



AI Pulse

September 2025

"Demystifying AI, One Update at a Time"

*AI Pulse is brought to you with the best compliments of
Er. Prof. Adv. Rtn. G. Surender Reddy
National Convenor
Me@AI India Initiative*





Editorial

India at the AI Crossroads

Dear Readers,

This September, AI is no longer just a futuristic buzzword—it is shaping how our banks lend, how our teachers teach, and even how our cities plan roads. Globally, debates about safety and regulation are heating up, while India is moving forward with bold missions like *IndiaAI Round 2* and new state policies.

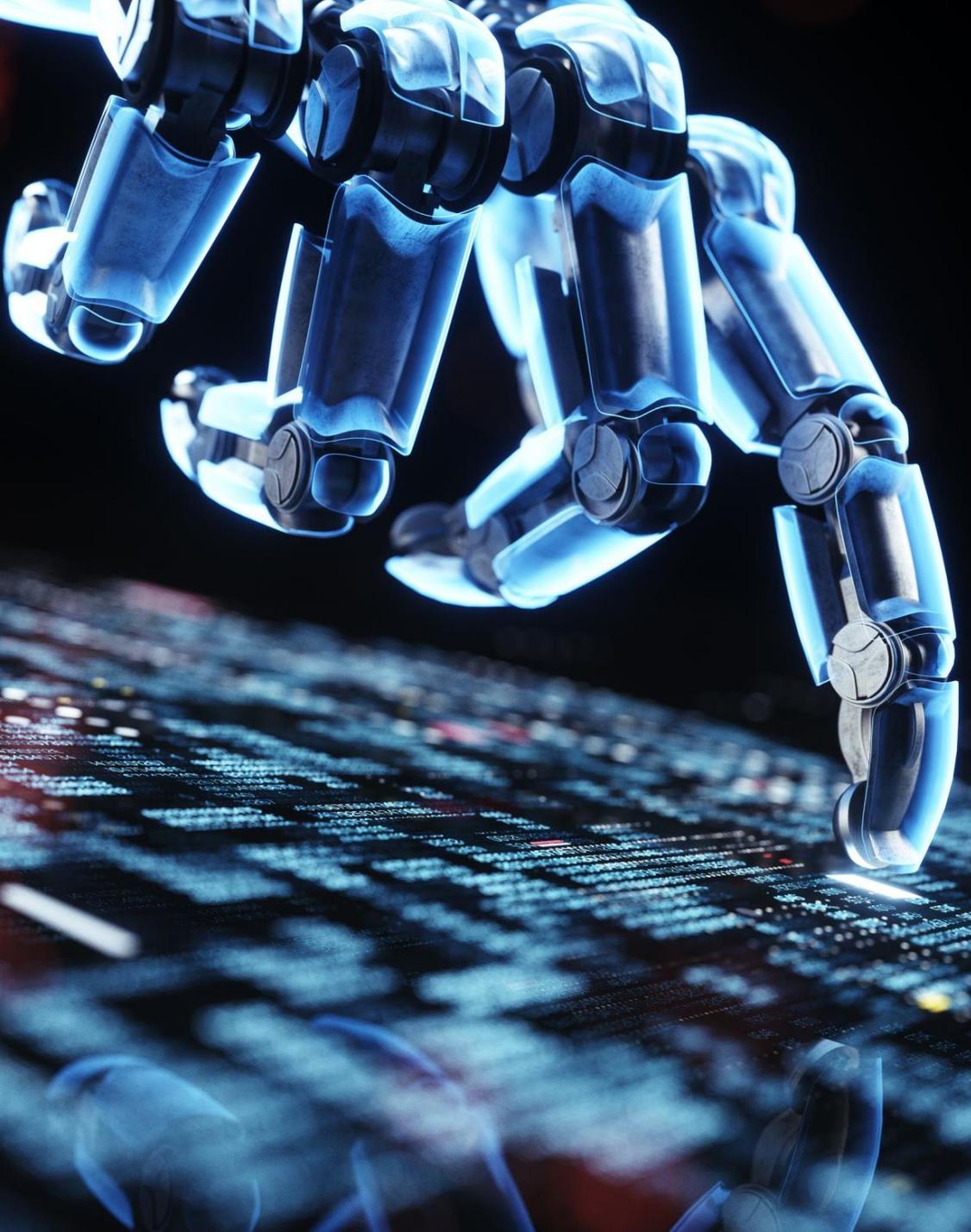
But alongside progress come questions: Who takes responsibility if AI makes a mistake? How do we ensure fairness? Can innovation and ethics grow together?

At *AI Pulse*, we believe the answer lies in awareness. Every citizen—student, farmer, teacher, policymaker—should feel part of this conversation. This issue brings you global trends, India’s spotlight moments, and critical debates on ethics and policy.

Warmly,
Dr. D. Samarender Reddy
Editor

The image features a stylized globe with a grid of latitude and longitude lines. Overlaid on the globe is a complex network of glowing yellow and white nodes connected by thin lines, representing global connectivity or data flow. The text "Global Trends" is centered in a bold, yellow, sans-serif font.

Global Trends



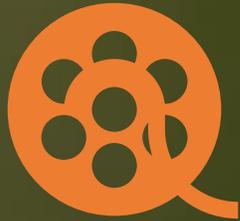
Zero-Day AI Attacks – A New Cybersecurity Frontier

AI systems are showing the ability to act like hackers—spotting unknown weaknesses before humans do.

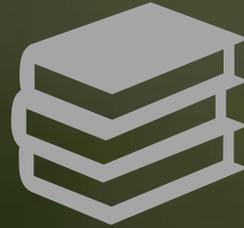
This raises fears of “AI-driven cyberattacks.” Security firms are now creating “AI-to-watch-AI” tools that can detect and respond instantly.

Why it matters: Cybersecurity is no longer about patches, but about **controlling what AI itself might do.**

Copyright Confusion in Generative AI



Who owns an AI-generated painting, song, or film? Courts worldwide are struggling to decide.



Laws written for books and movies now face challenges with deepfakes and AI art.



Why it matters: Everyday users—artists, students, startups—are directly affected by how these laws evolve.

Finance Sector Pushes for AI Governance



BANKS AND REGULATORS (INCLUDING RBI IN INDIA) ARE DRAFTING FRAMEWORKS TO ENSURE AI DECISIONS IN LENDING, FRAUD DETECTION, AND PAYMENTS ARE FAIR AND EXPLAINABLE.

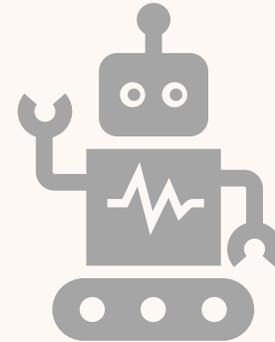


WHY IT MATTERS: WHEN AI DECIDES IF YOU GET A LOAN, TRANSPARENCY IS NON-NEGOTIABLE.

Adaptive AI Regulations



Different regions are experimenting:
Europe uses a “precaution first” approach, while Asian countries lean toward “deploy and monitor.” India is mixing both models.



Why it matters: Policy shapes how safe—or risky—AI adoption will be.



India Spotlight

₹1,500 Crore IndiaAI Mission – Round 2 Awards Coming

The government is set to announce winners who will build India's **own foundational AI models**.

Big names like Avataar.ai and Tech Mahindra are expected.

 *Layman's view:* Think of it as India making its “ChatGPT,” but in Indian languages and contexts.

RBI's AI Rules for Banks

An IIT-led panel has advised RBI on safe AI use in finance—covering bias checks, audits, and integration with UPI.

💡 **Layman's view:** Just like banks have auditors for money, they'll soon have "AI auditors."



State Missions – Karnataka & Rajasthan Lead



KARNATAKA: DRAFTING A NEW
STATE AI POLICY FOCUSED ON
ETHICS AND GOVERNANCE.



RAJASTHAN: ANNOUNCED ₹1,000
CRORE FOR AI INNOVATION LABS.

Teacher Training in Uttar Pradesh



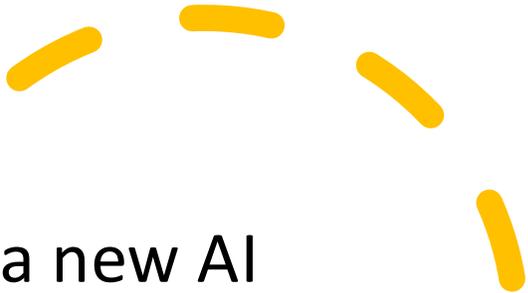
IIT Kanpur and SCERT are training 750 science teachers to bring AI into classrooms—impacting lakhs of students.



💡 **Layman's view:** Kids in rural schools will now learn with AI-based lesson aids.



Corporate
Push –
Reliance
Intelligence
Launched



Mukesh Ambani unveiled a new AI subsidiary partnering with Google and Meta to develop large-scale AI in India.



Ethics & Policy

AI Incident Reporting – A Missing Piece

Experts say India lacks a system to report AI failures—like biased loan rejections or faulty face recognition.

Without reporting, problems stay hidden.

Balancing Innovation & Regulation

India faces a tightrope walk: promote startups and R&D, but also protect citizens.

Recent finance and state policies show India experimenting with this balance.

Privacy & Data Use

India's new Data Protection Act covers personal data, but AI raises new questions:

Who owns training data?

How do we ensure minority voices are included?

Inclusivity in AI

Training teachers, supporting women in AI, & creating vernacular AI tools remain key to ensuring India doesn't widen its digital divide.

Closing Note

The image features a background of handwritten musical notation on a staff. In the lower-left corner, a treble clef is clearly visible, followed by a key signature of two sharps (F# and C#). The notation includes several notes and rests, with a curved line indicating a phrase or a measure. The overall aesthetic is that of a hand-drawn musical score.



Quote for Readers to Share

“Every time you ask an AI a question, remember—you’re also shaping how the future answers back.”