

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 249**  
TO BE ANSWERED ON: 27.11.2024

**AI PREPAREDNESS INDEX**

**249 SHRI SUBBARAYAN K:  
COM. SELVARAJ V:**

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

- (a) whether it is a fact that India stands at 80<sup>th</sup> spot at the Artificial Intelligence (AI) preparedness Index across 174 countries based on several indicators across four dimensions viz. digital infrastructure, human capital, technological innovation and legal framework; and
- (b) if so, the details thereof and the Government's reaction thereto?

**ANSWER**

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

(a) and (b): AI is an emerging field. Hon'ble Prime Minister Shri Narendra Modi Ji has approved setting up of an AI Mission to take leadership in this new field. We are focusing on solving problems in Agriculture, Education, Healthcare, Weather Forecasting, Logistics and many other fields using AI application.

The most reliable ranking in AI is placing India among the top countries with the AI Skills, AI capabilities and policy to use AI.

Stanford University has ranked India at the top for AI skill penetration.

Github, which is community of developers has 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 University has ranked India among top four countries along-with US, China and UK in Global and National AI vibrancy ranking based on 42 indicators.

India chaired the Global Partnership on AI in December 2023 and July 2024.

AI technologies have a tremendous potential to transform societies and individuals. To develop a robust, safe and trusted AI innovation ecosystem in the country, Government of India has taken following necessary steps:

1. Union Cabinet led by Hon'ble Prime Minister Shri Narendra Modi ji 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:
  - a) **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).
  - b) **IndiaAI Innovation Centre (IAIC):** The AI Innovation centre aims to develop and deploy indigenous Large Multimodal Models (LMMs) trained on India-specific data.
  - c) **IndiaAI Datasets Platform:** The IndiaAI Datasets Platform (IDP) seeks to enhance access, quality, and utilization of public sector datasets to make them AI-ready.
  - d) **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.

- e) **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.
  - f) **IndiaAI Startup Financing:** For providing support to AI startups at all stages.
  - g) **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.
2. Launch of "National AI Portal" (<https://indiaai.gov.in/>) which serves as a comprehensive repository of Artificial Intelligence (AI) initiatives in the country. The portal acts as a single point of reference for individuals, researchers, and industry professionals seeking information about AI initiatives in India, including academic research, startups, policy initiatives, and other related information.
  3. India is a founding member of Global Partnership on Artificial Intelligence (GPAI), having joined the multi-stakeholder initiative on June 15, 2020. India is the chair of Global Partnership of AI for 2024 and hosted the GPAI summits in December 2023 and July 2024 which led to the expansion of GPAI into an Integrated Partnership with OECD with 44 members from the earlier 29 members.
  4. MeitY has initiated 'FutureSkills PRIME' a digital skilling initiative for re-skilling/upskilling of IT manpower for employability in 10 new/emerging technologies. These include AI, Blockchain, Robotics, Big Data & Analytics, IoT, Virtual Reality, Cybersecurity, Cloud Computing, 3D Printing and Web 3.0. About 20 Lakh users have registered on the FutureSkills PRIME platform.
  5. 'Visvesvaraya PhD Scheme' with the objective to enhance the number of PhDs in Electronics System Design & Manufacturing (ESDM) and IT/IT Enabled Services (IT/ITES) sectors including AI and Emerging Technologies.
  6. MeitY along with CDAC has also implemented the project on AIRAWAT (AI Research, Analytics and Knowledge Dissemination Platform) for providing a common compute platform for AI research and knowledge assimilation. This AI computing infrastructure is being used by all technology innovation hubs, research labs, scientific communities, industry and start-ups, and institutions with National Knowledge Network.
  7. NIC has setup a Centre of Excellence in AI which is involved in facilitating AI as a Service through on Meghraj cloud with 7 AI PFlops supercompute facility created at Delhi and 5 AI PFlop in Kolkata.

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