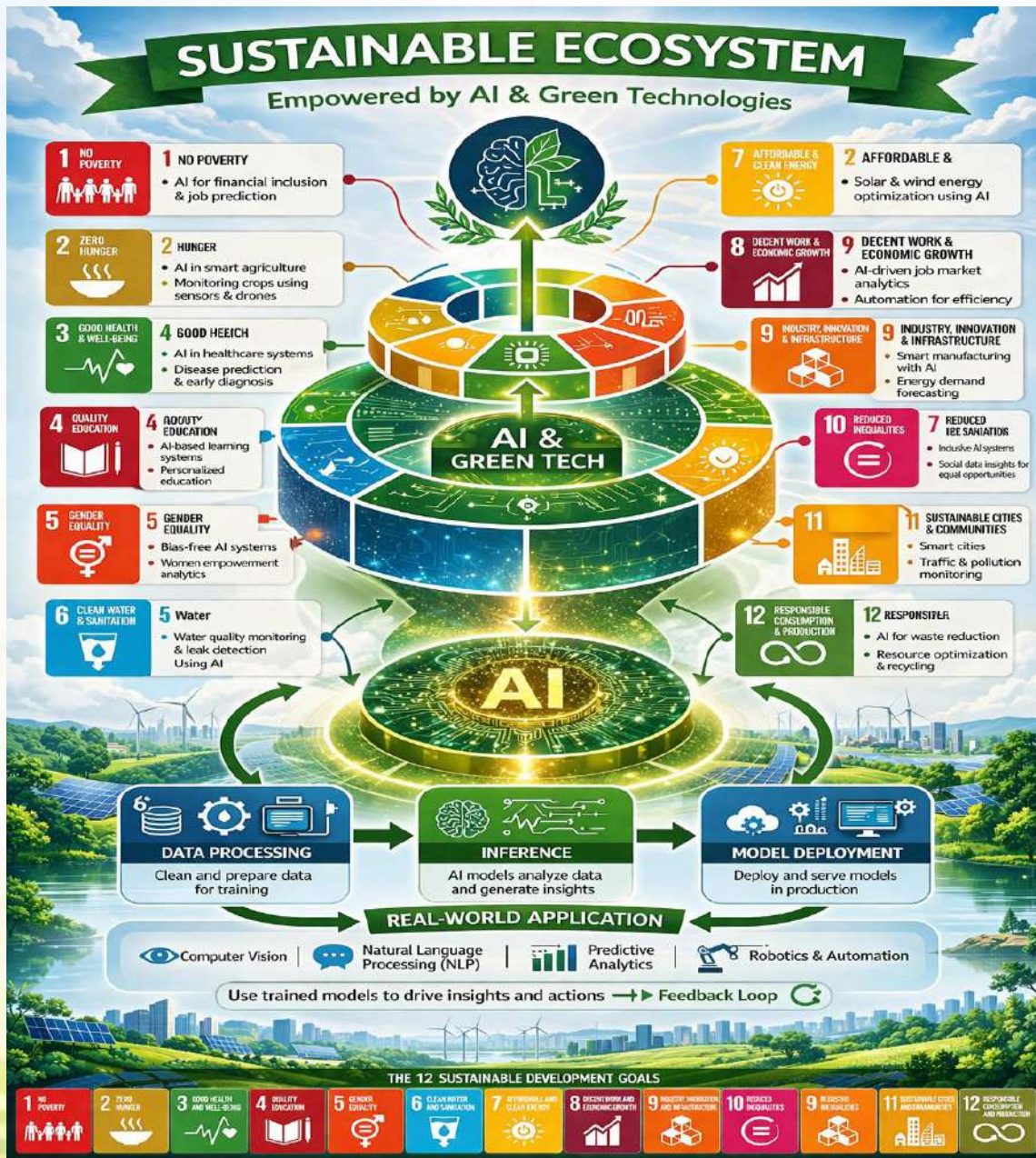


INTERNATIONAL SYMPOSIUM ON AI ARCHITECTURE FOR



Ethical, Energy-Efficient, and Future-Ready Systems

 **Date: 2nd May 2026, Saturday**

CENTRE OF AI & ROBOTICS

In Association With

Department of Information Communication & Technology

TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC Grade "A" Institute (Cycle-2)

Approved by AICTE, Ministry of Education Govt. of India,

Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI - 110085

THE SYMPOSIUM

In an era where Artificial Intelligence (AI) is redefining the contours of global development, the convergence of technology with sustainability has become imperative. The concept of a sustainable ecosystem—spanning the biosphere, society, and economy—demands intelligent systems that are not only powerful but also ethical, energy-efficient, and future-ready. Aligned with this vision, the International Symposium on AI Architecture for Sustainable Ecosystem serves as a dynamic platform to explore how AI can drive sustainable transformation across interconnected domains. Inspired by the integrated model of biosphere, society, and economy, the symposium emphasizes balanced growth, responsible innovation, and resilient digital infrastructures. At the core of this initiative lies the Institute’s Innovation Council, which nurtures a vibrant research ecosystem through the Centre of AI & Robotics and active domain clubs—AI & ML, Robotics, Data Science, and Cyber Security—fostering innovation, interdisciplinary collaboration, and technical excellence.

The symposium brings together academicians, researchers, industry experts, and students to deliberate on cutting-edge advancements in AI, including:

- **Explainable AI (XAI)**

- **Energy-Efficient Computing**

It aims to bridge the gap between academia and real-world applications, while promoting ethical AI practices and sustainable technological solutions. By

- **Quantum Technologies**

- **Intelligent Automation**

integrating innovation with responsibility, this symposium envisions shaping AI architectures that contribute to a sustainable, inclusive, and future-ready world.

OBJECTIVES

- **To examine the role of AI architecture in sustainable ecosystems**
- **To explore green AI and energy-efficient computing**
- **To analyze ethical, legal, and governance frameworks**
- **To identify emerging trends and challenges in AI systems**
- **To foster innovation, interdisciplinary research, and publications**

THEMATIC TRACKS

1. AI Infrastructure & Cloud in Sustainable Development

This track focuses on AI applications in climate science, agriculture, smart cities, renewable energy and scalable infrastructures.

- Sustainable Software Engineering and Green Computing Practices
- Edge AI for Smart Infrastructure and Urban Systems
- IoT for Environmental Monitoring
- AI-driven Automation for Smart Governance
- Explainable AI (XAI)
- Digital Twins
- Human-AI Collaboration

2. Security & Privacy in Sustainable AI Ecosystems

Focus on secure and privacy-preserving AI architectures.

- Privacy-Preserving Machine Learning
- Cloud Security
- Ethical Hacking & Cyber Law
- Zero Trust Models
- IoT Security
- Blockchain Systems
- Cyber Risk Management
- AI Threat Detection

3. AI Governance & Policy Frameworks

Focus on compliance, ethics, and sustainability standards.

- AI Lifecycle Governance
- Energy Compliance
- Ethical Standards
- Risk Frameworks
- Resource Optimization
- Audit Mechanisms
- ESG Integration
- AI Emissions

4. Human-AI Collaboration in Sustainable Systems

Focus on human-centered AI and collaboration.

- User Interface Design
- Trust Mechanisms
- Participatory AI
- Augmentation Strategies
- Ethical Symbiosis
- Collaboration Platforms

PARTICIPATION

- **Research Paper Presentation (Publication Track)**
Original research with publication opportunities
- **Innovative Project**
AI-driven solutions with real-world impact
- **Prototype Presentation**
Functional models / proof-of-concept systems
- **Poster Presentation**
Visual presentation of research and ideas

CALL FOR PAPERS : Guidelines

- Abstract: 300–350 words with 5–6 keywords.
- Full Paper: 4000–8000 words in IEEE format.
- Original work only (not under review elsewhere).
- Submit via symposium portal.
- Blind manuscript required.

IMPORTANT DATES

EVENT	DATE
➤ Abstract Submission	➤ 20 March 2026
➤ Acceptance	➤ 25 March 2026
➤ Full Paper	➤ 10 April 2026
➤ Final Acceptance	➤ 15 April 2026
➤ Registration	➤ 20 April 2026
➤ Symposium	➤ 2 May 2026

REGISTRATION FEES

CATEGORY	Registration Early Bird (Till 15.04.2026)	Registration Date (After 15.04.2026)
➤ Academicians/Professionals	➤ ₹1200	➤ ₹1500
➤ Research Scholars/Students	➤ ₹1000	➤ ₹1200
➤ Participants	➤ ₹300	➤ ₹500

Fees include Publication charges (if applicable) will be informed after acceptance of paper.

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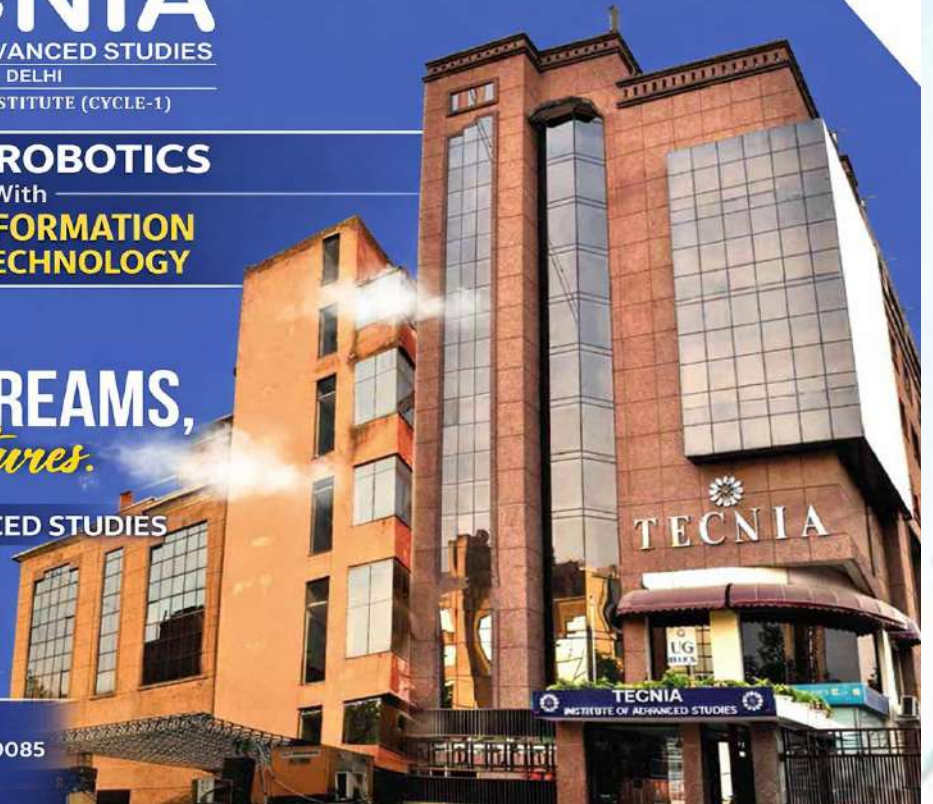
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