



VINAYAKA MISSION'S  
RESEARCH FOUNDATION

(Deemed to be University under section 3 of the UGC Act 1956)



## **AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**

### **(Constituent College of Vinayaka Mission's Research Foundation – Deemed to be University) Department of Computer Science and Engineering**

### **GAILS 2025 – Participant Report**

#### **Event Overview**

- **Summit:** Global AI Leaders' Summit (GAILS 2025)
- **Date & Venue:** 21 August 2025, IIT Madras, IC&SR Auditorium
- **Theme:** *Empowering Academia & Industry for the Future of AI*
- **Participants Included:** Faculty from AVIT and Vinayaka Mission institutions among panelists and moderators

#### **Department Delegates**

The following faculty members from our department were nominated and participated as delegates at **GAILS 2025**:

1. **Dr. M. Muthukumaran** – Professor, CSE
2. **Dr. Pitchumani Angayarkanni** – Professor, CSE
3. **Mr. B. S. Seshadri** – Professor of Practice, CSE
4. **Dr. Thilagavathi** – Associate Professor, CSE
5. **Dr. Rajesh M** – Associate Professor, CSE
6. **Dr. R. Shobana** – Associate Professor, CSE
7. **Dr. K. Shantha Shalini** – Associate Professor, CSE
8. **Mr. S. Simonthomas** – Assistant Professor, CSE
9. **Dr. Sarika N** – Associate Professor, CSE
10. **Mr. Nuzhat Ahmad Yatoo** – Assistant Professor, CSE

#### **Institutional Representation in Sessions**

- **AI in Education & Research & Development**
  - **Speaker:** *Dr. J. Janet*, Principal, AVIT
- **AI in Healthcare & Bio-Sciences**

- **Moderator:** *Dr. Parthiban Srinivasan*, Professor & Director, Centre for AI in Medicine, VMRF–AV Medical College & Hospital
- **AI in Legal Studies & Ethics**
  - **Speaker:** *Dr. Ananth Padmanabhan*, Dean, Vinayaka Mission’s Law School

## Session Highlights & Key Takeaways

### 1. AI in Education & Research & Development

Panelists—including **Dr. J. Janet (AVIT Principal)**—delved into how academic institutions can transform AI education.

#### Key Insights:

- **Curricular Evolution:** Emphasis on integrating AI across disciplines, especially adding hands-on lab experiences and real-world problem-solving projects to create AI-ready graduates.
- **Industry-Academia Collaboration:** Building partnerships that drive innovation, joint research, and curriculum relevance.
- **Learning Ecosystems:** Encouraging interdisciplinary programs (e.g., tech + ethics, AI + domain sciences) to foster adaptability and critical thinking.

### 2. AI in Industries & Security

Led by senior industry leaders, this session explored AI’s industrial impact and security considerations.

#### Key Insights:

- **Scalable AI Systems:** Designing robust AI architectures to meet scale and real-world reliability.
- **Security & Trust:** Incorporating AI safety protocols, data privacy, and resilience into deployment pipelines.
- **Workforce Readiness:** Preparing professionals with both technical and ethical skills to manage AI systems in sensitive industrial environments.

### 3. AI in Healthcare & Bio-Sciences

Moderated by *Dr. Parthiban Srinivasan*, Professor & Director, Centre for AI in Medicine, VMRF–AV Medical College & Hospital, this session featured robust discussions on AI in healthcare.

#### Key Insights:

- **Multi-Stakeholder Integration:** Success in AI healthcare depends on collaboration between clinicians, technologists, and administrators.

- **Ethical Validation:** Establishing clinical-grade validation, patient safety standards, and ethical oversight in AI deployment.
- **Regulatory Frameworks:** Navigating medical regulations and compliance for AI tools (e.g., diagnostics, imaging analytics).
- **Access & Equity:** Focusing on inclusive design to reach diverse patient demographics and settings.

## 4. AI in Legal Studies & Ethics

The session, including **Dr. Ananth Padmanabhan (Vinayaka Mission’s Law School)**, addressed AI’s intersection with legal systems and ethical governance.

### Key Insights:

- **Ethical Education:** Embedding AI ethics and digital justice components into law curricula.
- **Transparency & Accountability:** Advocating for legal frameworks that regulate algorithmic decisions, data integrity, and bias mitigation.
- **Cross-Disciplinary Collaboration:** Establishing joint workshops between law and AI faculties to co-develop policy-relevant competencies.

## 5. AI in Human Resources & Upskilling

Showcasing AI’s role in workforce development, this session featured leaders from Infosys, Wipro, Zoho, and others.

### Key Insights:

- **Skill-AI Synergy:** AI should augment—not replace—human capabilities, focusing on co-learning and augmentation.
- **Adaptive Learning Paths:** Personalized training modules and AI-driven assessments to reskill employees rapidly and efficiently.
- **Ethical HR Practice:** Ensuring AI-powered HR tools are transparent, equitable, and bias-free.

## Summary Table

Session	Major Themes
AI in Education & Research	Curriculum revamp, hands-on labs, interdisciplinary ecosystems, academia–industry links
AI in Industries & Security	Enterprise scalability, AI safety, data protection, secure adoption
AI in Healthcare & Bio-Sciences	Ethical validation, stakeholder synergy, regulatory alignment, equitable access

Session	Major Themes
AI in Legal Studies & Ethics	AI policy integration, fairness, legal-AI education synergy
AI in HR & Upskilling	Human-AI collaboration, personalized training, bias-conscious systems

## Recommended Departmental Actions

1. **Curriculum Development:**
  - Integrate hands-on AI modules, clinical validation case studies (for health-related programs), and AI policy components in legal education.
2. **Institutional Workshops:**
  - Conduct cross-disciplinary seminars—e.g., joint AI ethics workshops for law and engineering faculties.
3. **Collaborative Pilots:**
  - Initiate pilot projects linking medical and engineering departments for AI tool prototyping in diagnostics.
4. **Upskilling Programs:**
  - Launch short-term certificate courses targeting AI literacy for HR, legal, healthcare, and tech sectors within the institution.
5. **Ethics & Governance Frameworks:**
  - Develop internal guidelines for AI deployment in institutional processes, ensuring transparency, fairness, and regulatory compliance.

## Closing Reflections

GAILS 2025 reinforced the imperative of **interdisciplinary integration, ethical AI governance, and human-centric application** across sectors. These insights can meaningfully shape our academic programs, research initiatives, and future collaborations.



