ICCC 2027

IEEE Kerala Section

7th INTERNATIONAL CONFERENCE ON CONTROL COMMUNICATION AND COMPUTING

ICCC 2027

May 21-23, 2027

Technical Co-sponsor
IEEE Kerala Section



Organized by
College of Engineering Trivandrum
Thiruvananthapuram, Kerala, India

iccc2027.cet.ac.in

CALL FOR PAPERS

Papers are invited from prospective authors on topics in Computer Science, Electrical and Electronics domains, which are listed track wise. Papers submitted to the conference should be based on original, previously unpublished work, experimental or theoretical, must not be under consideration for publication elsewhere.

MANUSCRIPT SUBMISSION GUIDELINES

Authors are invited to electronically submit their unpublished original research contributions in IEEE format for the conference. The maximum number of pages, including references, allowed is six. No author biography is required. Authors may download the template from the conference website.

Paper submission and review are managed by CMT. To submit your manuscript, login through the CMT website. The weblinks for the paper template and CMT login are available on the conference website: https://www.iccc2027.cet.ac.in.

REGISTRATION

At least one of the authors of each accepted paper must register for the conference for the paper to be included in the conference proceedings and published through IEEE Xplore. Registration fee covers conference proceedings, conference kit, coffee breaks, working lunch and banquet dinner. Full registration includes the registration of one paper. Additional papers for a single registration come with an additional fee. The papers presented at the conference will only be submitted to IEEE Xplore for publication.

TUTORIALS

There will be pre-conference tutorials on current topics in all the three tracks: Computing, Control & Communication Please visit the conference website (https://www.iccc2027.cet.ac.in) for updates.

REGISTRATION FEE

Category	Early Bird Rates		Standard Rates	
	IEEE Members	Non-IEEE Members	IEEE Members	Non-IEEE Members
Indian Author (Academia)	₹8,000	₹9,500	₹9,000	₹10,500
Indian Author (Industry)	₹9,000	₹10,500	₹10,500	₹11,500
Indian Student author	₹7,500	₹8,500	₹8,500	₹9,500
Indian Non-Author attendee	₹6,000	₹7,000	₹7,000	₹8,000
Indian Author- Additional paper rate*	₹3,000/paper	₹3,000/paper	₹3,000/paper	₹4,000/paper
Foreign Author	$250	$300	$300	$350
Foreign student author	$200	$250	$250	$300
Foreign Author- Additional papers*	$75/paper	$75/paper	$100/paper	$100/paper

* Additional paper charges apply per paper. Maximum of 2 submissions allowed.
All fees listed above are exclusive of GST.

IMPORTANT DATES

Call for Papers Announcement	:	October 1, 2026
Paper Submission	:	October 15 - December 15, 2026
Notification of Acceptance	:	February 15, 2027
Camera Ready Copy	:	March 1, 2027

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ABOUT THE INSTITUTE

The College of Engineering Trivandrum (CET) was established in 1939 and is the first engineering college in the state, boasting a rich history of academic excellence. The establishment of the Directorate of Technical Education in the late fifties brought the College administration under the control of the Government of Kerala. The College is affiliated with the APJ Abdul Kalam Technological University (KTU), Kerala. The institute offers a comprehensive range of academic programs, including undergraduate (B.Tech and B.Arch), postgraduate (M.Tech, M.Plan, M.Arch, and MBA), and doctoral (Ph.D.) degrees across various engineering, architecture, and management disciplines. The College offers eight undergraduate, 30 postgraduate, and doctoral programs. With its strong research base and extensive infrastructural facilities, the institute is recognized as a Quality Improvement Program (QIP) centre for research leading to Ph.D. The institute has ongoing academic and research collaborations with industries and leading academic institutions to keep pace with expanding frontiers of knowledge and global developments.

ABOUT THE CONFERENCE

ICCC 2027 aims to provide an international platform for researchers, academicians, industry professionals, and students to share innovative ideas, recent research findings, and technological advancements in the broad areas of Control, Communication, and Computing. The conference will feature keynote talks, invited lectures, and peer-reviewed paper presentations covering emerging trends and interdisciplinary research. The technical program focuses on areas including Intelligent Control Systems, Robotics and Automation, Signal Processing, Wireless Communication, VLSI and Embedded Systems, Advanced Algorithms, Cloud Computing and IoT, Cyber Physical Systems, Data Science, Artificial Intelligence and Machine Learning, Natural Language Processing, Computer Vision, Security and Privacy, Parallel and Distributed Computing, and Software Engineering, among others.

SCOPE AND TOPIC

TRACK 1: CONTROL SYSTEMS AND APPLICATIONS

- Architectures for Intelligent Control
- Automotive Control Systems
- Control of Aerospace Systems
- Control of Constrained Systems
- Control Theory and Applications
- Industrial Process Control and Automation
- Intelligent Autonomous Systems
- Manufacturing Systems Control
- Navigation, Guidance and Control
- Networked Control Systems
- Power Electronics and Drives
- Power System Operation and Control
- Renewable Energy and Smart Grid
- Transportation Electrification

TRACK 2: COMMUNICATION AND SIGNAL PROCESSING

- Acoustic and Audio Signal Processing
- Biomedical Signal Processing
- Instrumentation and Control
- MEMS/NEMS
- Nanoelectronics
- Network Systems and Protocols
- Optoelectronics and Lightwave Systems
- RF and Microwave Systems
- Reliability Engineering
- Robotics and Automation
- Signal Processing for Communications and Networking
- Two-dimensional Signal Processing and Video Analytics
- VLSI and Embedded Systems
- Wireless Communication and Sensor Networks

TRACK 3: COMPUTING AND INTELLIGENT SYSTEMS

- Advanced Algorithms
- Big Data Analysis, Cloud Computing and IoT
- Blockchain Technologies
- Computational Geometry and Computer Graphics
- Computer Networks
- Cyber Physical Systems
- Data Mining and Information Retrieval
- Data Science, Artificial Intelligence and Machine Learning
- Digital Image Processing and Computer Vision
- Natural Language Processing
- Parallel and Distributed Computing
- Security and Privacy
- Software Engineering and Formal Methods
- System Software Design and Implementation

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