



# ICIAET 2025

**"International Conference on Innovations and Trends in Advanced Engineering Technologies"**

25th-26th Nov 2025 | Timings - 10- 5:00 PM

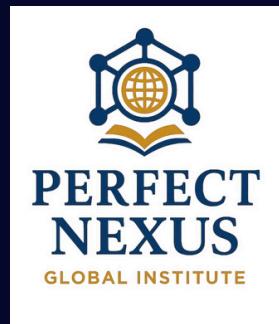
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# Call for Papers

ICIAET 2026 invites submissions of original, high-quality research papers in the following tracks. We look forward to your contributions!

## ON FOLLOWING THEMES

### **1. Artificial Intelligence and Machine Learning in Engineering**

AI-driven design and optimization in engineering systems

Machine learning applications in predictive maintenance and smart manufacturing

Edge and cloud AI architectures for industrial automation

Explainable AI and ethics in engineering applications

### **2 Advanced Materials and Nanotechnology**

- Smart materials and intelligent composites
- Nanomaterials for energy, electronics, and biomedical applications
- Additive manufacturing and 3D/4D printing innovations
- Sustainable and recyclable material technologies

### **3. Internet of Things (IoT) and Cyber-Physical Systems**

- Industrial IoT and Industry 5.0 applications
- Digital twins and virtual engineering
- Cybersecurity in connected systems
- Sensor networks and edge intelligence

### **4. Robotics, Automation, and Control Systems**

- Autonomous systems and intelligent robotics
- Human–robot collaboration and cobots
- Advanced control theory and applications
- Mechatronics and embedded systems innovations

### **5. Sustainable and Green Engineering**

- Renewable energy systems and smart grids
- Energy-efficient technologies and sustainable manufacturing
- Waste-to-energy conversion and circular economy approaches
- Environmental impact modeling and mitigation

### **6. Advanced Communication and Computing Technologies**

- 5G/6G networks and next-gen communication protocols
- Quantum computing and cryptography
- High-performance and cloud computing architectures
- Embedded and real-time systems

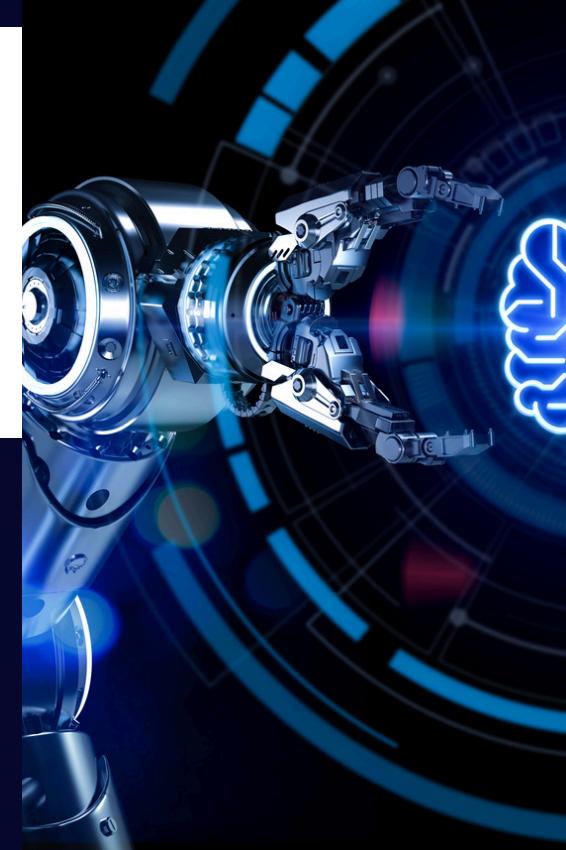
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## ON FOLLOWING THEMES

### 7. Civil, Structural, and Smart Infrastructure Engineering

- Smart cities and intelligent transportation systems
- Earthquake-resistant and resilient infrastructure
- Sustainable construction materials and methods
- Building Information Modeling (BIM) and digital construction



### 8. Biomedical and Healthcare Engineering

- AI and IoT in healthcare monitoring
- Biomedical signal and image processing
- Wearable and implantable medical devices
- Tissue engineering and bioinformatics innovations



### 9. Automotive, Aerospace, and Transportation Engineering

- Electric and hybrid vehicle technologies
- Autonomous and connected vehicles
- Advanced propulsion systems and aerodynamics
- Smart logistics and transport infrastructure

### 10. Data Science, Simulation, and Computational Engineering

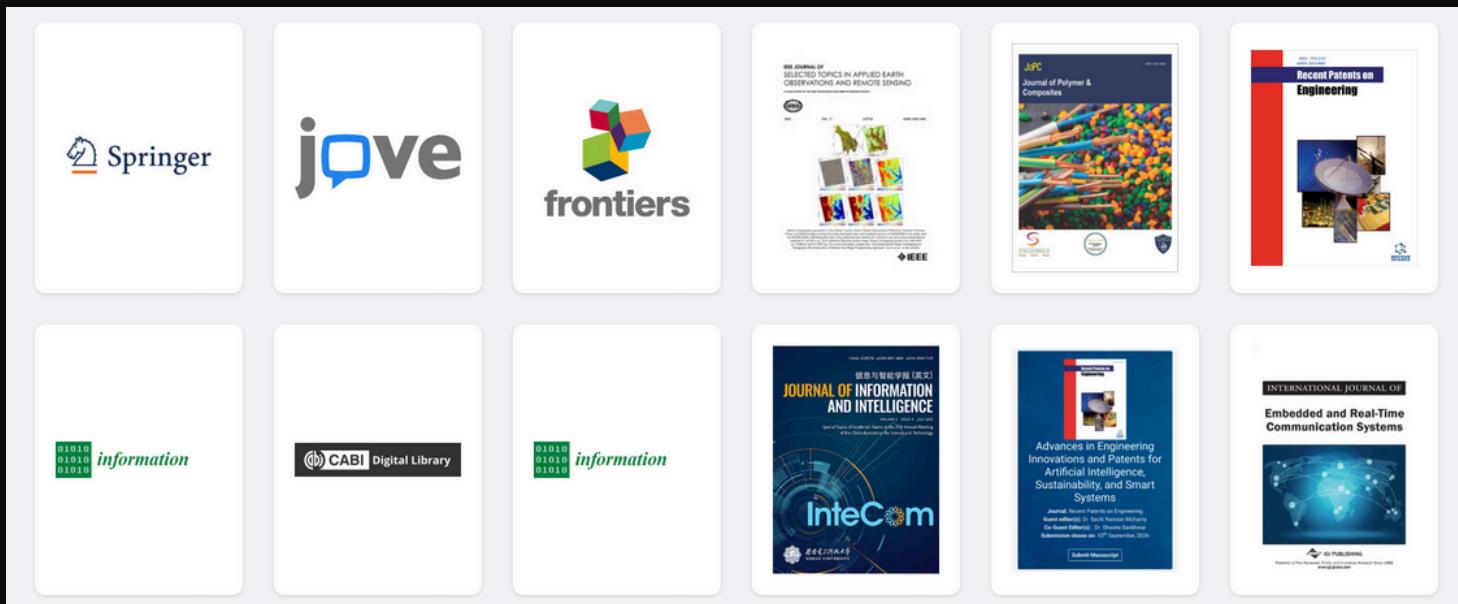
- Big data analytics in engineering decision-making
- Computational modeling and simulation
- Digital engineering platforms and cloud-based design
- Optimization algorithms for complex system

### 11. Emerging Technologies and Interdisciplinary Innovation

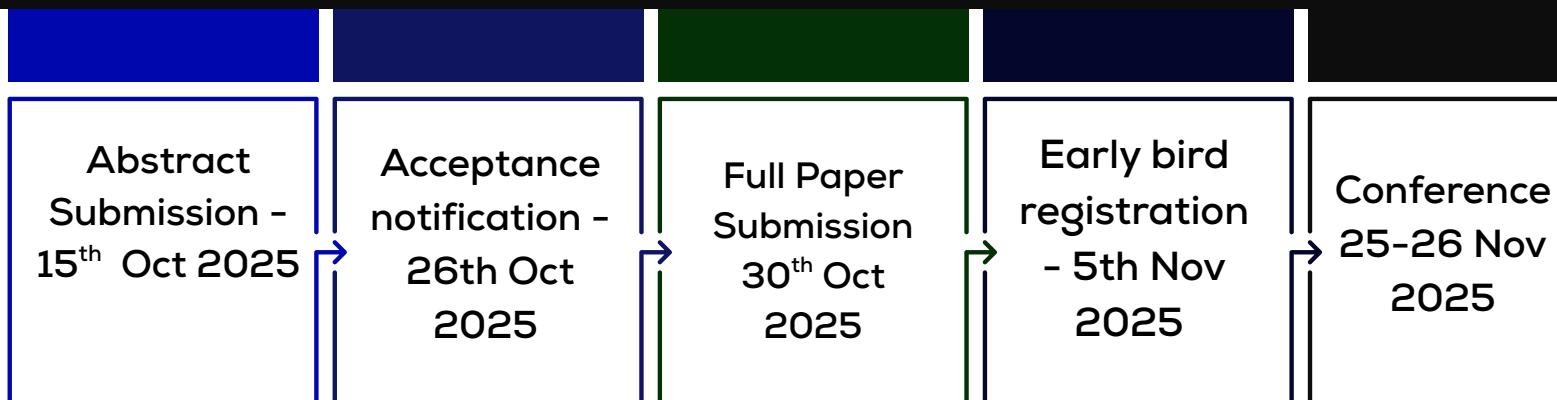
- Blockchain in engineering and supply chain management
- Augmented and virtual reality in design and education
- Human-centered and ethical technology design
- Cross-domain applications of AI and IoT

# Publication Information

All accepted and presented full-length papers will be published in the Book Series of Data science and knowledge Engineering Selected papers of the extended version will be published in special issues of the following journals:



## IMPORTANT DATES



## KEYNOTE SPEAKERS



**Dr RATH Satyasambit**

Tokyo Institute of technology , JAPAN



**Gaurav Tripathi**

Co Founder & Group CTO  
Innoplexus , Germany



**Prof. Naeema Nazar**

Global Strategy Representative for India @ IEEE Photonics Society, USA

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### AWARDS CATEGORIES

- Best Paper Award
  - Best Presentation Award
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  - Best Oral Presentation Award
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  - Excellence in Innovation Award
  - Best Collaborative Research Award
  - Industry Application Award
  - Outstanding Research Contribution Award
  - Best Emerging Technology Award
  - Excellence in Engineering Award
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  - Best Use of Technology Award
  - Most Impactful Research Award
  - Best Interdisciplinary Research Award
  - Young Innovator Award
  - Best Application of AI/ML Award
  - Outstanding Achievement in Engineering Award
  - Best Research-Industry Collaboration Award
  - Excellence in Design Award
  - Best Prototyping Award
  - Innovative Problem-Solving Award
- and many more .....

The winners of each award will receive:

- The names of award winners will be announced on the conference website.
- Certificates and mementos will be sent to the winners.
- Enjoy free registration of one paper after double-blind review for ICITET 2025.

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Particulars	INR	USD
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UG, PG Students / Research scholars (Presentation & Publication )	24,999	225
Faculty/ Academia/ industry ( Only attending )	2,999	40
UG, PG Students / Research ( Only attending )	1,499	20

**Abstarct submission link - <https://forms.gle/qjLEAdThKKCtcZf88>**

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**ICIAET 2025**

+91 8867394159

[www.iciaet.org](http://www.iciaet.org)

iciaet2025@gmail.com