

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 1704
ANSWERED ON 30/07/2025**

SCIENCE AND TECHNOLOGY PARKS AND INNOVATION CENTRES

1704. SHRI P C MOHAN:

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

- (a) whether the Government is supporting establishment of Science and Technology Parks and Innovation Centres focused on Artificial Intelligence (AI) and emerging technologies;**
- (b) if so, the details of such centres established or supported by the Government during the last five years, particularly in Karnataka and Bengaluru, which is a leading hub for AI and digital innovation;**
- (c) whether the Government has received any proposals from the Government of Karnataka, academic institutions, or industry bodies in Bengaluru for setting up AI-focused Centres of Excellence, incubators, or R&D clusters;**
- (d) if so, the current status of such proposals and the funding or technical support provided by the Government; and**
- (e) the steps taken/being taken by the Government to promote collaboration between academia, start-ups, and industry to accelerate AI research and application in sectors such as healthcare, agriculture and governance?**

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) to (b): Yes Sir, the Government is supporting establishment of Science and Technology Parks and Innovation Centres focused on Artificial Intelligence (AI) and emerging technologies.

The Department of Science & Technology (DST), Government of India is implementing the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), with an outlay of Rs. 3,660.00 crore. Under this mission, a project titled “Bharat-Gen: A Suite of Generative AI Technologies for India” is being implemented with funding support of Rs 235.17 crore at the Technology Innovation Hub (TIH) Foundation for IOT and IOE, IIT Bombay. This project is a multimodal, multilingual Large Language Model initiative,

focused on developing efficient and inclusive AI solutions in 22 Indian languages.

The DST, under Technology Translation and Innovation (TTI) Division, has also established a Centre of Excellence in Artificial Intelligence and Machine Learning at T-Hub Hyderabad, focused on providing infrastructural, mentoring and incubation support to startups in the field of AI and ML.

The Ministry of Education has established three Centres of Excellence (CoEs) in Artificial Intelligence, focusing on healthcare, agriculture, and sustainable cities at IIT Kanpur, IIT Ropar and IISc Bangalore at a total budget outlay of Rs 990 Cr. In the Union Budget 2025-26, the Government has also announced a Centre of Excellence in AI for Education with a financial outlay of Rs. 500 crores.

In other emerging technologies, under NM-ICPS of DST, 25 TIHs have been established in reputed academic institutions across India. Each TIH has been assigned a technology vertical in the areas of emerging technologies, such as Robotics, Internet of Things (IoT) and Internet of Everything (IoE), Cybersecurity, Data Banks & Data Services, Data Analysis and FinTech etc.

The details of the TIHs supported under the NM-ICPS, along with their respective technology verticals, are given as under:

S. No.	Technology Innovation Hubs (TIHs)	Host Institute (HI)	Technology Vertical (TV)
1	IIT Kharagpur AI4ICPS I-Hub Foundation	Indian Institute of Technology Kharagpur	Artificial Intelligence and Machine Learning
2	TIH Foundation for IOT and IOE	Indian Institute of Technology Bombay	Technologies for Internet of Things & Internet of Everything (Implementing the project titled BharatGen: A Suite of Generative AI Technologies for India)
3	IIIT-H Data I-Hub Foundation	International Institute of Information Technology, Hyderabad	Data Banks & Data Services, Data Analysis
4	I-HUB for Robotics and Autonomous Systems Innovation Foundation	Indian Institute of Science Bengaluru	Robotics & Autonomous Systems

S. No.	Technology Innovation Hubs (TIHs)	Host Institute (HI)	Technology Vertical (TV)
5	IHUB NTIHAC Foundation	Indian Institute of Technology Kanpur	Cyber Security and Cyber Security for Physical Infrastructure
6	IHUB Drishti Foundation	Indian Institute of Technology Jodhpur	Computer Vision, Augmented and virtual reality
7	Divyasampark IHUB Roorkee for Devices Materials and Technology Foundation	Indian Institute of Technology Roorkee	Device Technology and Materials
8	IIT Patna Vishlesan I-hub Foundation	Indian Institute of Technology Patna	Speech, Video & Text Analytics
9	IIT Madras Pravartak Technologies Foundation	Indian Institute of Technology Madras	Sensors, Networking, Actuator & controls
10	NMICPS Technology Innovation Hub on Autonomous Navigation Foundation (TiHAN)	Indian Institute of Technology Hyderabad	Autonomous Navigation and Data Acquisition systems (UAV, RoVetc)
11	I-DAPT-HUB Foundation	Indian Institute of Technology (Banaras Hindu University) Varanasi	Data Analytics & Predictive Technologies
12	IIT Guwahati Technology Innovation and Development Foundation	Indian Institute of Technology Guwahati	Technologies for under water exploration
13	IIT Mandi IHub and HCI Foundation	Indian Institute of Technology Mandi	Human Computer Interaction
14	I-Hub Foundation for Cobotics (IHFC)	Indian Institute of Technology Delhi	Cobotics
15	IIT Palakkad Technology Ihub Foundation	Indian Institute of Technology Palakkad	Intelligent Collaborative Systems

S. No.	Technology Innovation Hubs (TIHs)	Host Institute (HI)	Technology Vertical (TV)
16	IIT Ropar Technology and Innovation Foundation	Indian Institute of Technology Ropar	Technologies for Agriculture & Water
17	Technology Innovation in Exploration & Mining Foundation	Indian Institute of Technology Dhanbad	Technologies for Mining
18	IIITB Comet Foundation	International Institute of Information Technology Bengaluru	Advanced Communication System
19	BITS BioCYTiH Foundation	Birla Institute of Technology & Science Pilani	Bio-Cyber Physical Systems
20	IDEAS- Institute of Data Engineering, Analytics and Science Foundation	Indian Statistical Institute Kolkata	Data Science, Big Data Analytics and Data curation etc
21	IITI Drishti CPS Foundation	Indian Institute of Technology Indore	System Simulation, Modelling & Visualization
22	IHUB Anubhuti-IIITD Foundation	Indraprastha Institute of Information Technology Delhi	Cognitive Computing & Social Censing
23	I-Hub Quantum Technology Foundation	Indian Institute of Science Education and Research Pune	Quantum Technologies
24	IIT Tirupati Navavishkar I-Hub Foundation	Indian Institute of Technology Tirupati	Positioning and Precision Technologies
25	IIT Bhilai Innovation and Technology Foundation	Indian Institute of Technology Bhilai	Technologies for financial sector (Fintech)

Out of the above 25 TIHs, four have been upgraded to Technology Translation Research Parks (TTRPs), with an aim to significantly scale the

translational research, commercialization and industry engagement. Details of the TTRPs are as follows:

S. No	Name of the TTRP	Focus Area of the TTRP
1	IITI Drishti CPS Foundation, IIT Indore	Digital Healthcare
2	I-HUB for Robotics and Autonomous Systems Innovation Foundation, IISc Bangalore	Robotics & AI Systems
3	IHUB NTIHAC Foundation, IIT Kanpur	Cybersecurity
4	Technology Innovation in Exploration & Mining Foundation, IIT (ISM) Dhanbad	Mining (Exploration to Beneficiation of Minerals)

The Department of Atomic Energy (DAE) has established four Atal Incubation Centres namely AIC-BARC-ANUSHAKTI, AIC RRCAT PI-HUB Foundation, AIC-IGCAR-FAST Foundation and AIC-IPR Plasmatech Innovation Foundation focusing, which will focus on technology translation and commercialization of deeptech innovations to startups and industries.

The Council of Scientific and Industrial Research (CSIR) has established a world-class Innovation Complex (CSIR-IC) at Mumbai, with fully equipped and ready-to-move incubation labs and business-development support to the start-ups, MSMEs, deep-tech companies, CSIR and other public-funded research institutions. Additionally, a technology incubation centre-Foundation for Aerospace Innovation, Research and Entrepreneurship (FAIRE) has been established at CSIR-National Aerospace Laboratories (CSIR-NAL), Bengaluru by National Research Development Corporation (NRDC), in association with Foundation for Innovation and Social Entrepreneurship (FISE) to promote start-ups in the area of aerospace.

(c) to (d): Under DST, NM-ICPS has received proposals from IISc Bangalore and IIIT Bangalore for establishment of two TIHs namely, I-HUB for Robotics and Autonomous Systems Innovation Foundation at IISc Bangalore and IIITB Comet Foundation, which have been supported with a funding of ₹114.25 crore and ₹107.89 crore respectively. Although not fully focused on AI, the technology verticals of the two TIHs have AI components therein.

Under the National Initiative for Developing and Harnessing Innovations (NIDHI) program, DST has established Inclusive Technology Business Incubators (iTBI) across Karnataka to promote S&T-based entrepreneurship in the area of Artificial Intelligence and related technologies, one such iTBI namely BLDE Foundation for Innovation has been established at BLDE (Deemed to be University), Karnataka, with Medical Devices, Artificial Intelligence, Analytics and Machine learning in Healthcare, Digital Health-eHealth, mHealth, Regenerative Medicine as its thrust areas with funding support of Rs 1.95 crores.

(e) The Government is making concerted efforts and has initiated several steps as detailed above to promote collaboration between academia, start-ups, and industry to accelerate AI research and application in sectors such as healthcare, agriculture, governance under various missions/schemes such as DST's NM-ICPS & NIDHI, CoEs of Ministry of Education, Dept of Atomic Energy, CSIR, etc.
