GOVERNMENT OF INDIA
MINISTRY OF PLANNING

RAJYA SABHA

UNSTARRED QUESTION NO. 950
TO BE ANSWERED ON 08.12.2025

ARTIFICIAL INTELLIGENCE (AI) IN NATIONAL PLANNING

950 Shri Satnam Singh Sandhu:

Will the Minister of ***Planning*** be pleased to state:

(a) the steps taken by Government to integrate Artificial Intelligence (Al) in national planning, governance, and policy-making;

(b) whether Government has initiated any projects or collaborations to utilize Al-driven data analytics, forecasting, and decision-making for economic and infrastructure planning, if so, the details thereof;

(c) the sectors where Al is being deployed to enhance efficiency in public services, resource allocation, and social welfare schemes;

(d) whether Government has developed any framework or regulatory measures to ensure ethical Al usage and data security in governance; and

(e) the details of funds allocated for Al research and capacity-building in planning institutions and Government agencies?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF STATISTICS & PROGRAMME IMPLEMENTATION; MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF PLANNING AND MINISTER OF STATE IN THE MINISTRY OF CULTURE

(RAO INDERJIT SINGH)

(a) to (e) The Government has undertaken several major initiatives to integrate Artificial Intelligence (AI) into national planning, governance, and policy-making. The details are as follows:

1. Launched on 7th March 2024 IndiaAI Mission is a strategic initiative to establish a robust and inclusive AI ecosystem that aligns with the country's development goals. The mission is driven by a vision to position India as a global leader in artificial intelligence by focusing on seven foundational pillars.

   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, the mission seeks to foster responsible and inclusive growth within India's AI landscape.

2. The **IndiaAI Compute** pillar focuses on creating a high-end, scalable AI computing ecosystem to deliver Compute-as-a-Service for India's rapidly growing AI startups and research community. So far, over 38,000 +GPUs have been made available at subsidized rates through the IndiaAI Compute portal.
3. The **IndiaAI Application Development Initiative (IADI)** is designed to foster the development and adoption of at least 25 impactful AI solutions that can drive large-scale socio-economic transformation. The first Innovation Challenge, launched in 2024, targeted critical sectors such as climate change and disaster management, healthcare, agriculture, governance, and assistive technologies for learning disabilities. Thirty applications have advanced to the prototyping phase. Additionally, sector-specific hackathons/ Innovation Challenges have been closed with the Indian Cybercrime Coordination Centre, the Geological Survey of India and National Cancer Grid (NCG) to encourage focused AI solution development.
4. **AIKosh**, the IndiaAI Datasets Platform, is envisioned as a unified data platform integrating datasets from government and non-government sources. Launched in beta in March 2025, it currently features over 3986 datasets, 251 AI models, and 27 development toolkits. AIKosh prioritizes data quality scoring, robust search and filtering. The mission is actively engaging ministries, departments, and state agencies to onboard additional datasets, supported by sectoral workshops and data-sharing agreements.
5. The **IndiaAI Foundation Models** pillar focuses on developing India's own **Large Multimodal Models (LMMs)** trained on Indian datasets and languages, with the objective of enhancing national technological capability and reducing dependence on

foreign AI systems. Twelve organisations and consortia, including startups, industry players and academic institutions, including Sarvam AI, Soket AI, Gnani AI, Gan AI, Avatar AI, IIT Bombay Consortium (BharatGen), GenLoop, Zentieq, Intellihealth, Shodh AI, Fractal Analytics Ltd. and Tech Mahindra Maker's Lab, have been selected for developing Large and Small Language Models based on Indian datasets.

6. **IndiaAI FutureSkills:** The IndiaAI FutureSkills pillar aims to develop a strong pool of AI-skilled professionals and to strengthen regional AI innovation across the country. The programme will support 500 PhD fellows, 5,000 master's students, and 8,000 undergraduate students through targeted funding for AI capacity building. This includes fellowships at the PhD, postgraduate, and undergraduate levels, with more than 228 fellowships awarded to date.
7. The **IndiaAI Startup Financing** pillar addresses the critical need for risk capital across the entire lifecycle of AI startups—from prototyping to commercialization. This includes the IndiaAI Startups Global program, launched in collaboration with Station F (Paris) and HEC Paris, in order to support 10 Indian AI startups in expanding into the European market. A scheme for setting up of AI-CoEs in collaboration with MeitY, State/ UTs and industry partners has been approved.
8. The **Safe & Trusted AI** pillar seeks to balance innovation with strong governance frameworks to ensure responsible AI adoption. Recognizing India's diverse social, cultural, economic, and linguistic landscape, this pillar focuses on developing contextualized instruments of AI governance. Thirteen projects focusing on diverse themes have been selected through Expression of Interest process and are currently under development, ensuring adequate guardrails for protecting the safety, security, and trust of citizens.
9. The **India AI Governance Guidelines**, is a comprehensive framework that ensures safe, inclusive, and responsible AI adoption across sectors.
10. NITI Aayog, through its Frontier Technologies Hub (FTH), is developing roadmaps to assess the impact of AI and chart the way forward across four key areas of disruption - Citizen Impact, Industry Transformation, Governance, and, Global Leadership. In accordance to this, the NITI Aayog has so far published following five roadmaps:

i. **AI for Viksit Bharat:** This roadmap outlines an additional economic value of USD 1.7 Trillion for India that can be unlocked with AI through two major levers – accelerating adoption of AI in priority sectors (Manufacturing, Finance, Pharma, Automotive), and, transforming R&D with AI to leapfrog into innovation led global opportunities.

ii. **AI for Inclusive Societal Development:** This roadmap highlights how India's Viksit Bharat ambitions can only be achieved if AI and frontier technologies positively impact about 50 Crore informal workforce by multiplying their productivity ten times by 2047. The roadmap further identifies systemic barriers that can be overcome with the intentional application of technology.

iii. **Roadmap for Job Creation in AI Economy:** This roadmap focuses on jobs in the technology sector and calls out the potential loss of about 20 lakh jobs that the sector faces and the possibility to create 40 lakh new jobs with intentional action. The roadmap further highlights how these new jobs will be hyper-specialised and require skills that our current workforce does not have. It proposes actions to make our workforce ready for future roles and maximize the opportunity for India.

iv. **Reimagining Manufacturing:** This roadmap highlights the importance of advanced manufacturing in securing the future resilience and growth of India's manufacturing sector. The roadmap highlights a lost opportunity of USD 270 Bn in GDP by 2035 without focusing adequately on advanced manufacturing. However, the roadmap, with appropriate action, lays out a path to Manufacturing Sector contributing 25% of India's GDP up from the current 15-17%.

v. **Reimagining Agriculture:** This roadmap identifies the need for a holistic technology led approach to Agriculture in India to face 21st century challenges of climate volatility, resource depletion, and persistently low smallholder incomes. It highlights how Agriculture must become data-driven and technology led to break away from incremental progress and realize a transformative shift.

These roadmaps (para 10 – i to v) are available on the NITI Aayog website.

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