India AI Mission and Emerging AI Ecosystem

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Why in news: India is rapidly expanding its **Artificial Intelligence (AI) ecosystem** under the **IndiaAI Mission**, aiming to position the country as a **global AI leader** while promoting **indigenous AI development, startups, datasets, and responsible governance**.

About IndiaAI Mission

1**Objective:** "Making AI in India and Making AI Work for India" – focusing on **sovereign AI capability, inclusive access, reduced dependence on foreign platforms**, and using AI for **social and economic growth**.

2**Implementation:** IndiaAI, an independent division under **MeitY**, oversees **AI innovation, ecosystem building, dataset creation, startup support, and responsible AI practices**.

3**Outlay & Infrastructure:** ?10,300 crore committed; **38,000 GPUs deployed** for high-end computing.

4**Key Initiatives:**

o**BharatGen AI:** Multimodal, multilingual government-funded Large Language Model supporting **22 Indian languages**.

o**Sarvam AI:** Indigenous generative AI for **public service delivery**, including Aadhaar-based applications.

o**AIKosh:** Creation of **national datasets** to enable AI research and development.

o**Bhashini:** AI-powered platform for **translation and speech services** across 20+ Indian languages.

o**AI Competency Framework:** Capacity-building program for **government officials** to strengthen AI governance.

Seven Pillars of India AI Mission

India AI Compute — Enhancing computational resources for AI development.

India AI Dataset Platform — Providing a comprehensive platform for AI datasets.

India AI Future Skills — Equipping the workforce with necessary AI skills.

Safe & Trusted AI — Ensuring the ethical and secure use of AI.

India AI Innovation Centre — Fostering innovation and research in AI technologies.

India AI Application Development Initiatives — Supporting the development of AI applications across sectors.

India AI Startup Financing — Providing financial support to AI Startups.

Source: pib.gov.in

Emerging AI Ecosystem in India

1 **Scale & Employment:** AI sector revenue projected to exceed **USD 280 billion**, employing **6+ million people**.

2 **Global Position:** Ranked **3rd globally in AI competitiveness** (Stanford University, 2025).

3 **Innovation Base:** Over **1,800 Global Capability Centres** (500+ AI-focused), ~1.8 lakh startups, 89% integrating AI into products/services.

4 **Enterprise Adoption:** 87% of enterprises actively use AI; sectors like **industrial & automotive, retail, BFSI, and healthcare** contribute ~60% of AI value.

5 **Maturity Profile:** 26% of companies have achieved AI maturity at scale.

Major Government Initiatives in AI

1 **Centres of Excellence (CoEs):** Research hubs in **healthcare, agriculture, sustainable cities, education** to develop scalable AI solutions.

2 **India AI Impact Summit 2026:** Flagship event to promote AI innovation and collaboration:

o**AI Pitch Fest (UDAAN):** Focus on women-led and differently-abled startups.

o**Global Innovation Challenges:** Open competitions for youth and innovators to solve real-world public sector issues.

o**Research Symposium:** Forum for Indian and Global South researchers to exchange knowledge.

o**AI Expo:** Ethical and responsible AI exhibition with 300+ Indian and 30+ international exhibitors.

Significance

1Promotes **indigenous AI development** and reduces dependence on foreign platforms.

2Enhances **digital public service delivery**, multilingual access, and inclusive AI adoption.

3Positions India as a **global hub for AI innovation**, research, and responsible AI governance.

4Aligns with India's **Digital India vision** and goals of **economic growth, social inclusion, and technological self-reliance**.