

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 5104
ANSWERED ON 02/04/2025**

NATIONAL MISSION ON INTERDISCIPLINARY-CYBER PHYSICAL SYSTEMS

5104. SHRI BASTIPATI NAGARAJU:

SHRI B K PARTHASARATHI:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the details of the total number of research projects piloted under National Mission on Interdisciplinary-Cyber Physical Systems (NM-ICPS) along with the funds allocated and disbursed for the same since its inceptions, year-wise and location-wise;**
- (b) the number of technology products developed and jobs created by supported projects under the scheme, location-wise;**
- (c) the details of the total number of Technology Innovation Hubs (TIHs) approved and established under the scheme along with funds allocated and disbursed for establishing the same, year-wise and State-wise;**
- (d) the details of the number of Centre of Excellence (CoEs) established under the scheme for such CoEs, year-wise and State-wise; and**
- (e) the total number of Government and Industry Research and Development (R&D) labs participating under this scheme, year-wise and State-wise?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) The details of the total number of research projects piloted under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), along with the funds allocated and disbursed, year-wise and location-wise are as under:

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
1	TIH Foundation For IOT And IOE, IIT Bombay, Powai, Mumbai, Maharashtra - 400076	88	3715.37	-	-	317.25	639.42	490.82

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
2	IIIT-H Data I-Hub Foundation, IIIT Hyderabad, Gachibowli, Hyderabad, Telangana - 500032	68	1272.9	13.14	189.41	82.67	508.09	132.09
3	I-HUB for Robotics and Autonomous Systems Innovation Foundation, IISc Bengaluru, CV Raman Rd, Bengaluru, Karnataka - 560012	5	7667.53	165.32	537.08	1430.74	2340.64	3193.75
4	IHUB NTIHAC Foundation, IIT Kanpur, Kalyanpur, Kanpur, Uttar Pradesh - 208016	50	1300.13	-	139.65	211.62	346.39	301.92
5	IHUB Drishti Foundation, IIT Jodhpur, NH 62, Karwar, Jodhpur, Rajasthan - 342030	50	2369.63	174	441.87	935.29	818.47	-
6	Divyasampark IHUB Roorkee for Devices Materials and Technology Foundation, IIT Roorkee, Roorkee, Uttarakhand - 247667	88	2968.99	285.20	468.20	444.40	1442.79	264.40

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
7	IIT Patna Vishlesan I-hub Foundation, IIT Patna, Bihta, Patna, Bihar - 801106	7	199.95	-	-	34.33	18.33	13.08
8	IIT Madras Pravartak Technologies Foundation, IIT Madras, Sardar Patel Rd, Chennai, Tamil Nadu - 600036	31	2508.48	-	1326.73	160.44	930.20	91.11
9	NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN), IIT Hyderabad, Kandi, Sangareddy, Telangana - 502284	153	3158.65	-	1008.43	1242.39	395.02	186.58
10	I-DAPT-HUB Foundation, IIT (BHU) Varanasi, Banaras Hindu University, Varanasi, Uttar Pradesh - 221005	25	488.91	-	44.55	189.59	168.40	62.53
11	IIT Guwahati Technology Innovation and Development Foundation, IIT Guwahati, Amingaon, Guwahati, Assam - 781039	151	4727.57	-	315	533.87	3641.20	237.50

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
12	IIT Mandi IHub and HCI Foundation, IIT Mandi, Kamand, Mandi, Himachal Pradesh - 175075	24	1746.34	-	-	328.03	354	588.48
13	I-Hub Foundation for Cobotics (IHFC), IIT Delhi, Hauz Khas, New Delhi - 110016	49	4339	32.35	1007.30	586.47	397.96	176.42
14	IIT Palakkad Technology Ihub Foundation, IIT Palakkad, Pudussery, Palakkad, Kerala - 678623	63	2498.58	-	281.25	530.52	326.35	574.96
15	IIT Ropar Technology and Innovation Foundation, IIT Ropar, Rupnagar, Punjab - 140001	87	4831.13	4	545.14	703.20	861.91	676.02
16	Technology Innovation in Exploration & Mining Foundation, IIT (ISM) Dhanbad, Sardar Patel Nagar, Dhanbad, Jharkhand - 826004	62	1933	-	94.66	79.84	705.55	476.51

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
17	IIITB Comet Foundation, IIIT Bangalore, Electronic City, Bangalore, Karnataka - 560100	17	10872.51	-	-	1156.70	2370.19	2386.34
18	BITS BioCYTiH Foundation, BITS Pilani, Vidya Vihar, Pilani, Rajasthan - 333031	43	1942.07	-	20.71	160.77	488.22	429.82
19	IDEAS - Institute of Data Engineering, Analytics and Science Foundation, ISI Kolkata, 203, Barrackpore Trunk Road, Kolkata, West Bengal - 700108	20	912	-	0	222	266.80	48.50
20	IITI Drishti CPS Foundation, IIT Indore, Khandwa Road, Simrol, Indore, Madhya Pradesh - 453552	82	696.40	-	7.68	173.06	229.86	88.33
21	AI4ICPS I-Hub Foundation, IIT Kharagpur, Kharagpur, West Bengal - 721302	63	1474.45	-	-	-	1474.45	-

S. No.	TIH Name & Location	No. of Research Projects	Funds Allocated (In Lakhs)	Funds Disbursed (in Lakhs) (Financial year-wise)				
				2020-21	2021-22	2022-23	2023-24	2024-25
22	IHUB Anubhuti-IIITD Foundation, IIT Delhi, Okhla Industrial Estate, New Delhi - 110020	35	1482.26	-	54.72	228.91	241.87	258.54
23	I-Hub Quantum Technology Foundation, IISER Pune, Dr. Homi Bhabha Road, Pashan, Pune, Maharashtra - 411008	27	8619.37	-	-	949.72	1388.11	86.51
24	IIT Tirupati Navavishkar I-Hub Foundation, IIT Tirupati, Yerpedu, Chittoor, Andhra Pradesh - 517619	27	1290.93	-	-	-	401.18	714.81
25	IIT Bhilai Innovation and Technology Foundation, IIT Bhilai, Kutelabhata, Bhilai, Chhattisgarh - 490020	96	5238.62	-	38.58	153.72	2242.92	-
Subtotal		1411	78254.77	674.01	6520.96	10855.53	22998.32	11479.02
Total				52527.84				

(b) The number of technology products developed and jobs created by supported projects under NM-ICPS, location-wise are as under:

S. No.	TIH Name & Location	No. of Technology Products Developed	No. of Jobs created
1	TIH Foundation For IOT And IOE, IIT Bombay, Powai, Mumbai, Maharashtra - 400076	17	89
2	IIIT-H Data I-Hub Foundation, IIIT Hyderabad, Gachibowli, Hyderabad, Telangana - 500032	38	152
3	I-HUB for Robotics and Autonomous Systems Innovation Foundation, IISc Bengaluru, CV Raman Rd, Bengaluru, Karnataka - 560012	54	-
4	IHUB NTIHAC Foundation, IIT Kanpur, Kalyanpur, Kanpur, Uttar Pradesh - 208016	62	126
5	IHUB Drishti Foundation, IIT Jodhpur, NH 62, Karwar, Jodhpur, Rajasthan - 342030	-	1238
6	Divyasampark IHUB Roorkee for Devices Materials and Technology Foundation, IIT Roorkee, Roorkee, Uttarakhand - 247667	3	16
7	IIT Patna Vishlesan I-hub Foundation, IIT Patna, Bihta, Patna, Bihar - 801106	-	-
8	IIT Madras Pravartak Technologies Foundation, IIT Madras, Sardar Patel Rd, Chennai, Tamil Nadu - 600036	31	68

S. No.	TIH Name & Location	No. of Technology Products Developed	No. of Jobs created
9	NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN), IIT Hyderabad, Kandi, Sangareddy, Telangana - 502284	198	781
10	I-DAPT-HUB Foundation, IIT (BHU) Varanasi, Banaras Hindu University, Varanasi, Uttar Pradesh - 221005	31	61
11	IIT Guwahati Technology Innovation and Development Foundation, IIT Guwahati, Amingaon, Guwahati, Assam - 781039	78	138
12	IIT Mandi IHub and HCI Foundation, IIT Mandi, Kamand, Mandi, Himachal Pradesh - 175075	7	22
13	I-Hub Foundation for Cobotics (IHFC), IIT Delhi, Hauz Khas, New Delhi - 110016	40	85
14	IIT Palakkad Technology Ihub Foundation, IIT Palakkad, Pudussery, Palakkad, Kerala - 678623	11	51
15	IIT Ropar Technology and Innovation Foundation, IIT Ropar, Rupnagar, Punjab - 140001	72	167
16	Technology Innovation in Exploration & Mining Foundation, IIT (ISM) Dhanbad, Sardar Patel Nagar, Dhanbad, Jharkhand - 826004	34	818

S. No.	TIH Name & Location	No. of Technology Products Developed	No. of Jobs created
17	IIITB Comet Foundation, IIIT Bangalore, Electronic City, Bangalore, Karnataka - 560100	15	338
18	BITS BioCYTIH Foundation, BITS Pilani, Vidya Vihar, Pilani, Rajasthan - 333031	5	6
19	IDEAS - Institute of Data Engineering, Analytics and Science Foundation, ISI Kolkata, 203, Barrackpore Trunk Road, Kolkata, West Bengal - 700108	28	54
20	IITI Drishti CPS Foundation, IIT Indore, Khandwa Road, Simrol, Indore, Madhya Pradesh - 453552	83	170
21	IHUB Anubhuti-IIITD Foundation, IIT Delhi, Okhla Industrial Estate, New Delhi - 110020	66	107
22	AI4ICPS I-Hub Foundation, IIT Kharagpur, Kharagpur, West Bengal - 721302	17	146
23	I-Hub Quantum Technology Foundation, IISER Pune, Dr. Homi Bhabha Road, Pashan, Pune, Maharashtra - 411008	12	29
24	IIT Tirupati Navavishkar I-Hub Foundation, IIT Tirupati, Yerpedu, Chittoor, Andhra Pradesh - 517619	-	-
25	IIT Bhilai Innovation and Technology Foundation, IIT Bhilai, Kutelabhata, Bhilai, Chhattisgarh - 490020	71	295
Total		973	4957

(c) A list of TIHs approved and established under NM-ICPS (State-wise) along with the total funds allocated and disbursed (year-wise) till date is as under:

TIH Name & Host Institution	State/UT	Sanctioned Year	Funds Allocated (₹ Cr)	Funds Disbursed (₹ Cr)
TIH Foundation For IOT And IOE, IIT Bombay	Maharashtra	2020	170.00	97.41
Project 'BharatGen' on LLM		2024	235.18	89.66
IIIT-H Data I-Hub Foundation, IIIT Hyderabad	Hyderabad	2020	110.00	58.77
I-HUB for Robotics and Autonomous Systems Innovation Foundation, IISc Bangalore	Karnataka	2020	170.00	113.25
IHUB NTIHAC Foundation, IIT Kanpur	Uttar Pradesh	2020	170.00	143.19
IHUB Drishti Foundation, IIT Jodhpur	Rajasthan	2020	115.00	54.95
Divyasampark IHUB Roorkee for Devices Materials and Technology Foundation, IIT Roorkee	Uttarakhand	2020	135.00	111.70
IIT Patna Vishlesan I-hub Foundation, IIT Patna	Bihar	2020	110.00	22.25
IIT Madras Pravartak Technologies Foundation, IIT Madras	Tamil Nadu	2020	170.00	156.18
NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN), IIT Hyderabad	Hyderabad	2020	135.00	127.43

TIH Name & Host Institution	State/UT	Sanctioned Year	Funds Allocated (₹ Cr)	Funds Disbursed (₹ Cr)
I-DAPT-HUB Foundation, IIT (BHU) Varanasi	Uttar Pradesh	2020	110.00	23.37
IIT Guwahati Technology Innovation and Development Foundation, IIT Guwahati	Assam	2020	135.00	92.76
IIT Mandi IHub and HCI Foundation, IIT Mandi	Himachal Pradesh	2020	110.00	58.25
I-Hub Foundation for Cobotics (IHFC), IIT Delhi	Delhi	2020	170.00	85.92
IIT Palakkad Technology Ihub Foundation, IIT Palakkad	Kerala	2020	100.00	47.08
IIT Ropar Technology and Innovation Foundation, IIT Ropar	Punjab	2020	110.00	79.12
Technology Innovation in Exploration & Mining Foundation, IIT Dhanbad	Jharkhand	2020	110.00	63.20
IIITB Comet Foundation, IIIT Bangalore	Karnataka	2020	150.00	69.59
BITS BioCYTiH Foundation, BITS Pilani	Rajasthan	2020	125.00	59.25
IDEAS - Institute of Data Engineering, Analytics and Science Foundation, ISI Kolkata	Kolkata	2020	100.00	12.19
AI4ICPS I-Hub Foundation, IIT Kharagpur	Kolkata	2020	170.00	24.45

TIH Name & Host Institution	State/UT	Sanctioned Year	Funds Allocated (₹ Cr)	Funds Disbursed (₹ Cr)
IITI Drishti CPS Foundation, IIT Indore	Madhya Pradesh	2020	100.00	47.19
IHUB Anubhuti-IIITD Foundation, IIIT Delhi	Delhi	2020	100.00	36.59
I-Hub Quantum Technology Foundation, IISER Pune	Maharashtra	2020	170.00	88.13
IIT Tirupati Navavishkar I-Hub Foundation, IIT Tirupati	Andhra Pradesh	2020	100.00	39.75
IIT Bhilai Innovation and Technology Foundation, IIT Bhilai	Chhattisgarh	2020	55.00	50.80
Total			3435.18	1852.43

(d) The details of the number of Centre of Excellence (CoEs) established under NM-ICPS, year-wise and State-wise is as under:

S. No.	Name of State/UT	No. of CoEs Established (year-wise)
1	Uttar Pradesh	2 (2022, 2025)
2	Goa	3 (2023, 2025)
3	Tamil Nadu	2 (2024, 2025)
4	Himachal Pradesh	2 (2024)
5	Haryana	1 (2022)
6	Delhi	3 (2023)
7	Jharkhand	10 (2022, 2023, 2024, 2025)
8	Karnataka	4 (2023, 2024, 2025)
9	Nagaland	1 (2025)
10	Manipur	1 (2025)
11	Mizoram	1 (2025)

S. No.	Name of State/UT	No. of CoEs Established (year-wise)
12	Maharashtra	1 (2025)
13	West Bengal	1 (2025)
14	Madhya Pradesh	1 (2023)
15	Rajasthan	2 (2024, 2025)
16	Andhra Pradesh	5 (2025)
17	Telangana	2 (2025)
18	Kerala	2 (2023, 2025)
19	Punjab	12 (2022, 2023, 2024, 2025)
20	Uttarakhand	1 (2024)
21	Ladakh	1 (2024)
22	Sikkim	1 (2024)
23	Assam	5 (2022, 2023, 2024)
Total		64

(e) The total number of Government and Industry Research and Development (R&D) labs participating under NM-ICPS, year-wise and State-wise are as under:

S. No.	TIH Name	State	Total number of Government and Industry Research and Development (R&D) labs (year-wise)
1	IIIT-H Data I-Hub Foundation	Telangana	44 (2021, 2022, 2023, 2024, 2025)
2	NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN)		
3	I-HUB for Robotics and Autonomous Systems Innovation Foundation	Karnataka	5 (2021, 2023, 2024, 2025)

S. No.	TIH Name	State	Total number of Government and Industry Research and Development (R&D) labs (year-wise)
4	I-DAPT-HUB Foundation	Uttar Pradesh	5 (2020, 2021, 2022, 2023)
5	IHUB Drishti Foundation	Rajasthan	6 (2024, 2025)
6	BITS BioCYTiH Foundation		
7	IIT Madras Pravartak Technologies Foundation	Tamil Nadu	5 (2021, 2022)
8	IIT Guwahati Technology Innovation and Development Foundation	Assam	11 (2023, 2024)
9	IIT Mandi IHub and HCI Foundation	Himachal Pradesh	5 (2022, 2023)
10	I-Hub Foundation for Cobotics (IHFC)	Delhi	55 (2020, 2022, 2023, 2024, 2025)
11	IHUB Anubhuti-IIITD Foundation		
12	IIT Palakkad Technology Ihub Foundation	Kerala	4 (2023, 2024, 2025)

S. No.	TIH Name	State	Total number of Government and Industry Research and Development (R&D) labs (year-wise)
13	IIT Ropar Technology and Innovation Foundation	Punjab	6 (2021, 2022, 2023, 2024)
14	Technology Innovation in Exploration & Mining Foundation	Jharkhand	4 (2022, 2023, 2024)
15	IIT Kharagpur AI4ICPS I-Hub Foundation	West Bengal	6 (2023, 2024, 2025)
16	IITI Drishti CPS Foundation	Madhya Pradesh	6 (2021, 2022, 2024)
17	IIT Tirupati Navavishkar I-Hub Foundation	Andhra Pradesh	4 (2023, 2024)
18	IIT Bhilai Innovation and Technology Foundation	Chhattisgarh	2 (2022, 2024)
Total			168
