Call for Papers

10th IEEE International Conference on INFORMATION AND COMMUNICATION TECHNOLOGY-2026 (CICT-2026)

December 18-20, 2026

https://www.cict2026.iiitk.ac.in

Technically Co-Sponsored by IEEE HYDERABAD SECTION

Jointly Organieed by Centrally Funded IIITs and Other IIITs(PPP)

Hosted and Organised by:

Indian Institute of Information Technology Design and Manufacturing Kurnool, India

An Institute of National Importance

The 10th IEEE International **Conference on Information and Communication Technology (CICT)** is a prestigious **flagship annual conference** organized by all the Centrally Funded Indian Institutes of Information Technology (IIITs). It provides a worldwide forum for scholars, industry professionals, researchers, and students to showcase their most recent findings and technological innovations in the Information and Communication Technology (ICT) domain. IEEE CICT 2026 will be hosted by the Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kurnool. Theme for the conference for year 2026 is Artificial Intelligence (AI) and ICT.

Track-1: AI, ML & Data Analytics

- Artificial Intelligence and Machine Learning for ICT
- Computational Intelligence & Machine Learning
- Explainable and Interpretable AI
- Generative AI for ICT
- Data Science
- Pattern Recognition
- Computer Vision
- Digital Twins
- Deep Learning and Neural Networks
- Reinforcement Learning and Adaptive Systems
- Natural Language Processing

Track-2: Communication, Networking & Signal Processing

- Communications and Signal Processing
- Multimedia Signal Processing
- Speech Processing & Image Processing
- RADAR and SONAR Signal Processing
- RF, Microwave, and THz Communication
- Semantic Communication
- Wireless Communication Technologies
- Network Optimization
- Networks and Information Security
- 5G/6G and Beyond Communication Systems
- Optical and Fiber Communication

Track-3: Embedded, IoT and Cyber-Physical Systems

- Embedded Systems
- IoT, IIoT and Wireless Sensor Network Technologies
- Cyber-Physical Systems
- Robotics and Autonomous Vehicles
- Real-Time Embedded Systems
- Edge and Fog Computing
- Smart Sensors and Actuators
- Industrial Automation and Control Systems
- Smart Grid and Energy Systems
- Autonomous Robotics and Intelligent Control
- Human-Robot Interaction

Track-4: VLSI, Microelectronics and Quantum Technologies

- VLSI and Related Areas
- Microelectronics
- Quantum Computation, Quantum Communication
- Nanoelectronics and Nanotechnology
- ASIC and FPGA Design and ·Analog and Mixed Signal IC Design
- System-on-Chip (SoC) Design
- Low Power VLSI Design
- MEMS and NEMS Technologies
- Semiconductor Devices and Modeling
- Electronic Design Automation (EDA)
- Hardware Security and Trust

Track-5: Cloud Computing, Software Systems and Emerging ICT Technologies

- Cloud and Big Data Management
- Computer and Software Systems
- AR, VR, XR for ICT
- Distributed and Parallel Computing
- High Performance Computing
- Blockchain and Distributed Ledger Technologies
- Software Engineering and DevOps
- Web Technologies and Internet Applications
- Mobile Computing and Applications
- Human-Computer Interaction
- Digital Transformation Technologies
- Metaverse Technologies and Applications

Track-6: Biomedical Engineering and Healthcare Technologies

- Biomedical Signal and Image Processing
- Medical Image Analysis
- Healthcare Informatics
- AI Applications in Healthcare
- Bioinformatics and Computational Biology
- Wearable Health Monitoring Systems
- Telemedicine and e-Healthcare Systems
- Brain-Computer Interface Technologies
- Biomedical Sensors and Instrumentation
- Remote Patient Monitoring Systems
- Biosignal Processing (ECG, EEG, EMG, etc.)
- Deep Learning for Medical Applications

Track-7: Remote Sensing, Geospatial and Drone Technologies

- Remote Sensing through Satellite/Drone Imaging
- Geospatial Data Analytics and GIS
- Satellite Communication and Earth Observation
- Drone-based Monitoring and Surveillance Systems
- Agricultural and Environmental Monitoring using Remote Sensing
- Disaster Management and Climate Monitoring
- Hyperspectral and Multispectral Imaging
- Intelligent Transportation and Smart City Monitoring

Special Sessions

Special sessions along with tutorials by eminent speakers are planned in the following focused themes with networking:

- Robotics and Autonomous Systems
- VLSI and Embedded Systems
- 5G and 6G Communication Technologies
- Drones and UAV Technologies
- Agentic AI and Autonomous Intelligent Systems
- Biomedical Applications and Healthcare Technologies

Startup Expo and Industry Interaction Forum

A dedicated platform for startups, innovators, researchers, industry experts, and academicians to showcase emerging technologies, innovative products, research prototypes, and entrepreneurial initiatives in ICT and allied domains through:

- Startup and Innovation Expo, Industry Talks and Networking Sessions
- Technology Demonstrations and Prototype Showcases, Funding, Incubation, and Collaboration Opportunities

PhD Symposium

Ph.D. Thesis successfully defended during 1st Oct 2024 To 30 Nov 2026 are eligible to be considered.

Drone Workshop

A 5-day hands-on workshop coveringdrone fundamentals, flight control systems autonomous navigation, mapping, and applications

Women in Engineering (WiE)

A dedicated initiative to encourage, and promote the participation, leadership, innovation, and professional growth of women researchers

Coding Contest

A competitive programming and innovation event designed to test problem-solving skills, algorithmic thinking, optimization techniques, and coding efficiency.

Important Dates and Registration fees

Full Paper Submission Deadline (Extended)	: ~~30 August 2026~~ (30 September 2026)
Notification of Paper Acceptance	: 30 October 2026
Camera-Ready Submission	: 18 November 2026
Registration Starts on	: 18 November 2026
Last date for registration	: 30 November 2026

Registration Fee(inclusive of GST):

Student: ₹ 11,000

Faculty: ₹ 13,000

Industry Participant: ₹ 15,000

IEEE members are eligible for a 15% discount in their respective categories

For more details: https://www.cict2026.iiitk.ac.in/registrationfee.html

5G Usecases with Hands on

Interactive sessions demonstrating real-world 5G applications including IoT, smart cities, edge computing, connected healthcare, autonomous vehicles, and drone communication

Instruction for uploading manuscript: Authors are requested to follow the paper submission guidelines. The manuscript must be uploaded online at:: https://cmt3.research.microsoft.com/CICT2026

Previous Editions of CICT: ieeeXplore Link

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