GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1340
TO BE ANSWERED ON: 02.08.2024

ARTIFICIAL INTELLIGENCE (AI) IN GOVERNMENT SECTOR

1340. SHRI PARIMAL NATHWANI:

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

(a) the details of the position of Artificial Intelligence (AI), Open AI and Generative AI in the Government sector;
(b) the details of Government Departments and /or organisations that use AI technologies extensively; and
(c) the details of the mechanism Government has to keep itself updated with the latest in AI and Information Technology (IT) technologies and implementation of the same?

ANSWER

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

(a) to (c):The Government has taken the following steps for leveraging AI:

I. **IndiaAI Mission:** The Cabinet has approved the IndiaAI Mission at a total outlay of Rs. 10,371.92 Crores as a comprehensive programme for leveraging transformative technologies to foster inclusion, innovation and adoption for social impact as well as to make India a global leader in the Al space and ensure responsible and transformational use of Al for All. The India AI mission seeks to foster responsible and inclusive growth within India's AI landscape by democratizing access to computing resources, enhancing data quality, nurturing homegrown AI expertise, attracting top talent, fostering industry partnerships, supporting startup ventures, promoting socially impactful AI projects, and emphasizing ethical practices in AI.

II. **BHASHINI**: MeitY has launched Mission Digital India Bhashini in the year 2022 with an outlay of Rs 495.51 crore for three-year duration. The aim is to develop core language technologies for speech and text translation for 22 scheduled Indian languages in open source to help transcend language barriers in the digital medium. A national public digital platform http://bhashini.gov.in has been developed to proliferate language technology solutions.

III. 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. The 200 AI Petaflops AIRAWAT PoC integrated with 210 AI Petaflops of PARAM SiddhiAI has been ranked 75th in Top500 List.

IV. National Informatics Centre (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.

V. Ministry of Agriculture and Farmer's Welfare has implemented AI enabled KISAN E-Mitra bot in 11 Indian languages to facilitate farmers and other users to know details on PM-KISAN.

VI. Ministry of Finance and Ministry of Commerce and Industry are making use of Artificial Intelligence for fraud detection in Goods and Services Tax Network (GSTN) and Government e-Marketplace (GeM) respectively.

VII. Ministry of Law and Justice is making use of AI enabled SUVAS (Supreme Court VidhikAnuvaad Software), which is assisting in the translation of judgments into regional languages.

VIII. Parliament of India is also keeping pace with the AI revolution. Digital Sansad App, powered by AI, is streamlining legislative processes, enhancing transparency, and improving citizen engagement. This innovative platform ensures accurate transcription of parliamentary proceedings, setting a precedent for efficient governance. Additionally, softwares for automatic balloting and audio-visual resources have further modernized our parliamentary operations.

IX. Railways has compiled number of use cases concerning Passenger Business, Freight, Track Infrastructure, Signaling, Overhead Equipment, Locomotive, Carriage & Wagon, Material Management, Finance, Human Resource Management & Security where Artificial Intelligence can be used for improving railway services.

X. The Department of Rural Development uses AI/ML in schemes like AwaasSoft for Pradhan Mantri Awas Yojana-Gramin (PMAY-G), the Area Officer app for worksite inspections, Pradhan Mantri Gram Sadak Yojana (PMGSY) for flagging suspicious maintenance payments, DeenDayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) for detecting irregularities in placement documents, and Mahatma Gandhi National RuralEmployment Guarantee Schemes (MGNREGA) for asset construction detection from photographs.

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