

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 300**  
TO BE ANSWERED ON: 27.11.2024

**IMPLEMENTATION OF THE INDIAAI MISSION**

**300: DR. VINOD KUMAR BIND:  
SHRI PRATAP CHANDRA SARANGI:  
SHRI P P CHAUDHARY:**

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

- (a) the timeline for implementation of the IndiaAI mission and its seven key components;
- (b) the specific targets set for the development of AI computing capacity including the number of GPUs to be installed and the timeline for their deployment;
- (c) the measures planned to ensure equitable access to the AI computing ecosystem and datasets platform for startups and researchers across the country;
- (d) the details of collaborations planned with educational institutions to implement the IndiaAI Future Skills programme particularly in Tier 2 and Tier 3 cities; and
- (e) the specific measures being taken under the Safe & Trusted AI pillar to ensure responsible AI development and address potential ethical concerns?

**ANSWER**

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

(a) to (e): AI is an emerging field. The most reliable ranking in AI is placing India among the four countries with the highest AI capabilities and policy to use AI. Stanford University has ranked India at the top for AI skill penetration.

Github, which is community of open-source developers has also ranked India at the top with the global share of 24.19% of all projects.

Practically on all parameters, India ranks very high on AI Skills, AI development projects and AI policy. Stanford has also ranked India among top four along-with US, China and UK in Global and National AI vibrancy ranking based on 42 indicators.

Union Cabinet led by Hon'ble Prime Minister Shri Narendra Modi ji has approved the IndiaAI Mission on 7<sup>th</sup> March 2024. This mission is driven by a vision to position India as a global leader in artificial intelligence by focusing on seven key pillars:

1. **IndiaAI Compute:** The 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).
2. **IndiaAI Innovation Centre (IAIC):** The AI Innovation centre aims to develop and deploy indigenous Large Multimodal Models (LMMs) trained on India-specific data.
3. **IndiaAI Datasets Platform:** The IndiaAI Datasets Platform (IDP) seeks to enhance access, quality, and utilization of public sector datasets to make them AI-ready.
4. **IndiaAI Application Development Initiative:** The IndiaAI Application Development Initiative aims to develop, scale, and promote the adoption of impactful AI solutions to effectively tackle significant problem statements.
5. **IndiaAIFutureSkills:** 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.

6. **IndiaAI Startup Financing:** For providing support to AI startups at all stages.
7. **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.

The implementation of 'IndiaAI Mission' with a total outlay of Rs. 10,371.92 Cr is for a period of 5 years.

IndiaAI FutureSkills Pillar envisions to augment the number of graduate and post-graduate in AI domain by awarding IndiaAI fellowship to B.Tech and M.Tech students of all the All India Council for Technical Education (AICTE) recognized engineering institutions. Further, 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 on National Institute of Electronics & Information Technology (NIELIT's) premises at Karkardooma Institutional Area, Delhi has been setup, which acts as a reference point for the infrastructure to be set up 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 Annexure 1.

Under IndiaAI Mission eight Responsible AI Projects have been selected against the Expression of Interest (EoI) floated under the Safe and Trusted AI Pillar of the IndiaAI Mission.

These projects address the need for robust guardrails to ensure the responsible development, deployment, and adoption of AI technologies. The selected projects focus on developing indigenous tools and frameworks and establishing guidelines for ethical, transparent, and trustworthy AI. 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 Government has also constituted an Advisory Group on AI for India-specific regulatory AI framework under the chairmanship of PSA to Hon'ble Prime Minister of India with diverse stakeholders from academia, Industry and government with an objective to address all issues related to development of Responsible AI framework for safe and trusted development and deployment of AI.

\*\*\*\*\*

**Annexure 1****List of Data & AI labs planned by IndiaAI in collaboration with NIELIT in Tier 2 and Tier 3 cities across the country:**

<b>S.No.</b>	<b>NIELIT Centre</b>	<b>State/UT</b>
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

\*\*\*\*\*