

About Echelon:

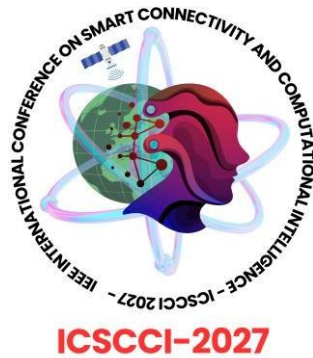
Echelon Institute of Technology (EIT), Faridabad, established in 2007, is a premier institution dedicated to academic excellence, innovation, and holistic development. EIT is affiliated with Guru Gobind Singh Indraprastha University, Delhi, and is approved by AICTE, Ministry of Education, and Government of India. At EIT, we strive to nurture technical and managerial leaders who drive change and innovation through a culture of inspiration, exploration, and continuous learning. We place a strong emphasis on experiential and outcome-based education, providing students with the practical skills and knowledge necessary to thrive in an ever-evolving global landscape.

About Computer Science and Engineering Department:

The Department of Computer Science and Engineering is enriched with competent and well-qualified faculty members to bring out the best in students. The department is having NBA Accreditation up to Session 2027-28. Ever since its inception in 2007, the Department has maintained a high growth rate and a strong dedication to providing engineering education. Equipped with state-of-the-art laboratories powered by the latest technologies and modern software tools, the department provides hands-on experience in emerging areas such as Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, Cyber Security, IoT, and Robotics. Through industry-oriented training programs, seminars, workshops, expert lectures, hackathons, corporate interactions, and Personality Development Programs (PDP), students gain both technical and professional skills essential for successful careers.

About Electronics and Communication Engineering Department:

The Department of Electronics and Communication Engineering (ECE) at Echelon Institute of Technology, Faridabad, established in 2007, is committed to academic excellence, innovation, and industry-oriented learning. Supported by experienced faculty and modern infrastructure, the department offers hands-on training through advanced laboratories such as the Advanced Drone Lab, IoT, Robotics & Electronics Lab, Embedded System Design & Simulation Lab, and Advanced Communication Lab. With a strong focus on emerging technologies, research, skill development, and industry collaboration, the department fosters an environment of innovation,



exploration, and continuous growth, preparing students for successful careers, higher studies, and entrepreneurship.

About Conference:

The **IEEE International Conference on Smart Connectivity and Computational Intelligence 2027 (ICSCCI 2027)**, technically co-sponsored by the IEEE Delhi Section, will be dedicated to advancing research and innovation at the intersection of intelligent communication systems and computational intelligence. It is jointly being organized by the **Department of Computer Science Engineering and the Department of Electronics and Communication Engineering** at **Echelon Institute of Technology, Faridabad**. The conference aims to bring together leading academicians, researchers, industry professionals, and students to exchange knowledge and explore emerging technological trends.

ICSCCI 2027 focuses on the integration of next-generation connectivity technologies such as 5G/6G networks and the Internet of Things (IoT) with advanced computational intelligence techniques, including machine learning and deep learning. The conference will address critical challenges related to scalability, latency, reliability, security, and optimization in smart and autonomous systems. By fostering interdisciplinary collaboration between academia and industry, **ICSCCI 2027** invites authors to submit original, unpublished research through the Microsoft Conference Management Toolkit, promoting innovative thinking and practical applications that contribute to the development of intelligent, sustainable, and future-ready digital infrastructures for smart societies.

Tracks:

Track 1: Smart Communication Systems and Connectivity

- 5G/6G and beyond Wireless Networks
- Software-Defined and Virtualized Networking
- Satellite, Non-Terrestrial, UAV and RIS-assisted Communications
- Communication Protocols, Architectures, QoS and QoE
- AI-Native Networks and Intelligent Communication Networks
- Signal Processing for Advanced Wireless Communications

Track 2: Computational Intelligence, Data Analytics and Agentic AI

- Machine Learning, Deep Learning and Reinforcement Learning



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- Explainable and Trustworthy AI
- Foundation Models, Large Language Models (LLMs) and Generative AI (GAI)
- Swarm Intelligence and Evolutionary Computing
- Data Analytics and Big Data
- Pattern Recognition and Intelligent Decision Systems
- Agentic AI and Autonomous Intelligent Agents

Track 3: Internet of Things (IoT), Edge and Cloud Computing

- Internet of Things (IoT) and Industrial IoT (IIoT)
- Edge, Fog and Cloud Computing
- Distributed and Ubiquitous Computing Systems
- Edge Intelligence, Edge AI and Tiny ML
- Digital Twins and Smart Infrastructure
- Smart Sensors, Embedded Systems and Connected Devices

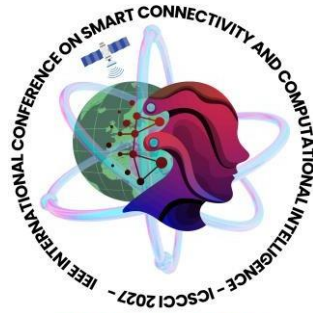
Track 4: Cybersecurity, Privacy and Trustworthy Computing

- Network and Information Security and Cybersecurity
- Digital Forensics and Threat Intelligence
- AI Security, Privacy-Preserving AI, and Adversarial ML
- Cryptography, Authentication and Access Control (AAC)
- Secure IoT and Cyber-Physical Systems
- Ethical and Responsible AI
- Blockchain and Distributed Ledger Technologies

Track 5: Intelligent Automation, Optimization and Control

- Autonomous and Self-adaptive Systems
- Multi-Agent Systems and Collaborative Intelligence
- Intelligent Control and Decision-making
- Optimization Algorithms and Computational Optimization
- Resource Allocation and Scheduling
- AI-Driven Automation and Industrial Intelligence
- Digital Manufacturing and Smart Process Control

Track 6: Smart Applications and Emerging Technologies



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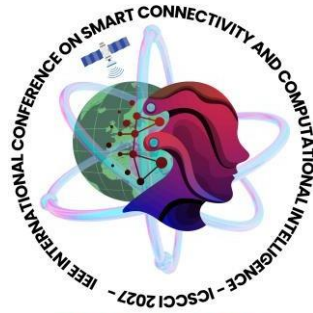
- Smart Cities and Urban Intelligence
- Industry 4.0, Industry 5.0 and Digital Transformation
- AI Applications in Healthcare, Finance and Education
- Intelligent Transportation and Mobility Systems
- Cyber-Physical Systems and Human-Centric Computing
- Quantum Computing and Quantum Machine learning
- Metaverse, Extended and Virtual Reality (XR/VR)
- Digital Transformation Technologies
- Green, Sustainable Computing and Future Digital Ecosystems

Program Schedule:

Call for Papers (CFP) Opens	10 August 2026
Full paper Submission ends	10 November 2026
Last date to receive notification for Paper Acceptance	21 December 2026
Last date of author/participant's Registration	16 January 2027
Last Date of Camera Ready Paper Submission	31 January 2027
Conference Dates	20-21 March 2027

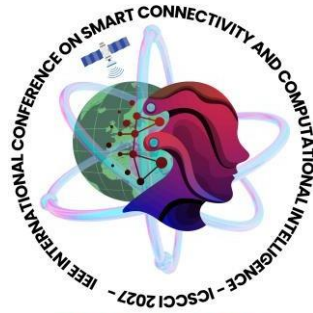
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Contact:

Dr. Pramod Singh

+91-7983660661

Mr. Neeraj Joshi

+91-9027588815