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Participants	Indian	Abroad
UG Students	Rs.5000/-	USD 130
PG Students	Rs.5500/-	USD 130
Research Scholars	Rs.6000/-	USD 140
Academia	Rs.7000/-	USD 165
Industry	Rs.7000/-	USD 165
Listener	Rs.1500/-	USD 50

IMPORTANT DATES:

Last date to Submit Full-length Paper: 15.11.2025

Notification of Acceptance: 25.11.2025

Camera-Ready Papers Due & Registration Deadline

Date: 01.12.2025

Submit the full-length research papers in Prescribed standard format to

<https://www.icete.aairlab.com/iotg/?q=node/50>

REGISTRATION LINK:

<https://icete.aairlab.com/iotg/user/register>

PUBLICATION DETAILS

All the selected papers will be published in Scopus Indexed Publications (Wiley, Taylor & Francis, and others)

QR CODE FOR REGISTRATION FEE PAYMENT



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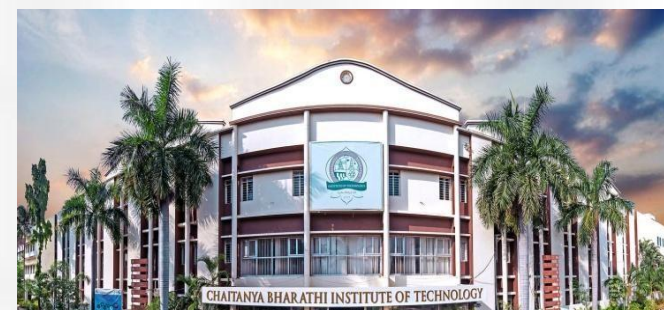
2nd International Conference on Emerging Technologies in Electronics and Communication Engineering

(ICETE 2025)

www.icete.aairlab.com

12th-13th December 2025

(Hybrid Mode)



Organized by

Department of Electronics and Communication Engineering,
CBIT supported by AAIR Lab India



Chaitanya Bharathi Institute of Technology

Autonomous Institute | Affiliated to Osmania University

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Hyderabad – 500075, Telangana, INDIA.

ABOUT THE COLLEGE

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, established in the Year 1979, esteemed as the Premier Engineering Institute in Telangana. It was promoted by a Group of Visionaries from varied Professions with an objective to facilitate the best engineering and management education to the students and contribute towards meeting the need of Skilled Engineers and Management Professionals for the country. The Institute committed to Research, Education and Innovation over a period of 45 Years with 12 UG & 10 PG Programs. It has emerged as a Dream Destination for students seeking to excel in Engineering and Management Education. The college has been a choice for the Corporates to Recruit industry ready Engineers. The college follows Stringent Academic Standards blended with Industry compliant Teaching Methodology and flair of Research Projects from Government Agencies & Industries to establish its identity in the field of technical education. The college is also Ranked in NIRF and accredited with NAAC A++.

ABOUT THE DEPARTMENT

The Department was established in the year 1979 along with the inception of the institution. It offers two UG Programmes, B.E. in ECE, B.E. in Electronics Engineering (VLSI Design & Technology) and two PG Programmes, M.E. in Communication Engineering and other in Embedded System & VLSI Design. The Department is NBA Accredited multiple times for both UG and PG Programmes. The Department has been continuously striving for excellence in engineering education and research, attracting meritorious students to seek admission. The Department has excellent infrastructural facilities with good legacy of producing prominent Alumni to the society.

ABOUT THE CONFERENCE

The International Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE) is a specialized event that focuses on the latest advancements and innovations in the field of Electronics and Communication engineering. Conference is pivotal for bringing researchers, practitioners, academicians and industry experts together from all over the world to exchange ideas,

share research finding, and discuss emerging trends and challenges in the field.

ICETE plays a crucial role in advancing the state-of-the-art in these rapidly evolving fields & fostering collaboration, encouraging interdisciplinary research and promoting innovation. Conference contributes significantly to the professional growth and development of its participants while shaping the future of electronics and communication engineering.

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Track I: Next-Generation Communication and Wireless Communication and Networking:

- 5G/6G Technologies and Standards
- Network Slicing and Virtualization
- MMWH Communication
- Cognitive Radio Networks
- Green Communications and Energy-Efficient Networks

Track II: Deep Learning Approaches for Disease Prediction and Treatment Optimization in Healthcare:

- ML in Healthcare: Harnessing Big Data Insights
- ML and Predictive Analytics in Medical Diagnostics
- ML Techniques for Optimizing Treatment
- Combining AI with Clinical Decision Support
- Ethical Deliberations and Legislative Structures for the Implementation of AI
- ML Models in Practical Healthcare Environments

- Advancements and Patterns Changing the Face of AI in Medical care
- Deep Neural Nets for Predictive and Early Disease Identification
- Reinforcement Education in Medical Decision Assistance Systems
- Healthcare Unsupervised Learning
- Large-Scale Healthcare Data Scalable Architectures

Track III: Artificial Intelligence, Machine Learning, Internet of Things (IoT), VLSI Design and Cybersecurity Applications

- AI-driven Communications and Networking
- Machine Learning for Signal Processing
- IoT Architectures and Protocols
- Edge Computing for IoT
- IoT Security and Privacy Challenges
- Blockchain Applications
- Advanced VLSI Design & Technology

Track IV: Distributed Computing and Intelligent Data Analytics

- Understanding Distributed Computing
- Exploring Data Analytics
- Integration of intelligent techniques
- Scalability and performance
- Real world applications
- Challenges and future directions

Track V: Sustainable Development Goals for Industry 4.0/ Industry 5.0

- Introduction to Industry 4.0/Industry 5.0
- The Evolution of Industrial Revolutions
- Integrating Machine Learning with Industry 4.0
- Machine learning models for industrial applications
- Smart Manufacturing and Automation
- Role of machine learning in manufacturing automation
- Machine learning in robotics
- Real-World Applications in Various Industries
- Ethical considerations of AI and automation
- Cybersecurity in Industry 4.0/Industry 5.0
- Renewal Energy, Smart Cities
- Smart Healthcare Applications

Papers are not only limited to the above topics.

ADDRESS FOR COMMUNICATION

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