Sciences & Technology
136	Department of Science and Technology (DST)	National Innovation Foundation
137	Department of Science and Technology (DST)	Bose Institute

S. No	Ministry	Lab / Institute name
Department of Science and Technology (DST)		
138	Department of Science and Technology (DST)	Birbal Sahni Institute Of Palaeosciences
139	Department of Science and Technology (DST)	Institute Of Nano Science And Technology
140	Department of Science and Technology (DST)	Aryabhata Research Institute Of Observational Sciences
141	Department of Science and Technology (DST)	S N Bose National Centre For Basic Sciences
142	Department of Science and Technology (DST)	Jawaharlal Nehru Centre For Advanced Scientific Research
143	Department of Science and Technology (DST)	North East Center For Technology Application And Reach
144	Department of Science and Technology (DST)	Indian Association For The Cultivation Of Science
145	Department of Science and Technology (DST)	Institute Of Advanced Study In Science And Technology
146	Department of Science and Technology (DST)	Centre For Nano And Soft Matter Sciences
147	Department of Science and Technology (DST)	Indian Institute Of Astrophysics
148	Department of Science and Technology (DST)	Wadia Institute Of Himalayan Geology
149	Department of Science and Technology (DST)	International Advanced Research Centre For Powder Metallurgy And New Materials
Department of Biotechnology (DBT)		
150	Department of Biotechnology (DBT)	Institute For Stem Cell Science And Regenerative Medicine
151	Department of Biotechnology (DBT)	National Centre For Cell Science
152	Department of Biotechnology (DBT)	Translational Health Science And Technology Institute
153	Department of Biotechnology (DBT)	Centre For DNA Fingerprinting And Diagnostics
154	Department of Biotechnology (DBT)	Rajiv Gandhi Centre For Biotechnology
155	Department of Biotechnology (DBT)	National Institute Of Immunology
156	Department of Biotechnology (DBT)	Institute Of Bioresources And Sustainable Development
157	Department of Biotechnology (DBT)	Institute Of Life Sciences
158	Department of Biotechnology (DBT)	Regional Centre For Biotechnology
159	Department of Biotechnology (DBT)	National Brain Research Centre
160	Department of Biotechnology (DBT)	National Institute Of Plant Genome Research

S. No	Ministry	Lab / Institute name
Department of Biotechnology (DBT)		
161	Department of Biotechnology (DBT)	National Institute Of Biomedical Genomics
162	Department of Biotechnology (DBT)	National Institute Of Animal Biotechnology
163	Department of Biotechnology (DBT)	National Agri-Food Biotechnology Institute
Ministry of AYUSH		
164	Ministry of AYUSH	National Institute Of Sowa-Rigpa
165	Ministry of AYUSH	Central Council For Research In Ayurvedic Sciences
166	Ministry of AYUSH	National Institute Of Siddha
167	Ministry of AYUSH	Central Council For Research In Unani Medicine
168	Ministry of AYUSH	National Institute Of Ayurveda
169	Ministry of AYUSH	Central Council For Research In Homoeopathy
170	Ministry of AYUSH	National Institute Of Unani Medicine
171	Ministry of AYUSH	National Institute Of Homoeopathy
172	Ministry of AYUSH	Morarji Desai National Institute Of Yoga
173	Ministry of AYUSH	North Eastern Institute Of Ayurveda & Folk Medicine Research
174	Ministry of AYUSH	Central Council For Research In Siddha
175	Ministry of AYUSH	Rashtriya Ayurveda Vidyapeeth
176	Ministry of AYUSH	North Eastern Institute Of Ayurveda And Homoeopathy
177	Ministry of AYUSH	Institute Of Teaching And Research In Ayurveda
178	Ministry of AYUSH	Central Council For Research In Yoga And Naturopathy
179	Ministry of AYUSH	Pharmacopoeia Commission For Indian Medicine & Homoeopathy
180	Ministry of AYUSH	All India Institute Of Ayurveda
181	Ministry of AYUSH	National Institute Of Naturopathy
Ministry of Environment, Forest and Climate Change		
182	Ministry of Environment, Forest and Climate Change	Govind Ballabh Pant National Institute Of Himalayan Environment
183	Ministry of Environment, Forest and Climate Change	Botanical Survey Of India
184	Ministry of Environment, Forest and Climate Change	ICFRE- Institute Of Forest Genetics And Tree Breeding
185	Ministry of Environment, Forest and Climate Change	ICFRE- Arid Forest Research Institute
186	Ministry of Environment, Forest and Climate Change	ICFRE- Arid Forest Research Institute

S. No	Ministry	Lab / Institute name
Ministry of Environment, Forest and Climate Change		
187	Ministry of Environment, Forest and Climate Change	ICFRE- - Tropical Forest Research Institute, Jabalpur
188	Ministry of Environment, Forest and Climate Change	ICFRE- -Rain Forest Research Institute, Jorhat
189	Ministry of Environment, Forest and Climate Change	Wildlife Institute Of India
190	Ministry of Environment, Forest and Climate Change	ICFRE- -Institute Of Forest Productivity
191	Ministry of Environment, Forest and Climate Change	ICFRE- - Himalayan Forest Research Institute
192	Ministry of Environment, Forest and Climate Change	ICFRE- -Institute Of Forest Biodiversity
193	Ministry of Environment, Forest and Climate Change	ICFRE- -Institute Of Wood Science And Technology
Ministry of Electronics and Information Technology (MEITY)		
194	Ministry of Electronics and Information Technology (MEITY)	Centre For Materials For Electronics Technology
195	Ministry of Electronics and Information Technology (MEITY)	Society For Applied Microwave Electronics Engineering And Research
196	Ministry of Electronics and Information Technology (MEITY)	Semi Conductor Laboratory
197	Ministry of Electronics and Information Technology (MEITY)	Centre For Development Of Advanced Computing
198	Ministry of Electronics and Information Technology (MEITY)	STQC Directorate
199	Ministry of Electronics and Information Technology (MEITY)	Education & Research In Computer Networking
Ministry of Chemicals and Fertilizers		
200	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research - Ahmedabad
201	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research - Hyderabad
202	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research - Raebareli
203	Ministry of Chemicals and Fertilizers	School For Advanced Research In Petrochemicals
204	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research - Hajipur
205	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research-Kolkata
206	Ministry of Chemicals and Fertilizers	National Institute Of Pharmaceutical Education And Research - Mohali

S. No	Ministry	Lab / Institute name
Ministry of Textiles		
207	Ministry of Textiles	Central Muga Eri Research And Training Institute
208	Ministry of Textiles	Central Sericultral Germplasm Resources Centre
209	Ministry of Textiles	Seribiotech Research Laboratory
210	Ministry of Textiles	Central Sericultural Research & Training Institute
211	Ministry of Textiles	Central Sericultural Research And Training Institute
212	Ministry of Textiles	Central Tasar Research And Training Institute
213	Ministry of Textiles	Silkworm Seed Technology Laboratory
214	Ministry of Textiles	Central Silk Technological Research Institute
215	Ministry of Textiles	Indian Jute Industries Research Association
216	Ministry of Textiles	Central Sericultural Reserach Training Institute
217	Ministry of Textiles	Wool Research Association
Ministry of Earth Science		
218	Ministry of Earth Science	Centre For Marine Living Resources & Ecology
219	Ministry of Earth Science	National Centre For Polar And Ocean Research
220	Ministry of Earth Science	National Centre For Earth Science Studies
221	Ministry of Earth Science	Indian Institute Of Tropical Meteorology
222	Ministry of Earth Science	National Centre For Medium Range Weather Forecasting
223	Ministry of Earth Science	National Centre For Coastal Research
224	Ministry of Earth Science	National Institute Of Ocean Technology
225	Ministry of Earth Science	Indian National Centre For Ocean Information Services
Ministry of Mines		
226	Ministry of Mines	Geological Survey Of India
227	Ministry of Mines	Indian Bureau Of Mines
228	Ministry of Mines	Jawaharlal Nehru Aluminium Research Development And Design Centre
Ministry of Power		
229	Ministry of Power	Central Power Research Institute
Department for Promotion of Industry and Internal Trade (DPIIT)		
230	Department for Promotion of Industry and Internal Trade (DPIIT)	Central Pulp & Paper Research Institute
231	Department for Promotion of Industry and Internal Trade (DPIIT)	National Council For Cement And Building Materials
232	Department for Promotion of Industry and Internal Trade (DPIIT)	Indian Rubber Materials Research Institute

S. No	Ministry	Lab / Institute name
Department of Food and Public Distribution		
233	Department of Food and Public Distribution	Indian Grain Storage Management & Research Institute
Ministry of Jalshakti		
234	Ministry of Jalshakti	National Institute Of Hydrology
235	Ministry of Jalshakti	Central Soil And Materials Research Station
236	Ministry of Jalshakti	Central Water & Power Research Station
Ministry of Micro, Small and Medium Enterprises (MSME)		
237	Ministry of Micro, Small and Medium Enterprises (MSME)	Central Coir Research Institute
238	Ministry of Micro, Small and Medium Enterprises (MSME)	Institute For Design Of Electrical Measuring Instruments
Ministry of Railways		
239	Ministry of Railways	Research, Design & Standard Organisation
Ministry of Heavy Industry and Public Enterprise		
240	Ministry of Heavy Industry and Public Enterprise	Central Manufacturing Technology Institute
241	Ministry of Heavy Industry and Public Enterprise	The Automotive Research Association Of India
242	Ministry of Heavy Industry and Public Enterprise	Fluid Control Research Institute
Ministry of Agriculture and Farmer Welfare		
243	Ministry of Agriculture and Farmer Welfare	Soil And Land Use Survey Of India
Ministry of Food Processing Industries		
244	Ministry of Food Processing Industries	National Institute Of Food Technology, Entrepreneurship And Management

NOTES ON METHODOLOGY

The Chapters on Basic, Applied and Services R&D labs have captured the average performance of the respective labs across 11 sub-pillars represented in the form of a spider chart, while the average performance across the pillars has been represented in a bar chart in each of the chapters. The average scores were determined by computing scores for individual labs.

The scoring methodology is as follows:

1. The framework had 62 questions consisting of numeric questions, percentage questions, qualitative questions and binary questions.
2. Scaling of responses - Responses to each numeric question were scaled using relevant budget or scientific staff to ensure comparability between lab responses.
3. For qualitative questions, the responses were either given a value 0 or 1 depending on the response. For example in Q3 which relates to beneficiaries of a lab's programme, all labs were assigned a value 1.
4. For the other qualitative question, Q.39, all labs were assigned a value of 1 except when:
 - Responses were repeated for both the years
 - Labs reported opening of a new facility as a research area
5. Normalization - We used the Min-Max method of normalization to normalize the numeric data on a scale of 0-1. Normalization was not done for responses to the binary questions and the qualitative questions.
6. Multiplication by Weights - The computed values were then multiplied by weights assigned to each question, indicator, sub-pillar and finally pillar as assigned in the Framework.

A Note on Publications Data

Labs were asked to use either Web of Science or Scopus databases to provide publications related data and the director's sign off on the data signifies that such guidelines were adhered to. However, during the orientation workshops, many data officers expressed an inability to access either database. The reported data could not be verified and hence is reported as is in the individual lab sheets.

Treatment of Negative Data

For the question that required labs to report an increase or decrease in their scientific or contractual research staff, several labs indicated a decrease, translating to negative values for those indicators. For these responses, the negative values were replaced with 0.

Treatment for outliers

Outliers were trimmed at the 95th percentile value. The 95th percentile formula was applied to responses to all the numeric and percentage questions.



The Centre for Technology, Innovation and Economic Research (CTIER) was established in December 2015 to raise the level of debate and awareness amongst policy makers, industry and researchers in India about the essential role of technical capability in economic development, and how it is best fostered. We aim to inform policy making on the back of high quality empirical economic research, as well as impact higher education in India.

CTIER's work is contributing to systemic change in India's R&D and innovation ecosystem. CTIER is a trusted source of data for all those shaping India's innovation and technological trajectory.

CTIER has built strong linkages with industry and the academic community. The Centre's unique analysis and insights are informing policies introduced to strengthen India's R&D and innovation ecosystem.

CTIER's programmatic interventions are helping build capabilities needed to transform Indian industry into an innovation powerhouse. CTIER has also been at the forefront of shaping academic thought in economics of innovation.

Centre for Technology, Innovation and Economic Research (CTIER)

Opp 106th milestone, CTS No. 2220,
Mumbai-Pune Road, Kasarwadi,
Pune, MH: 411034

E: contact@ctier.org W: <https://www.ctier.org/>

Follow us on

<https://www.linkedin.com/company/ctier.org/>



Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 365,000 enterprises from 294 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness, and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Through its dedicated Centres of Excellence and Industry competitiveness initiatives, promotion of innovation and technology adoption, and partnerships for sustainability, CII plays a transformative part in shaping the future of the nation. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

For 2024-25, CII has identified "Globally Competitive India: Partnerships for Sustainable and Inclusive Growth" as its Theme, prioritizing 5 key pillars. During the year, it would align its initiatives and activities to facilitate strategic actions for driving India's global competitiveness and growth through a robust and resilient Indian industry.

With 70 offices, including 12 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with about 300 counterpart organizations in almost 100 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

The Mantosh Sondhi Centre

23, Institutional Area, Lodi Road, New Delhi – 110 003 (India)

T: 91 11 45771000

E: info@cii.in • W: www.cii.in

Follow us on



[cii.in/facebook](https://www.cii.in/facebook)



[cii.in/twitter](https://www.cii.in/twitter)



[cii.in/linkedin](https://www.cii.in/linkedin)



[cii.in/youtube](https://www.cii.in/youtube)

Reach us via CII Membership Helpline Number: 1800-103-1244