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Dr. Nagesh Bhattu Sristy, Assistant Professor, NIT-AP.
Dr. P. S. V. S. Sai Prasad, Professor, University of Hyderabad.
Dr. N.S.S Ushadevi, Assistant Professor, CSE, JNTU, Kakinada.
Dr. Chandra Sekhar Voruganti, Lead Computer Vision Engineer.

About College:

Sagi Rama Krishnam Raju Engineering College, established in 1980, is one of the earliest self-financing Engineering Colleges in the state of Andhra Pradesh. Established with a noble cause to empower rural students through technical education, the institution today has evolved as one of the pioneering technical institutions in the country. Spreading over 30 acres of green land, the institution has set up state-of-the-art facilities for science and technology and created a conducive environment for an inclusive and culturally responsive teaching-learning process. Alongside education and research, it established a history of work ethos that supports students in developing a creative, confident and logical approach to nation-building, making them highly valued graduates and opening doors to a wide range of exciting careers.

About the Department of CSE:

Department of Computer Science and Engineering was established in the year 1991 with B.Tech. (CSE) program and with an intake of 40. It has grown by leaps and bounds over the last three decades with intake increased to 300 by 2021. M.Tech.(CST) in the year 2006 with an intake of 18 and increased to 36 by the year 2011. The department was recognized as a research centre by Jawaharlal Nehru Technological University Kakinada (JNTUK) in 2019.

The department has all the necessary infrastructure, and highly qualified and experienced faculty for a better teaching learning experience to students. The department has well equipped 11 laboratories, 3 research labs, 2 seminar halls, 4 e-class rooms, and 15 class rooms. The strength of the department is the faculty with a total of 62 out of which 13 are doctorates, 4 have submitted their thesis, 4 are about to complete their Ph.D., 30 have registered for Ph.D., and the remaining with M. Tech Qualification.



3rd International Conference On Algorithms in Advanced Artificial Intelligence (ICAAAI-2025)

11th to 13th
December 2025

Organized by
Department of CSE

S R K R
ENGINEERING COLLEGE
AUTONOMOUS

China Amiram, Bhimavaram, Andhra Pradesh-534204.

About the Conference: 3rd ICAAAI-2025 covers advanced artificial intelligence algorithms, including machine learning, deep learning, natural language processing, computer vision, reinforcement learning, cover AI, edge AI, responsible AI, explainable AI, and human-AI collaboration. AI systems benefit predictive maintenance, intelligent virtual assistants, tailored medication, and driverless cars. Large Language Models revolutionize natural language processing, while Collective AI uses multi-agent systems, swarm intelligence, machine learning, and game theory to tackle complex problems beyond individual capabilities. Advanced AI has the potential to revolutionize our lives and industries, but ethical and responsible AI are crucial. The integration of AI and ML technologies in cybersecurity is revolutionizing digital defense mechanisms, necessitating understanding how to effectively utilize these technologies and addressing their challenges. Ethical AI emphasizes moral considerations and aligns with human values, while responsible AI develops frameworks and principles to ensure dependable, trustworthy, and societally responsible AI systems. Embodied AI, a cutting-edge technology that integrates real-time perception, memory, learning, and adaptive action, is revolutionizing drone security, resilience, and autonomy in disaster response and precision agriculture applications. Advanced AI uses various algorithms for complex tasks, improving accuracy, efficiency, and decision-making in industries like computer vision, NLP, and robotics. The concepts, focusing on justice, accountability, transparency, data privacy, security, and inclusivity, include ethical AI, responsible AI, and quantum AI. Ethical AI is developing frameworks for responsible AI, while quantum AI combines computing and AI for potential applications.

Organizing Committee

Dr. K. Rama Prasad Raju, Professor in CSE
 Dr. M.S.V.S.B. Raju, Professor in CSE
 Dr. G. Mahesh, Professor in CSE
 Dr. K. V. Krishnam Raju, Professor in CSE
 Dr. N. K. Kamesh, Assoc. Professor in CSE
 Dr. R.N.V. Jagan Mohan, Assoc. Professor in CSE
 Dr. G.N.V.G. Sirisha, Assoc. Prof. in CSE
 Dr. V.K.R. Gupta, Assoc. Prof. in CSE
 Dr. P. Bharath Siva Varma, Assoc. Prof. in CSE
 Dr. M. Srihari Varma, Assoc. Prof. in CSE
 Dr. K. Aruna Kumari Assoc. Prof. in CSE
 Dr. K.V.Nagendra, Assoc. Professor in CSE
 Dr. D.N.S.B. Kavitha, Asst. Prof. in CSE
 Dr. J. Rajani Kanth, Asst. Prof. in CSE
 Dr. R. Shiva Shankar, Asst. Prof. in CSE
 Dr. L. Divya, Asst. Professor in CSE
 Dr. Ch. Ravi Swaroop, Asst. Prof. in CSE
 Dr. K. Pavan Kumar, Asst. Prof. in CSE.

Note: The committees were organized by every faculty member at the conferences.

Author Guidelines

3rd International Conference on Algorithms in Advanced Artificial Intelligence (ICAAAI-2025) invites researchers, academicians, professionals, practitioners, and students to impart and share their knowledge in the form of high-quality originals research papers proposing novel solutions and case studies addressing the current real-life problems.

Call for Papers

3rd ICAAAI-2025 covers all topics related to Algorithms in Advanced Artificial Intelligence in ICT including but not limited to Artificial Intelligence (AI) approaches are used in various industries to make data-driven decisions. AI, a transformative technology, has advanced into machine learning algorithms, enhancing applications like image recognition and autonomous vehicles. However, it faces challenges like bias, privacy, and security, necessitating responsible and ethical AI, embodied AI. Advanced AI uses various algorithms for complex tasks, improving accuracy, efficiency, and decision-making in industries like computer vision, NLP, and robotics. Ethical, responsible, and quantum AI are key concepts focusing on fairness, transparency, accountability, data privacy, security, and inclusiveness, with ethical AI developing responsible frameworks and quantum AI combining computing, Embodied AI and AI.

Recommended Topics: The topics that follow will be covered in this special session, albeit they are not the only ones:

AI Models & Applications: Large Language Models (LLMs), AI-Generated Content and Media, AI in Threat Detection, Quantum Machine Learning (QML).

AI & Security: Advanced AI in Cybersecurity, Secure Machine Learning, Adversarial Machine Learning, AI for Threat Detection and Prevention, Cyberthreats, LLMs Security, Federated Learning and Security, Security in Cloud-based Machine Learning.

Ethical & Responsible AI: Responsible AI, Ethical AI, Trustworthy AI Systems, AI and Regulatory Compliance.

Privacy and Robustness: Privacy-Preserving Machine Learning, Robustness in AI Models.

Quality, reliability, and optimization aspects of AI: Machine learning's prominence in safety expands, Semi-supervised and unsupervised methods exhibit potential, Supervised classification remains preeminent in machine learning, Data pre-processing crucially influences machine learning outcomes, Confidence estimation in machine learning models is essential.

Paper Submission

The 3rd ICAAAI-2025 conference is seeking papers with significant research contributions, not previously published or under consideration for publication elsewhere. All submissions will be peer-reviewed, with only novel research results or successful innovative applications considered.

Registration Link: <https://forms.gle/IETAXEQw9fMHZo9D9>

Publication

All accepted, registered, and presented conference papers will be published in the proceedings of 3rd ICAAAI-2025. Certificates will be provided to all the participants. The papers will be published in a Scopus-indexed book series based on quality.

Registration Fee

Delegates can register in advance by submitting the registration fee and a completed registration form, with participants from academia, industry, or others paying ₹1000/-

Participants

Professionals from a wide range of engineering departments, businesses, consulting firms, design units, research labs, and academic institutions are welcome to attend the conference.

Important Dates

Full Paper Submission Due	:	10-09-2025
Notification of Acceptance	:	20-10-2025
Camera Ready Paper Submission	:	30-10-2025
Conference	:	11 th , 12 th and 13 th Dec 2025

For Contact:

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Convener in ICAAAI-2025

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