GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 2212
TO BE ANSWERED ON: 12.03.2025

INDIAAI MISSION IN TAMIL NADU

2212. THIRU DAYANIDHI MARAN:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

(a) the amount of funds likely to be allocated out of the 2,000 crore sanctioned for IndiaAI Mission in 2025-26 to Tamil Nadu-based institutions, AI startups and research projects;
(b) whether the Government has any plans or proposals to set up dedicated data centres to further the IndiaAI Mission;
(c) if so, whether any of these data centres would be established in Tamil Nadu considering its strong IT infrastructure in Chennai, Coimbatore and Hosur;
(d) the number of AI-related jobs which are expected to be created in the country under this mission;
(e) whether there would be State-specific skilling programmes to prepare the workforce for AIdriven jobs through institutions and if so, the details thereof;
(f) whether there are any State-specific targets under the IndiaAI Mission and proposals are being considered to develop investments in AI technology for Tamil Nadu's automobile and healthcare industries; and
(g) if so, the details thereof?

ANSWER

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

(a) to (g):IndiaAI mission is being implemented as a National project and the funds approved under the program is utilised for creating AI infrastructure, Datasets platforms, tools and application for entire country including Tamil Nadu. For AI infrastructure, India AI mission is not setting up DataCentres but is making affordable compute accessible to AI Start Ups, researches and entrepreneurs at a cost which is lower than global prices. This is accessible to all users across the country. Further details about the IndiaAI mission are as under :

The Government of India emphasizes the concept of 'AI for All,' aligning with the Hon'ble Prime Minister's vision to democratise use of technology. This initiative aims to ensure that AI benefits all sectors of society, driving innovation and growth.

India is regarded as the skills capital in technology and Artificial Intelligence. The most reliable ranking in AI is placing India among the top countries with AI Skills, AI capabilities, and policies to use AI. Stanford University has ranked India among the top four countries along with the US, China, and the UK in the Global and National AI vibrancy ranking based on 42 indicators. GitHub, which is community of developers has ranked India at the top with the global share of 24% of all projects.

Government is committed to harnessing the power of Artificial Intelligence (AI) for the good of our people in sectors like healthcare, agriculture and education. At the same time, the Government is cognizant of the risks posed by AI.

Union Cabinet led by Hon'ble Prime Minister has approved the IndiaAI Mission on 7th March 2024, a strategic initiative to establish a robust and inclusive AI ecosystem that aligns with the country's development goals. This mission is driven by a vision to position India as

a global leader in artificial intelligence by focusing on seven foundational pillars. The IndiaAI Mission is a national initiative aimed at fostering AI growth across the country including Tamil Nadu.

The Mission is being implemented by IndiaAI Independent Business Division (IBD) under Digital India Corporation, and key actions undertaken for implementation of the IndiaAI Mission are as below:

IndiaAI Compute:

- IndiaAI compute pillar envisions building a high-end scalable AI computing ecosystem comprising AI compute infrastructure of 10,000 or more Graphics Processing Units (GPUs).
- Applications were invited for Empanelment of Agencies for providing AI services on Cloud on 16th August 2024. The bid submission was closed on 28th November 2024 and 19 bidders have submitted bids in response to the request out of which 10 bidders were qualified for financial bid opening.
- Against the target of 10,000 GPUs outlined in the IndiaAI compute pillar, technically qualified bidders have submitted 18,693 GPUs for empanelment. It may also be noted that 15120 of the proposed GPUs for empanelment include high precision GPUs.
- Out of 18,693 GPUs offered, 14,461 GPUs are already installed on the bidder"s infrastructure and are available for immediate use. Additionally, there is further GPU capacity available with the bidders who were not technically qualified.
- The prices quoted by the bidders are highly competitive and average discount from market prices for all GPUs is 42 %. Average discount from market prices for higher precision GPUs it is 47%. Average rate per GPU is ₹115.85/hour and Average rate per Higher precision GPU is ₹150/hour.
- To keep pace with the changes in technologies, IndiaAI enabled a continuous empanelment process inviting fresh proposals from the empaneled agencies for onboarding new GPUs and discovering any revised rates.

IndiaAI FutureSkills:

- IndiaAI FutureSkills Pillar envisions to augment the number of graduates, post-graduate and PhDs in AI domain. Further, it envisions setting up Data and AI Labs in Tier 2 and Tier 3 cities across India, to impart foundational-level courses in Data and AI.
- IndiaAI fellowship are being awarded annually to 400 B.Tech and 500 M.Tech students working in AI domain from All India Council for Technical Education (AICTE) recognized engineering institutions. **A total of 51 students from Tamil Nadu, 38 B.Tech students from 9 academic institutes, and 13 M.Tech students from 2 academic institutes have been selected for the IndiaAI Fellowship**.
- Top 50 National Institutional Ranking Framework (NIRF) ranked research institutes have been asked to take new PhD scholars under IndiaAI PhD fellowship.
- A model IndiaAI Data Lab in the National Institute of Electronics & Information Technology (NIELIT's), Delhi has been set up, which acts as a reference point for the infrastructure to be set up in Tier 2 and Tier 3 cities as a part of the initiative.
- All the 36 States and Union Territories (UTs) have been requested to submit their nominated list of Industrial Training Institutes (ITIs)/Polytechnics located in Tier 2 and Tier 3 cities for setting up of Data Labs. Additionally, IndiaAI in collaboration with NIELIT plans to establish 27 data labs in Tier 2 and Tier 3 cities across the country, details of which are placed at **Appendix I.**

IndiaAI Startup Financing:

- IndiaAI Startup Financing pillar is to provide support to AI startups at all stages. Multiple rounds of stakeholder consultations have been held to deliberate on the scheme for supporting AI Startups at Pre-Seed, Seed and Growth stage.

- In collaboration with STATION F and HEC Paris, the IndiaAI Mission has launched an acceleration program for Indian AI startups. This four-month immersive program (1 month online, 3 months onsite at STATION F in Paris) at the world's largest startup campus will provide 10 selected AI startups with access to mentorship, networking, and global market expansion opportunities in Europe.

IndiaAI Innovation Centre:

- IndiaAI Innovation centre aims to develop and deploy indigenous Large Multimodal Models (LMMs) trained on India-specific data
- A Call for Proposals has been launched under this pillar to support the development of foundational AI models, inviting startups, researchers, and entrepreneurs to collaborate on creating state-of-the-art AI models using Indian datasets. This initiative aims to establish indigenous AI models, which can be Large Multimodal Models, Large Language Models (LLM), or Small Language Models (SLM), to address India-specific challenges across various sectors.

IndiaAI Datasets Platform:

- The IndiaAI Datasets Platform (IDP) seeks to enhance access, quality, and utilization of public sector datasets to make them AI-ready. The IDP aims to function as a unified data platform, integrating datasets from all existing data platforms as well as onboarding non-government data contributors and providing new-age AI-centric features
- To provide a unified portal for seamless access to datasets, tools and AI models, AIKosha: IndiaAI Datasets Platform. AIKosha is a secured platform that provides a repository of datasets, models and use cases to enable AI innovation. It also features AI sandbox capabilities through an integrated development environment along with tools and tutorials. The platform is equipped with the features like content discoverability, AI readiness scoring of datasets, permission-based access & security mechanisms like data encryption at rest and in motion, secure API, and firewalls for real-time filtering of malicious traffic.

IndiaAI Applications Development Initiative:

- IndiaAI Application Development Initiative aims to develop, scale, and promote the adoption of impactful AI solutions to effectively tackle significant problem statements.
- IndiaAI Innovation challenge was launched on 13th August 2024 for the themes of healthcare, agriculture, improved governance, climate change & disaster management and assistive technologies for learning disabilities. The Innovation Challenge was open to Indian innovators, startups, non-profits, students, academic/R&D organizations, and companies. A total of 900 applications have been received across the five focus areas by the deadline of 30th September. Following a rigorous evaluation process, 30 AI solutions have been shortlisted for the next stage across three stages of maturity: Idea, Prototype, and Existing Solutions.
- CyberGuard AI Hackathon was launched on 17th October 2024 for Cybercrime prevention in collaboration with the Indian Cybercrime Coordination Centre (I4C) and in response 263 responses have been received. Shortlisted 20 teams have participated in 3 days hackathon and evaluation is underway to identify the winners.

Safe & Trusted AI:

- This pillar enables the implementation of Responsible AI projects including the development of indigenous tools and frameworks, self-assessment checklists for innovators, and other guidelines and governance frameworks.
- Eight Responsible AI Projects have been selected to address the need for robust guardrails to ensure the responsible development, deployment, and adoption of AI

technologies. The projects cover a range of critical themes, including Machine Unlearning, Synthetic Data Generation, AI Bias Mitigation, Ethical AI Frameworks, Privacy-Enhancing Tools, Explainable AI, AI Governance Testing, and Algorithm Auditing Tools. The details of the selected projects are given at **Appendix II.**

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Appendix I

List of Data & AI labs planned by IndiaAI in collaboration with NIELIT in Tier 2 and Tier 3 cities across the country:

S.No.	NIELIT Centre	State/UT
1	Gorakhpur	Uttar Pradesh
2	Lucknow	Uttar Pradesh
3	Shimla	Himachal Pradesh
4	Aurangabad	Maharashtra
5	Patna	Bihar
6	Buxar	Bihar
7	Muzaffarpur	Bihar
8	Kurukshetra	Haryana
9	Ropar	Punjab
10	Haridwar	Uttarakhand
11	Bikaner	Rajasthan
12	Tezpur	Assam
13	Bhubaneswar	Odisha
14	Calicut	Kerala
15	Guwahati	Assam
16	Itanagar	Arunachal Pradesh
17	Srinagar	J&K
18	Jammu	J&K
19	Ranchi	Jharkhand
20	Imphal	Manipur
21	Gangtok	Sikkim
22	Agartala	Tripura
23	Aizawl	Mizoram
24	Shillong	Meghalaya
25	Kohima	Nagaland
26	Leh	Ladakh
27	Silchar	Assam

APPENDIX 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

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