GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 5301
TO BE ANSWERED ON: 25.03.2026

GENERATIVE ARTIFICIAL INTELLIGENCE

5301. SHRI P C MOHAN:

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

(a) whether the Government has taken steps to promote and support startups working in Generative Artificial Intelligence (GenAI) and related technologies;
(b) if so, the details of funding incubation and research support programmes launched under Digital India, MeitY Startup Hub or other national innovation missions;
(c) whether Bengaluru, being India's leading technology and innovation hub has been identified for special GenAI incubation clusters or research centres and if so, the details thereof;
(d) the number of Artificial Intelligence (AI) or GenAI startups currently operating in Bengaluru and the support extended to them; and
(e) the future plans to strengthen India's global leadership in AI innovation while ensuring responsible and ethical use of Generative AI technologies?

ANSWER

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

(a) to (e): India's AI strategy is based on the Hon'ble Prime Minister's vision to democratize the use of technology. It aims to address India centric challenges, create economic and employment opportunities for all Indians. Government is committed to harnessing the power of Artificial Intelligence (AI) for the good of our people in sectors like healthcare, agriculture and education while mitigating risks associated with AI deployment.

Towards this goal, Government of India approved the IndiaAI Mission in March 2024, the. Various initiatives have been undertaken under IndiaAI mission, outlined as follows:

Development of India's Sovereign Models
Government is supporting Twelve (12) foundational models under the AI Mission. Models developed by Sarvam AI, BharatGen, Gnani and Socket were launched during the IndiaAI Impact Summit 2026.

These models represent important progress in building India's own AI capabilities tailored to local languages and use-cases.

Promoting Indian start-ups to get global opportunities:
The IndiaAI Startups Global program was launched in collaboration with Station F (Paris) and HEC Paris. Under this program, 10 Indian AI startups have been selected and supported to expand into the European market. Details are at **Annexure-I**.

It supports Indian AI startups in accessing global innovation ecosystems and expanding into international markets. These startups are already developing innovative solutions across sectors such as governance, smart cities, document intelligence, and enterprise automation.
Their work highlights the growing maturity of India's AI startup ecosystem and its ability to build practical, deployment-ready solutions.

Development of AI Applications:
Further, under the IndiaAI Mission, thirty (30) applications have been selected focusing on India-specific problems. These applications belong to critical sectors notably agriculture, health, climate change and natural disaster. Details are at **Annexure-II**.

Collaboration with other departments/ministries:
Sector-specific hackathons and innovation challenges have also been organised with the Indian Cyber Crime Coordination Centre (I4C), the Geological Survey of India, Ministry of Ayush, Ministry of MSME, NFRA and National Cancer Grid (NCG) to further encourage focused AI solution development.

From these hackathons and innovation challenges, 10 startups have been identified for scaling up the solutions.

Strengthening AI research ecosystem in India
Government is developing an extensive AI talent and research pipeline by supporting 500 PhD fellows, 5,000 postgraduates and 8,000 undergraduates.

27 IndiaAI Data and AI Labs have been established in Tier-2 and Tier-3 cities through NIELIT to conduct coursework in AI, data curation, annotation, cleaning and applied data science

543 ITIs and Polytechnics across all States/UTs have been approved to set up additional IndiaAI Data and AI Labs

More than 250 fellowships have already been awarded under the programme to promote high-quality research in Artificial Intelligence

AI Centre of Excellence
Government is establishing Artificial Intelligence Centres of Excellence (AI-CoEs) across States and Union Territories in a collaborative model State/UTs and Industry Partners. These CoEs aims to nurture skilled professionals through targeted talent development programs in emerging tech domains.

In addition, 7 Centres of Excellence have been established in emerging technology domain including Gaming/ VFX, AR/VR, Blockchain, IoT at different geographical locations. Details of these CoEs are placed at **Annexure-III**.

Responsible and safe AI:

Various initiatives have been taken to promote responsible and ethical AI across multiple sectors especially on governance and education. Details are as follows:

- Establishment of IndiaAI Safety Institute for AI safety, security, and developing trust with diverse stakeholders.
- Diverse stakeholders including academia, startups, industry & government bodies engage through a hub-and-spoke model.
- 13 Responsible AI Projects are underway covering Machine Unlearning, AI Bias Mitigation, Privacy-Enhancing Tools, AI Governance Testing, etc. (Details in **Annexure-IV**.

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The final list of 10 Startups for the IndiaAI Startups Global Program - Paris:

Sr. No.	Startup Name	Area of Work
1	PrivaSapien Technologies	Responsible AI with privacy engineering and privacy-enhancing technologies
2	CoRover.ai	Conversational Gen AI platform for contextual, domain-specific human-like responses
3	Staqu Technologies (Jarvis)	AI-powered audio-video analytics for surveillance, security, and governance
4	SatSure Analytics	Earth Observation using satellite imagery and AI for decision intelligence
5	Storyvord	AI-based video content generation from product URLs and brand context
6	VolarAlta	Drone-based AI solutions for industrial inspections
7	Smartail	AI-powered edtech platform for immersive learning and real-time assessment
8	Secure Blink	AI-driven cybersecurity with proactive DevSecOps posture management
9	NeuroPixel.AI	AI-enabled ultra-fast image editing for fashion and e-commerce
10	Voicing AI	Agentic AI platform for enterprise-grade intelligent voice agents

The details of shortlisted AI solution under IndiaAI Application Development Initiative are as under:

Sl. No.	Name of the Solution	Solution Description	Theme
1	Promoting regenerative agriculture practices for a sustainable future using AI	In-house developed MRV (Measurement, Reporting, and Verification) technology designed to ensure the integrity and quality of generated carbon credits.	Agriculture
2	Krishi Sah'AI'yak - Farming Co-pilot	AI-powered conversational co-pilot to provide personalized advisory to farmers in Indic languages	Agriculture
3	Kadalcompass - We Amplify the voice of water using Hydro-AI,Underwater com,IoUT with Sensor Network	5G-enabled device that transforms fishing practices using AI, IoUT, and advanced communication technologies	Agriculture
4	KissanCopilot Multilingual Multimodal personalized AI Assistant for small holder farmers	Powered by Dhenu's vertical LLM for agriculture, provides personalized agricultural advisory services to smallholder farmers.	Agriculture
5	Rapid, chemical-free soil testing solution using NIR Spectroscopy & AI/ML models	End-to-end soil testing approach leverages an offline app, AI-powered spectral device, and ML models to deliver timely, chemical-free soil analysis.	Agriculture
6	AI deep-tech driven quality assessment of Maize	SAAS platform to provide objective quality assessment of maize including price estimation & sales pipelining.	Agriculture
7	AI-Driven Live Fish Logistics and Mortality Reduction in Aquaculture	AI-driven solution that optimizes aquaculture operations	Agriculture
8	QScan	AI-powered IoT solution that captures critical data throughout the fresh produce lifecycle, providing real-time analysis of food quality and actionable insights to sellers.	Agriculture
9	Heatwave Resilience: Integrating AI-based Advanced Forecasting for Extreme Heat Events	Integrates AI-based climate forecasting with health data to develop a targeted risk classification system for heat-health impacts	Climate

10	Multi-Hazard Susceptibility Mapping	hazard management system to predict Landslides, Debris Flows and Flash Floods	Climate
11	DeepFlood: Rapid flood inundation mapping using Vision Transformers and Satellite Data	Advanced flood inundation mapping tool using SAR data and deep learning models for real-time, automated flood detection	Climate
12	Moskeet: Climate impact on mosquito-borne diseases	AI-powered platform integrates real-time climate data with mosquito tracking to predict and prevent disease outbreaks.	Climate
13	End to End AI Cloud Platform for Radiology Diagnosis	AI cloud platform for radiology diagnosis, integrating innovative technologies such as CV, GenAI, NLP, Dicom, mobile, and cloud computing	Healthcare
14	NIDAAN (iNtegrated lung health screening & tuberculosIs Detection through Ai At National scale)	qXR, an advanced AI tool for interpreting chest X-rays (CXR), detects & localizes 30+ findings.	Healthcare
15	Impactful AI solution, preventing preventable blindness, for socio-economic transformation.	early detection of vision threatening retinal abnormalities	Healthcare
16	AI Powered Wearable Technology for Detection & Diagnosis of Musculoskeletal Joint Health Pain.	AI Enabled Hardware Platform for Joint Pain Diagnostics and Rehabilitation Segments of Healthcare	Healthcare
17	VoxelBox	Neuro-informatics platform that allows to map the functional maps / connectomics of the human brain	Healthcare
18	Development of Ocellux: An AI-Based Solution for Enhanced Early Diabetic Eye Screening in INDIA.	Portable, affordable and highly accessible retina imaging device powered by AI for early detection of eye diseases like Diabetic Retinopathy, AMD & Glaucoma	Healthcare

19	Revolutionizing healthcare using doctor-led AI	AI-powered personal doctor available 24x7 and free of cost, designed to assist people when they are sick, monitor their health through wearables, and act as a health coach to prevent diseases.	Healthcare
20	AI/ML enabled MafPro device platform for cancer staging, localization, and margins.	MafPro handheld detector provides a radiation-free, non-invasive, safe and cost-effective solution that can reliably detect and adequately evaluate metastases in lymph nodes using AI/ML based algorithms	Healthcare
21	Readabled (Online Dyslexia Training)	web-based application designed to help children with dyslexia improve phonetic awareness through interactive exercises.	Learning disabilities
22	Voice fusion AI	AI application to provide assistive support to individuals with SLDs in multiple Indian languages	Learning disabilities
23	ScreenPlay - a digital game based screening tool for autism and related disorders.	Digital, game-based screening tool designed to identify children aged 3 to 6 who may be at risk for autism or related developmental conditions	Learning disabilities
24	Jiveesha	AI-powered diagnostic platform for early detection of SLDs	Learning disabilities
25	Adaptive Learning and Detection for SLDs	Advanced AI techniques to detect Specific Learning Disabilities (SLDs) such as dyslexia, dysgraphia, and dyscalculia.	Learning disabilities
26	Special Educator AI	AI-driven system designed to address India's shortage of special educators and support children with SLDs.	Learning disabilities
27	ConvoZen.AI by NoBroker Technologies	AI-powered conversational platform that automates customer engagement across channels like chat, voice, email, and social media, offering fast, personalized, and multilingual support.	Governance
28	AI contact center	AI-powered technologies like machine translation, NLP, ASR and TTS, and multilingual voice recognition to enhance governance by improving communication and accessibility across India's linguistic diversity	Governance

29	Adalat AI: AI solutions for Courts	AI-powered platform provides real-time multilingual transcription, translation, live case flow management, and WhatsApp chatbots to streamline courtroom operations	Governance
30	Gov.Civis.Vote	AI-powered Digital Public Infrastructure designed to transform public consultations in India by making citizen engagement more inclusive, scalable, and comprehensive	Governance

Details of the Centres of Excellence (CoEs) operational in Emerging Technologies

Sr. No.	Name of the CoEs	Partnership
1	Gaming, VFX, Computer Vision & AI at Hyderabad	Govt. of Telangana, IIT Hyderabad, IIIT Hyderabad, Qualcomm, Hyderabad gaming associations such as Hyderabad Software Enterprises Association (HYSEA) and Telangana VFX, Animation and Gaming Association (TVAGA)
2	Virtual Augmented Reality (VAR) CoE at Bhubaneswar	Govt. of Odisha and IIT Bhubaneswar
3	Blockchain CoE at Gurugram	Govt. of Haryana, IBM and PadUp Ventures
4	Centre of Excellence – IoT, Gurugram, Haryana	NASSCOM
5	Centre of Excellence – IoT, Gandhinagar, Gujarat	NASSCOM
6	Centre of Excellence – IoT, Bengaluru, Karnataka	NASSCOM
7	Centre of Excellence – IoT, Vishakhapatnam, Andhra Pradesh	NASSCOM

The details of the selected projects under "Safe & Trusted AI" Pillar are as under:

NAME OF THE THEME	SELECTED APPLICANT	TITLE OF THE PROJECT
Machine Unlearning	IIT Jodhpur	Machine Unlearning in Generative Foundation Models
Synthetic Data Generation	IIT Roorkee	Design and Development of Method for Generating Synthetic Data for Mitigating Bias in Datasets; and Framework for Mitigating Bias in Machine Learning Pipeline for Responsible AI
AI Bias Mitigation Strategy	National Institute of Technology Raipur	Development of Responsible Artificial Intelligence for Bias Mitigation in Health Care Systems
Explainable AI Framework	DIAT Pune and Mindgraph Technology Pvt. Ltd.	Enabling Explainable and Privacy Preserving AI for Security
Privacy Enhancing Strategy	IIT Delhi, IIIT Delhi, IIT Dharwad and Telecommunication Engineering Center (TEC)	Robust Privacy-Preserving Machine Learning Models
AI Ethical Certification Framework	IIIT Delhi and Telecommunication Engineering Center (TEC)	Tools for assessing fairness of AI model
AI Algorithm Auditing Tool	Civic Data Labs	ParakhAI - An open-source framework and toolkit for Participatory Algorithmic Auditing
AI Governance Testing Framework	Amrita Vishwa Vidyapeetham and Telecommunication Engineering Center (TEC)	Track-LLM, Transparency, Risk Assessment, Context & Knowledge for Large Language Models
Deepfake Detection Tool	IIT Jodhpur (CI) & IIT Madras	Saakshya: Multi-Agent, RAG-Enhanced Framework for Deepfake Detection and Governance
	IIT Mandi & Directorate of Forensic Services, Himachal Pradesh	AI Vishleshak: Improving Audio-Visual Deepfake Detection and Handwritten Signature Forgery Detection with Adversarial Robustness, Explainability & Domain Generalization
	IIT Kharagpur	Real-Time Voice Deepfake Detection System

Bias Mitigation	Digital Futures Lab & Karya	Evaluating Gender Bias in Agriculture LLMs- Creating Digital Public Goods (DPG) for Benchmarking and Fair Data Work
Penetration Testing & Evaluation	Globals ITES Pvt Ltd & IIIT Dharwad	Anvil: Penetration Testing & Evaluation Tool for LLM and Generative AI

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