

International Conference on Innovations in Emerging Technologies for Sustainable Development (ICIETSD–2027)

Innovate Today, Sustain Tomorrow.

OBJECTIVE OF THE CONFERENCE

The objective of ICIETSD-2027 is to provide a premier international platform for researchers, academicians, industry experts, innovators, and students to present high-quality research, exchange innovative ideas, and foster global collaborations in emerging technologies. The conference particularly emphasizes Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Internet of Things (IoT), Cloud Computing, Intelligent Systems, and Sustainable Digital Technologies, encouraging academia–industry interaction to address real-world challenges. ICIETSD-2027 promotes interdisciplinary research, innovation, technology transfer, startup and entrepreneurship initiatives, and the development of smart, secure, and sustainable solutions aligned with the United Nations Sustainable Development Goals (UN SDGs), thereby contributing to the advancement of society, industry, and future technological development.

Committee and Members:

Chief Patron: Dr M Perumallu, Chairman, Malineni Lakshmaiah Group of Institutions

Patron: Prof J Appa Rao, Principal

Convenor: Dr G Rama Swamy

Co-Convenors: Dr D Ravi Kiran

Dr K Sunitha

Advisory Committee: (outside member & internal)

Conference Chairs: (outside member & internal)

Organizing Committee:

For Details Contact:

Conference E-mail:

About MLEW:

Malineni Lakshmaiah Women's Engineering College (MLEW) is a premier women's engineering institution located at Pulladigunta, Guntur, Andhra Pradesh, affiliated with JNTU Kakinada and committed to providing quality technical education, innovation, research, and holistic development. The college offers undergraduate and postgraduate programmes with a strong focus on emerging technologies, industry-oriented learning, entrepreneurship, and skill development. With experienced faculty, modern laboratories, digital learning resources, extensive infrastructure, and active industry collaborations, MLEW empowers women students with the knowledge, skills, confidence, and professional competencies needed to excel in higher education, research, industry, and society. The institution continuously strives for academic excellence and has established a strong culture of outcome-based education, innovation, research, and continuous improvement.

About the Department:

The Department of Computer Science and Engineering (CSE) at Malineni Lakshmaiah Women's Engineering College was established in the year 2008. The Department is accredited by NBA in 2022 & 2025 for a period of 3 years. M.Tech in CSE is also run in the department. The Department of CSE is committed to excellence in technical education, research, innovation, and professional development. Established with the vision of producing competent and socially responsible computer science professionals, the department offers a dynamic learning environment supported by experienced faculty members, modern computing laboratories, and industry-oriented curriculum.

The department focuses on emerging technologies such as Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Cloud Computing, Internet of Things (IoT), Blockchain, Full Stack Development, and Generative AI. It encourages students and faculty to engage in research, innovation, publications, patents, funded projects,

internships, hackathons, and industry collaborations to address real-world challenges. The CSE Department maintains active collaborations with professional bodies, industries, and academic institutions to bridge the gap between academia and industry. Regular activities including Faculty Development Programmes (FDPs), workshops, seminars, coding competitions, technical clubs, and guest lectures enhance the technical and professional skills of students.

The department has a strong commitment to Outcome-Based Education (OBE), quality enhancement, and continuous improvement, ensuring that graduates are equipped with technical expertise, ethical values, leadership qualities, and lifelong learning abilities.

Call Papers:

The conference invites full length original research contributions not submitted to any other journal / conferences. We invite technical papers on the following domains, but not limited to:

- Artificial Intelligence and Machine Learning
- Augmented Reality (AR) and Virtual Reality (VR)
- Blockchain and Distributed Ledger Technologies
- Computational Biology and Bioinformatics
- Computer Vision / Natural Language Processing
- Computational Intelligence
- Neuromorphic Computing

- Cybersecurity and Privacy
- Data Science and Big Data Analytics
- Edge Computing and IoT
- Embedded Systems
- Gesture Recognition
- Human-Computer Interaction (HCI)
- Image Processing
- Next-Generation Networking
- Network Communications
- Quantum Computing and Information
- Robotics and Autonomous Systems
- Social Network Analysis
- Sustainable and Green Comp

Submission of guidelines:

The papers submitted to the conference should be original and not to be submitted to any other journal / conferences in PDF format as per the guidelines and IEEE format

- Please mail your original manuscript mentioning your name, contact details and e-mail id to IETSDmlew@malinenicolleges.ac.in
- All submitted papers will be checked for plagiarism and papers which are not satisfying the criteria will be summarily rejected
- Notification of acceptance will be through email
- All good quality and accepted papers will be published in the proceedings of the conference
- Only selected good quality papers will be published in Scopus indexed book chapters (Publication charges extra if any)
- Registration will be confirmed only after the payment of registration fee
- Papers will be included in the conference proceedings subject to at least one author being present on the day of the conference to present the paper.

Important Dates:

Full paper submission deadline	8 th January 2027
Notification of Acceptance	19 th January 2027
Camera-ready paper deadline	27 th January 2027
Registration Starts (Submission	30 th January 2027

of registration fee)	
Registration Closes	15 th February 2027
Conference	22 nd and 23 rd February 2027

Details of Registration:

Authors	Registration Fee
Students (Internal & External)	Rs: As per norms
Faculty (Internal & External)	Rs: As per norms
Industry	Rs: As per norms

Mode of Conducting: Hybrid

About the Conference

The **International Conference on Innovations in Emerging Technologies for Sustainable Development (ICIETSD–2027)** is a premier international forum dedicated to advancing research, innovation, and collaboration in emerging technologies that contribute to sustainable development. The conference brings together researchers, academicians, scientists, industry professionals, policymakers, entrepreneurs, and students from around the world to exchange knowledge, present cutting-edge research, and discuss innovative solutions to contemporary global challenges.

ICIETSD–2027 focuses on the latest developments in **Artificial Intelligence, Machine Learning, Generative AI, Data Science, Cyber Security, Internet of Things (IoT), Cloud and Edge Computing, Blockchain, Robotics, Quantum Computing, Smart Computing, and Sustainable Engineering**. The conference encourages interdisciplinary research that integrates advanced technologies with sustainable practices to improve healthcare, agriculture, education, energy, smart cities, manufacturing, environmental conservation, and digital transformation.

The conference will feature keynote addresses by internationally renowned experts, invited talks, technical paper presentations, panel discussions, workshops, and networking sessions, providing participants with opportunities to share ideas, establish collaborations, and explore emerging research trends. All submitted papers will undergo a rigorous peer-review process to ensure high academic and technical standards.

The ICIETSD–2027 aims to foster innovation, strengthen academia–industry partnerships, and promote technology-driven solutions that contribute to building a sustainable, resilient, inclusive, and digitally empowered future for society.

Conference Tracks

Track 1: Smart Agriculture and Sustainable Technologies

Topics include:

- Precision Agriculture
- AI and IoT in Agriculture
- Smart Irrigation Systems
- Agricultural Robotics
- Remote Sensing and GIS
- Crop Monitoring and Disease Detection
- Agri-Tech Innovations
- Food Security and Sustainable Farming
- Climate-Smart Agriculture

- Agricultural Data Analytics

Track 2: Emerging Technologies and Intelligent Systems

Topics include:

- Artificial Intelligence and Machine Learning
- Deep Learning and Generative AI
- Internet of Things (IoT)
- Edge and Fog Computing
- Blockchain Technology
- Robotics and Automation
- Digital Twins
- Augmented Reality (AR), Virtual Reality (VR), and Metaverse
- Quantum Computing
- Smart Cities and Industry 5.0

Track 3: Computing Technologies and Data Analytics

Topics include:

- Cloud Computing
- High Performance Computing
- Distributed Computing
- Big Data Analytics
- Data Science
- Software Engineering
- Computer Networks
- Human-Computer Interaction
- Database Systems
- Intelligent Information Systems

Track 4: Cyber Security, Privacy and Digital Trust

Topics include:

- Network and Information Security
- Cyber Threat Intelligence
- Digital Forensics
- Cryptography
- Blockchain Security
- Cloud Security
- IoT Security
- Privacy-Preserving Technologies
- Secure Software Engineering
- Ethical Hacking and Risk Management

Documents to be prepared:

1. Institute website link
2. Conference page regarding conference details
3. Conference full page
4. Session name and Scope area
5. Conference date and Location
6. Organising Committee
7. Invite speaker list

8. Estimate no of Papers (30 to 50)
9. Conference 250 words
10. Day wise Plan