GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 723
TO BE ANSWERED ON: 05.12.2025

ESTABLISHMENT OF CoE UNDER INDIA AI MISSION

723. SHRI SATNAM SINGH SANDHU:

Will the Minister of Electronics and Information Technology be pleased to state:

(a) the number of Centres of Excellence established under the IndiaAI Mission and their functional focus areas;
(b) whether Digital Public Infrastructures (DPUs) are being leveraged to build AI competencies across sectors; and
(c) the measures being taken to promote responsible and ethical AI in governance and education?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI JITIN PRASADA)

(a) to (c): Government of India has established 7 Centres of Excellence in emerging technology domain including Gaming/ VFX, AR/VR, Blockchain and IoT at different geographical locations. Details of these CoEs are placed at **Annexure-I**.

In March 2024, the Government of India approved the IndiaAI Mission with the aim to build a precise and cohesive strategy for the AI ecosystem catalyzing AI innovation through strategic programs and partnerships across the public and private sectors. Seven pillars of IndiaAI mission are as follows:

1. **IndiaAI Compute Capacity:** It aims to provide high-end compute power (GPUs) to all, including MSMEs and startups, at an affordable cost.
2. **IndiaAI Foundation Models:** To develop India's own Large Multimodal Models (LMMs) trained on Indian datasets and languages. This is to ensure sovereign capability and global competitiveness in generative AI.
3. **AIKosh:** To develop large datasets for training AI models. AIKosh is a unified data platform integrating datasets from government and non-government sources.
4. **IndiaAI Application Development Initiative:** This pillar aims to develop AI applications for India specific challenges in sectors such as climate change and disaster management, healthcare, agriculture, governance, and assistive technologies for learning disabilities.
5. **IndiaAI FutureSkills:** To develop AI skilled professionals in India by increasing the number of graduates, post-graduate and PhDs in AI domain. It also envisions setting up Data and AI Labs in Tier 2 and Tier 3 cities across India.

6. **IndiaAI Startup Financing:** To provide financial assistance to AI start-ups.
7. **Safe & Trusted AI:** To balance innovation with strong governance frameworks to ensure responsible AI adoption.

Digital Public Infrastructure (DPUs) are being leveraged to build AI competencies across sectors through various initiatives being undertaken by IndiaAI Mission.
Various initiatives are being taken under the Safe and Trusted AI pillar of IndiaAI Mission to promote responsible and ethical AI across multiple sectors especially on governance and education. Details are as follows:

- Establishment of IndiaAI Safety Institute for AI safety, security, and developing trust with diverse stakeholders.
- Diverse stakeholders including academia, startups, industry & government bodies engage through a hub-and-spoke model.
- 13 Responsible AI Projects underway covering Machine Unlearning, AI Bias Mitigation, Privacy-Enhancing Tools, AI Governance Testing, etc. (Details in **Annexure -II**).

The Government has released the India AI Governance Guidelines, a comprehensive roadmap for safe, inclusive, and responsible AI use.

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Annexure-I

Sr. No.	**Name of the CoEs**	**Partnership**
1	Gaming, VFX, Computer Vision & AI at Hyderabad	Govt. of Telangana, IIT Hyderabad, IIIT Hyderabad, Qualcomm, Hyderabad gaming associations such as Hyderabad Software Enterprises Association (HYSEA) and Telangana VFX, Animation and Gaming Association (TVAGA)
2	Virtual Augmented Reality (VAR) CoE at Bhubaneswar	Govt. of Odisha, IIT Bhubaneswar
3	Blockchain CoE at Gurugram	Govt. of Haryana, IBM and PadUp Ventures
4	Centre of Excellence – IoT, Gurugram, Haryana	NASSCOM
5	Centre of Excellence – IoT, Gandhinagar, Gujarat	NASSCOM
6	Centre of Excellence – IoT, Bengaluru, Karnataka	NASSCOM
7	Centre of Excellence – IoT, Vishakhapatnam, Andhra Pradesh	NASSCOM

Annexure-II

The details of the selected projects under "Safe & Trusted AI" Pillar are as under:

NAME OF THE THEME	SELECTED APPLICANT	TITLE OF THE PROJECT
Machine Unlearning	IIT Jodhpur	Machine Unlearning in Generative Foundation Models
Synthetic Data Generation	IIT Roorkee	Design and Development of Method for Generating Synthetic Data for Mitigating Bias in Datasets; and Framework for Mitigating Bias in Machine Learning Pipeline for Responsible AI
AI Bias Mitigation Strategy	National Institute of Technology Raipur	Development of Responsible Artificial Intelligence for Bias Mitigation in Health Care Systems
Explainable AI Framework	DIAT Pune and Mindgraph Technology Pvt. Ltd.	Enabling Explainable and Privacy Preserving AI for Security
Privacy Enhancing Strategy	IIT Delhi, IIIT Delhi, IIT Dharwad and Telecommunication Engineering Center (TEC)	Robust Privacy-Preserving Machine Learning Models
AI Ethical Certification Framework	IIIT Delhi and Telecommunication Engineering Center (TEC)	Tools for assessing fairness of AI model
AI Algorithm Auditing Tool	Civic Data Labs	ParakhAI - An open-source framework and toolkit for Participatory Algorithmic Auditing
AI Governance Testing Framework	Amrita Vishwa Vidyapeetham and Telecommunication Engineering Center (TEC)	Track-LLM, Transparency, Risk Assessment, Context & Knowledge for Large Language Models
Deepfake Detection Tool	IIT Jodhpur (CI) & IIT Madras	Saakshya: Multi-Agent, RAG-Enhanced Framework for Deepfake Detection and Governance

	IIT Mandi & Directorate of Forensic Services, Himachal Pradesh	AI Vishleshak: Improving Audio-Visual Deepfake Detection and Handwritten Signature Forgery Detection with Adversarial Robustness, Explainability & Domain Generalization
	IIT Kharagpur	Real-Time Voice Deepfake Detection System
Bias Mitigation	Digital Futures Lab & Karya	Evaluating Gender Bias in Agriculture LLMs- Creating Digital Public Goods (DPG) for Benchmarking and Fair Data Work
Penetration Testing & Evaluation	Globals ITES Pvt Ltd & IIIT Dharwad	Anvil: Penetration Testing & Evaluation Tool for LLM and Generative AI

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