



# 2025 First International Conference on Intelligent Computing and Communication Systems (CICCS)

18th, 19th & 20th September 2025, JSSATE, Bengaluru, Karnataka, India

## CALL FOR PAPERS

JSS Academy of Technical Education, Bengaluru, in collaboration with the Indian Institute of Technology Guwahati, is organizing the International Conference on Intelligent Computing and Communication Systems (CICCS-2025), with technical co-sponsorship from the IEEE Bangalore Section. This conference serves as a platform for researchers, students, practitioners from academia & industry to explore advancements and exchange insights in the field of Intelligent Computing and Communication Systems. Centered around the theme **Leveraging AI for Sustainable Computing and Communication**, the conference will cover topics, including but not limited to:

### Computational Intelligence & Computer Vision:

- Machine Learning
- Deep Learning
- Generative AI
- Decision Support Systems
- Information Retrieval
- Fuzzy Logic Systems
- Genetic Algorithms
- Natural Language Processing
- Image & Video Processing
- Signal Processing
- Augmented Reality

### VLSI Technology & Communication Engineering:

- Analog & Mixed Signal and, RF Circuits
- VLSI for Automotive Circuits and Systems
- Low Power Digital Systems
- CAD for VLSI
- Device Design & Modeling
- Hardware & Systems Security
- Wireless Systems, 5G & beyond
- Quantum Computing & Communications
- Renewable Energy & Power Electronics
- Nanoelectronics & Nanotechnology
- Autonomous Systems & Robotics
- Biomedical Electronics Technologies
- Satellite Communication

### Cloud Computing, Big Data & Networking:

- Resource Management, Energy-Efficiency & Sustainability
- AI for Cloud/Edge/Quantum/IoT Computing
- Distributed and LLM in Cloud environment
- Big Data architecture, algorithms, & applications
- Security, Trust, Privacy & Policies
- Data mining and analytics
- Management in IoT
- Algorithms & edge computing
- Blockchain

### Robotics, Control, Instrumentation & Automation:

- Autonomous Robots
- Robot Operating System
- Human-Robot Interaction
- PID Controllers
- Model Predictive Control
- Process Control Instruments
- Industrial Automation
- Human-Machine Interface
- Robotics in Automation
- IoT in Automation
- Automated Quality Control
- Collaborative Robots
- Cyber-Physical Systems

### Special Track (Computing for Societal Impact & Innovation):

- Social Good Computing for SDGS
- Sustainable Development Goals
- Tech Policy & Governance
- Digital Public Infrastructure
- Technology for Accessibility & Inclusion
- Human-Centered AI
- Responsible AI
- Disaster Management
- Data-Driven Public Policy
- Citizen Science & Crowdsourcing

### CHIEF PATRON

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### IMPORTANT DATES

Full Paper Submission :  
~~27/05/2025~~ 16/06/2025

Tutorial Proposal:  
10/07/2025

Notification of Paper Acceptance :  
~~20/07/2025~~ 29/07/2025

Camera Ready Paper & Registration :  
14/08/2025

### CMT Paper Submission:

<https://cmt3.research.microsoft.com/CICCS2025>

### Conference Website :



<https://iccs2025@jssateb.ac.in/>

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