

4th International Conference on Data, Electronics and Computing

Organized By

Indian Institute of Information Technology, Design and Manufacturing, Jabalpur |
Baderia Global Institute of Engineering and Management Jabalpur

&

COMSYS Educational Trust, Kolkata, India

Call for papers for

Special Session SS8: Next-Generation AI and Edge Computing for Intelligent Systems

Session Organizers:



Dr Bhuvaneshwari P (Lead)
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Topics:

Intelligent Edge Applications

- Edge AI Models for Real-Time Decision Making.
- Lightweight Deep Learning Architectures for IoT and CPS.
- Energy-efficient AI Model Deployment at the Edge.
- Distributed Intelligence across Edge, Fog and Cloud Layers.

Emerging Techniques

- Neuromorphic Computing for Edge Intelligence.
- Federated Learning and Privacy-Preserving AI at the Edge.
- Reinforcement Learning for Adaptive Edge Decision-Making.
- Hybrid metaheuristic and AI Approaches for Edge Optimisation.

Security & Trust

- Privacy-aware AI for Intelligent Edge Services
- Trust management in Decentralised Intelligent Systems.
- Intrusion Detection and Anomaly Detection at the Edge.

Important Dates:

Submission Deadline: October 31, 2025
Acceptance Notification: November 01, 2025
Registration Due: November 07, 2025
Camera-ready Submission: November 15, 2025

Submission procedure: <https://www.icdec.org/2025/call-for-paper>

- Hybrid mode presentation available
- Papers with pages less than 8 and more than 12 will not be considered.
- Plagiarism should be less than 10%.

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