INTERNATIONAL CONFERENCE ON RECENT ARTIFICIAL INTELLIGENCE INNOVATIONS IN COMPUTING AND ENGINEERING-ICRAIICE-2025

MULTIDISCIPLINARY RESEARCH SUMMIT

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**CONFERENCE DATE:
20TH & 21TH DECEMBER-2025
(HYBRID MODE)**

Venue: **St.Ann's College of Engineering & Technology (Autonomous), Chirala, Bapatla(D), Andhra Pradesh, INDIA**

Organized by: Department of CSE, SACET, in association with BLSDTE

APPROVED BY AICTE- NEW DELHI, PERMANENTLY AFFILIATED TO JNTUK KAKINADA, ACCREDITED BY NBA (FOUR TIMES), NAAC (THRICE), and IE (I) CALICUT

**http://www.sacet.ac.in/
https://www.blsdte.org/**

Help: 6301439750, 9030790580, 8500980990

Welcome to the 'Recent Artificial Intelligence Innovations in Computing and Engineering' Conference. Join global researchers, practitioners, and innovators as we explore the latest advances and real-world applications of AI across industries.

About The Organization:

St. Ann's College of Engineering & Technology (SACET) was established in the year 2001 at Vetapalem Mandal, Chirala, Bapatla District, Andhra Pradesh by the St.Mary Educational Society, pioneered by Educationalists, Industrialists, and Philanthropists. The College is housed amidst lush green fields, in a serene environment, free from pollution and conducive to the pursuit of education. The Bay of Bengal is just two km away from the college. The Institution is approved by AICTE, New Delhi, and is permanently affiliated to the JNTUK, Kakinada, Andhra Pradesh, India. It is accredited by the National Board of Accreditation (NBA) three times and is permanently accredited by the Institution of Engineers (IE). NAAC accredits the Institution with 'A' Grade both in I and II cycles. Recognized by UGC under Section 2(f) and 12(B) of UGC Act,1956, and awarded 'A' Grade by Andhra Pradesh State Government.

The College has an MOU with the ISRO Space Application Center, Ahmedabad. The college is approved as TSDI [SEIMENS] by AP State Government. Now, the status is "Autonomous".

Note: The Quality Articles will be published in Scopus / Web of Science Journals with a separate fee

- Through the Conference, Research Articles will be published in various Scopus, Web of Science, UGC Care, and SCI Journals with a separate fee.
- Per Article, Registration Fee for the Conference: B.Tech:₹1600/-, M.Tech:₹1800/-.
- Per Article, Registration fee Academician /Practitioner/ Industrialist for the Conference: ₹2500/- only and for Ph.D./Post Doc.: ₹ 2900/-
- For Foreigners, 150 Dollars.
- For a Listener 1000/-
- Hard Copy of Conference Certificates and proceedings will be posted to your postal address with a separate fee: ₹ 2500/-
- Softcopy of certificates and proceedings will be given to all registered authors

11.12.2025
Full Paper Submission

16.12.2025
Deadline of Registrations

18.12.2025
The Schedule & Conference link

20.12.2025 & 21.12.2025
The ICRAIICE-2025

List of themes (MULTIDISCIPLINARY):

Themes include (but are not limited to)

1. Artificial Intelligence and Machine Learning
-Deep Learning, Reinforcement Learning, and Transfer Learning, -Neural Networks and Hybrid Intelligent Systems, -Explainable and Responsible AI, -AI for Decision Support and Predictive Analytics
-Generative AI and Large Language Models
2. Data Science and Big Data Analytics
-Big Data Processing and Cloud-Based Analytics, -Data Mining, Pattern Recognition, and Knowledge Discovery
-Statistical Learning and Predictive Modeling, -Data Visualization and Interpretation, -Real-Time and Streaming Data Analysis
3. Computing and Software Engineering

-High Performance and Parallel Computing, -Edge, Fog, and Cloud Computing for AI Applications, -Software Engineering for Intelligent Systems, -Green Computing and Sustainable Technologies, -AI-Driven Software Testing and Automation, 4. Intelligent Systems and Robotics, -Autonomous and Collaborative Robotics, -Swarm Intelligence and Evolutionary Computation, -AI in Mechatronics, Control, and Automation, -Human–Robot Interaction (HRI), -Industrial Robotics and Smart Manufacturing
5. Internet of Things (IoT) and Cyber-Physical Systems
-AI-Enabled IoT and Industrial IoT (IIoT), -Cyber-Physical and Embedded Systems, -Smart Cities, Smart Grids, and Smart Healthcare, -Sensor Networks and Edge AI
-Real-Time Systems and Intelligent Control
6. Computer Vision, Speech, and Natural Language Processing
 -Image and Video Understanding, -Object Detection, Recognition, and Tracking, -Speech Recognition and Synthesis, -Natural Language Understanding, Generation, and Translation, -Multimodal AI and Emotion Recognition
7. Cybersecurity, Privacy, and Trustworthy AI
-AI for Threat Detection and Risk Mitigation, -Privacy-Preserving and Federated Learning, -Blockchain for Secure AI Systems, -Ethical AI and Policy Frameworks, -Adversarial Machine Learning and Model Robustness

8. Emerging Technologies and Future Computing
-Quantum Artificial Intelligence,-Bio-Inspired and Neuromorphic Computing
-Digital Twins and Simulation-Driven Engineering, -AI in Metaverse and Extended Reality (AR/VR), -AI-Powered 5G/6G Networks and Communication Systems
9. AI Applications in Engineering and Science
-Civil, Electrical, Mechanical, and Electronics Engineering Applications, -Renewable Energy Systems and Smart Grids. -Structural Health Monitoring and Predictive Maintenance, -Materials Informatics and Smart Manufacturing
-AI in Environmental and Sustainable Engineering,
10. Interdisciplinary and Societal Applications
-AI in Healthcare, Agriculture, Education, and Finance, -AI for Climate Change and Sustainable Development Goals (SDGs)
-Human-Centered AI Design and Accessibility, -AI Policy, Regulation, and Governance, -AI in Business Intelligence and E-Commerce

Note: After payment, you must submit the scanned copies of the Registration form, Copyright form, Membership Form, and Payment proof to
papers.iirmsdt@gmail.com ,
blsdteservices@gmail.com

INSTRUCTIONS TO AUTHORS: Original papers based on theoretical or experimental work related to the above-mentioned themes are solicited for presentation at the conference. The paper should begin with the title, a short abstract, and a list of keywords. Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed. **Note**: Please do not submit plagiarized papers. **Note 1**: Pages must be a minimum of 5 and a maximum of 8, extra pages will be charged separately.
Note 2: We will permit, per articles 4 to 5, authors including the Guide for B.E./B. Tech Students, 1 to 2 authors including Guide for M.E/ M.Tech Students, 1 to 2 authors including Guide for Research Scholars, 1 to 2 authors for Academician/Practitioner/Industrialist, and 1 to 2 authors for Ph.D./Post Doc.

The **ICRAIICE-2025** is a premier international forum aimed at bringing together researchers, engineers, practitioners, and students from around the world to share their latest research findings, ideas, innovations, and efforts in the broad domain of artificial intelligence, computing, and engineering.

Objectives

- To promote multidisciplinary collaboration and exchange of cutting-edge research in AI, computing, and engineering.

- To showcase recent innovations and emerging trends in intelligent systems, data science, and engineering applications.

- To foster networking, collaboration, and partnerships among academics, industry professionals, and policymakers.

- To provide a platform for young researchers and students to present their work and receive constructive feedback from experts in the field.

Scope & Focus

ICRAIICE-2025 aims to cover a wide spectrum of topics at the intersection of AI, computing, and engineering (MULTIDISCIPLINARY)

Key Features

- Invited Talks & Keynotes by leading experts in AI, computing, and engineering domains

- Peer-Reviewed Paper Presentations (full papers, short papers, posters)

- Workshops & Tutorials on emerging tools/methods and special topics

- Panel Discussions on AI trends, challenges, and future directions

- Special Sessions on niche or cross-disciplinary topics

- Best Paper / Young Researcher Awards to encourage outstanding contributions

- Networking & Collaboration Opportunities for academia–industry exchange

Who Should Attend

- Academic researchers, faculty members, and students in AI, computer science, electrical engineering, mechanical engineering, data science, and related fields

- Industry professionals, R&D engineers, software developers, system architects, and data scientists

- Government, regulatory bodies, and policy makers interested in AI adoption and impact

- Entrepreneurs, start-ups, and technology innovators

- Expected Outcomes & Impact

- Publication of conference proceedings (indexed in major databases)

- Advancement of knowledge through high-quality research contributions

- Formation of collaborative networks and research partnerships

- Acceleration of translation from research to real-world applications

- Contribution toward addressing global challenges via AI and engineering innovation

KEYNOTE SPEAKER

**Dr. TIRAPATHI REDDY B
PROFESSOR,
DEPARTMENT OF CSE,
KLEF (KL UNIVERSITY),
VADDESWARAM, VIJAYAWADA
https://www.kluniversity.in/**

Theme: Connecting Minds through AI Innovation