

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 594**  
TO BE ANSWERED ON: 06.12.2023

**USES OF AI**

**594: SHRI VELUSAMY P:**

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

- (a) whether there is any proposal to regulate the usage of Artificial Intelligence (AI) and allied technologies by the Government and if so, the details thereof;
- (b) the steps taken by the Government to encourage the usage of AI and its tools to bring in efficiency in governance;
- (c) the manner in which the Government envisages to keep the usage of AI and allied technologies safe for the citizens; and
- (d) whether there is a proposal to bring a law to regulate AI and allied technologies and if so, the details thereof?

**ANSWER**

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY  
(SHRI RAJEEV CHANDRASEKHAR)

(a), (c) and (d): The policies of the Government are aimed at ensuring an Open, Safe, Trusted and Accountable Internet for all Digital Nagriks. Artificial Intelligence is the greatest invention in recent times and the Government expects artificial intelligence to be a kinetic enabler of India's fastgrowing digital and innovation economy. The Government wants that AI is available with safety and trust for all our digital nagriks and to avoid the negative use of AI. Government has received various suggestions about regulating user harms caused by emerging technologies. However, the Government is fully cognizant of this and has already established a framework for regulating user harms through the IT Act in May, 2021 and advanced it with amended IT rules in October 2022 and April 2023.

(b): To develop a robust, safe and trusted AI innovation ecosystem in the country, Government is taking all necessary steps in policies and infrastructure.

The following are the details:

- i. The Government has constituted 7 expert groups to deliberate and prepare a design document on IndiaAI. The first edition of IndiaAI expert group report detailed out the operational aspects of establishing Centers of Excellence (CoEs) on AI, and the institutional framework on governing data collection, management, processing and storage by the National Data Management Office (NDMO). The report also recommends on how India can leverage its demographic dividend and play to its strengths as an IT superpower to further the penetration of IndiaAI skills in the country, strengthening the IndiaAI compute infrastructure in India to support IndiaAI innovation through public-private partnerships (PPPs). The copy of the report is available at MeitY website.
- ii. Government has published the National Strategy for Artificial Intelligence in June 2018 and proposes to develop an ecosystem for the research and adoption of Artificial Intelligence i.e. #AI for ALL.
- iii. MeitY has established Centres of Excellence in various emerging technologies including Artificial Intelligence to explore opportunities in these specialized fields. These centres provide start-ups with premium plug-and-play co-working spaces and access to the ecosystem.
- iv. MeitY has launched the "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.
- v. India is a founding member of Global Partnership on Artificial Intelligence (GPAI), having joined the multi-stakeholder initiative on June 15, 2020. India has won more than two-thirds of first preference votes and has been entrusted with the responsibility of incoming council chair of the GPAI in November 2022. GPAI is an international and multi-stakeholder initiative to guide the responsible development and use of AI, grounded in human rights, inclusion, diversity, innovation, and economic growth.
  - vi. **Research:** Department of Science & Technology is implementing the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) to promote R&D, Human Resource Development (HRD), Technology Development, Entrepreneurship Development, International Collaboration etc. As part of this Mission 25 Technology Innovation Hubs (TIHs) in advanced technologies have been established in reputed institutes across the country. The TIHs at IIT Kharagpur, IIIT Hyderabad and IIT BHU are working towards Artificial Intelligence and Data Science.
  - vii. **Expertise & Skilling:**
    - a) MeitY has initiated 'FutureSkills PRIME' a programme for Re-skilling/Up-skilling 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.
    - b) Government has initiated '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.
    - c) Government has launched Responsible AI for Youth 2022, on July 30, 2022. The Programme was designed to reach out to students from Government schools on pan India basis and provide them with an opportunity to become part of the skilled workforce in an inclusive manner. The programme impacted 52,628 students across 35 States and UTs, empowering youth with necessary AI skillsets, who had limited or no access to the latest technologies and resources.
    - d) National e-Governance Division (NeGD), MeitY in collaboration with its partners, has launched 'YUVAi: Youth for Unnati and Vikas with AI'- A National Programme for School Students with the objective of enabling school students from classes 8<sup>th</sup> to 12<sup>th</sup> with AI tech and social skills in an inclusive manner. The programme will provide a platform for youth to learn and apply AI skills in 8 thematic areas- Krishi, Aarogya, Shiksha, Paryavaran, Parivahan, Grameen Vikas, Smart Cities and Vidhi aur Nyaay.
  - viii. **Infrastructure:**
    - a) MeitY along with CDAC has also initiated a Proof-of-Concept (PoC) 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 will be used by all Technology innovation hubs, Research Labs, Scientific Communities, Industry, and Start-Ups institutions with National Knowledge Network. The PoC for AIRAWAT is developed with 200 petaflops Mix Precision AI Machine which will be scalable to a peak compute of One AI Exaflop.
    - b) 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 PFlopssupercompute facility created at Delhi and 5 AI PFlop in Kolkata.

\*\*\*\*\*