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Original contributions of ongoing research and unpublished research works/outcomes are expected from Authors. Prospective Author(s) are required to submit their soft copy of Research papers, in the format given below, not exceeding six pages including figures, tables, results and references. Paper format: Single side one column format with single line spacing - A4 (refer website)

PUBLICATION

Accepted and presented papers will be published in the conference proceedings with an ISBN number. The best papers will be selected for publication as book chapters and indexed in Scopus, subject to an additional cost. The registration fee includes certificates for the first three authors of each paper. A Best Paper Award will be presented for abased on article quality.

FINAL PAPER FORMAT

All manuscripts in MS WORD, should be submitted to icite2k25@jec.ac.in, including the title, Affiliation of all authors, E-mail and Phone number

No. of. authors : 3 person per team(additional person ₹200)

Paper title : 16 points

Abstract : 10 points, Italic

Section heading : 10 points, Bold

Sub headings : 12 points, Italic

Text font size : 12 points, Normal

Line spacing/font : Single, Times New Roman

No. of. columns/page : Single

No. of Pages : Not exceeding 6 in A4 size

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International Conference on Innovative Technologies & Engineering

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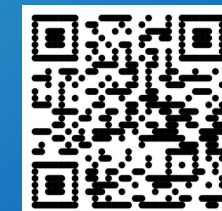
ABSTRACT SUBMISSION : 04-05-2025

FULL PAPER SUBMISSION : 06-05-2025

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Jaya Engineering College (JEC), established in 1995, is an permanently affiliated with Anna University, Chennai, and approved by AICTE, New Delhi. It is a part of the Jaya Group of Institutions, which includes 30 institutions across Engineering, Medical, Agriculture, Arts & Science and other fields. JEC is NAAC accredited and 2 programmers (B.E.CSE & B.Tech. Textile) have been accredited by NBA. It is a recognized Nodal Centre for MSME Startups under both Central and State Government Initiatives, with CSE and IT departments specifically serving as innovation hubs. The college actively collaborates with ICTACT.

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ABOUT CONFERENCE

The International Conference on Innovative Technologies and Engineering (ICITE) is a prestigious annual event dedicated to showcasing cutting-edge research and advancements in technology. Organized by the Department of Information Technology in collaboration with the Departments of Computer Science and Engineering (CSE) and Master of Computer Applications (MCA), The conference serves as a vibrant platform for researchers, academicians, and industry professionals to exchange ideas, foster innovation, and promote collaboration. With a strong focus on emerging trends in Artificial Intelligence, Machine Learning, Cybersecurity, Blockchain, Cloud Computing, IoT, Big Data, Web Technologies, and Digital Transformation, ICITE 2025 emphasizes the pivotal role of IT, CSE, and MCA disciplines in shaping the digital future. The conference invites original research contributions, technical workshops, and thought-provoking keynotes, creating a dynamic environment for learning, networking, and inspiring the next wave of technological breakthroughs.

TOPIC : NOT LIMITED

TRACK 1: ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

- Artificial intelligence tools & applications
- Machine learning for 5G system
- Soft computing, fuzzy system and ANN
- Deep and reinforcement learning
- Pattern recognition and classification for networks
- Natural language processing
- Hybrid intelligence system
- Generative AI
- Robotics
- Computer vision

TRACK 2: NETWORK TECHNOLOGIES

- Network protocols and architecture
- Adhoc and sensor networks
- Mobile and broadband wireless internet
- Mobile network and wireless LAN
- High speed networks
- Network security and privacy
- Cellular and broadband wireless networks
- Cognitive radio networking

TRACK 3: DATA COMPUTING

- Data computing
- Edge computing
- Blockchain and IoT
- Blockchain in edge and cloud computing
- Blockchain in next-generation communications and networks
- AR and VR applications
- Cyber-Physical systems
- Information retrieval

TRACK 4: IMAGE PROCESSING AND PATTERN RECOGNITION

- Image segmentation
- Digital image security
- Digital image detection
- Signal and image processing
- Brain-computer interface
- Structural pattern recognition

- Biometrics
- Biomedical systems and applications
- Image enhancement
- Statistical pattern recognition
- Speech recognition
- Syntactic pattern recognition

TRACK 5: CYBERSECURITY AND ETHICAL AI

- Threat detection and prevention techniques
- AI for intrusion detection systems
- Cryptography and secure communications
- AI-driven malware analysis
- Ethical implications of AI in communication
- Secure multi-party computation
- Privacy-preserving machine learning
- AI governance and compliance
- Risk management in autonomous systems

TRACK 6: SMART SYSTEMS AND EMBEDDED TECHNOLOGIES

- Smart city infrastructure and IoT integration
- Embedded AI systems and edge intelligence
- Smart transportation and traffic systems
- Energy-efficient embedded systems
- Sensor integration in AI applications
- Autonomous robotics and embedded control systems
- Wearable embedded systems for health monitoring
- Secure communication protocols for embedded IoT devices
- AI-powered predictive maintenance in smart systems
- Low-power wireless sensor networks for smart environments

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