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- Dr. D. Vinod, Associate Professor, SRM Institute of Technology
- Dr. S. Anusuya, Professor, Saveetha School of Engineering
- Dr. Michael, Professor, Saveetha School of Engineering, Chennai
- Dr. Kavitha, Associate Professor, Panimalar Engineering College
- Dr. Kalaivani, Professor, Rajalakshmi Engineering College
- Dr. A. Revathi, Assistant Professor, SRM Institute of Science and Technology
- Dr. Bhanupriya, Associate Professor, M. Kumarasamy college of Engineering, Karur
- Dr. Deepa, Associate Professor, Sathyabama University
- Dr. G. Rosline Nesa Kumari, Professor, BIHER, Chennai

## ORGANISING COMMITTEE

- Dr. P. Prakash / Associate Professor
- Dr. P. Vijayakumari / Associate Professor
- Dr. S. Parvathi / Associate Professor
- Dr. Prakash D / Associate Professor
- Mr. Vallarasu T.S / Assistant Professor
- Ms. S. Anushya / Assistant Professor
- Ms. D. Mangayarkarasi / Assistant Professor
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- Mr. M. Vetrisekaran / Assistant Professor
- Ms. V. Karthika Devi / Assistant Professor
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- Ms. R. Manju / Assistant Professor
- Ms. I. Abirami / Assistant Professor
- Ms. Sirisha Ganti / Assistant Professor
- Ms. S. Vinothini / Assistant Professor
- Ms. J. Jayavarthini / Assistant Professor
- Ms. J. Rajalakshmi / Assistant Professor



**Sairam**  
INSTITUTIONS



## PATRONS

**Dr. Sai Prakash LeoMuthu**  
Chairman & CEO, Sairam Institutions

**Dr. J. Raja**  
Principal, Sri Sairam Engineering College

## CONVENOR

**Dr. Swagata Sarkar,**  
Professor & HOD / AI&DS / SEC  
Tel: 9841179090

## Conference Co-ordinators

**Mr. V. Arun**  
Assistant Professor/AI-DS/ SSEC  
9840474611

**Mr. S. Sivamurugan**  
Assistant Professor/AI-DS/ SSEC  
7010486031

## Organizing Secretary

**NCAAIET'25**  
Department of Artificial Intelligence and Data Science,  
Sri Sairam Engineering College  
Sai Leo Nagar, West Tambaram, Chennai – 44

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

In Association with



# FOURTH NATIONAL CONFERENCE ON ADVANCEMENT IN ARTIFICIAL INTELLIGENCE AND EMERGING TRENDS

## NCAAIET'25

11th September 2025



**Sai Sairam Engineering College**  
An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC 'A+' | ISO 21001 : 2018 (EOMS) Certified by BIS and NIRF ranked institution  
Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairam.edu.in](http://www.sairam.edu.in)



## ABOUT THE INSTITUTION

Sri Sai Ram Engineering College (Autonomous), Chennai-44, Tamil Nadu, India established in the year 1995 by MJF. Ln. Leo Muthu, the Founder Chairman of the Sathagiri Educational Trust, is a non-profitable and a non-minority institution. The Institution is approved by the All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. Today, the Institution has developed into a reputed and top-notch Engineering Institution with ISO 9001:2015 Certification, NBA Accreditation to all eligible disciplines of Engineering, Management and Accreditation by NAAC in A+ with 3.37 CGPA for 5 years, BIS certified & QS-I-Gauge -Diamond rated Institution. Recognized by SIRO and Band-A Top 25 category in Atal Ranking of Institutions on Innovation Achievements (ARIIA, MHRD, Government of India). Fourteen Programs are offered at the UG (B.E. / B. Tech) level & Eight Programs are offered at the PG level. The institution is recognized by AICTE to establish AICTE IIPC, AICTE EDC, AICTE Idea Lab and MoE's IIC based on strong industry alliance, research culture and activities of Sairam Innovation Eco System. The institution created significant partnerships and associations with NITTTR, VIRTUSA, COINDIA, Defence Innovation & Atal Incubation centre, Ministry of Defence, TIEMA and IBM to name a few. The College has an active IEEE student branch (SB) which is closely associated with IEEE Madras section in all spheres of student activities through the 25 society chapters and each department is associated with minimum one IEEE society to enhance professional and technical skill sets of faculty and student members.

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

The Department of Artificial Intelligence and Data Science (AI-DS) at Sri Sai Ram Engineering College is a leader in modern technology. This interdisciplinary field combines Computer Science, Mathematics, and Statistics to create intelligent systems that learn from data. Our primary goal is to innovate algorithms, tools, and techniques that enable machines to perform tasks requiring human intelligence, such as language understanding, image recognition, and decision-making. By focusing on Machine Learning, Natural Language Processing, Deep Learning, and other advanced technologies, we develop intelligent systems that predict outcomes, analyze data, and automate processes. Our department offers students a comprehensive understanding of AI, machine learning, and data science, equipping them with skills to solve complex, real-world problems. We boast advanced lab facilities and strong industry-institute research collaborations. Our curriculum is designed to ensure that students are well-

prepared for successful careers in technology, business, and research, meeting the high demand for practitioners fluent in these critical areas. As AI and data science transform industries, our department is committed to producing professionals proficient in these fields and driving future innovations.

## ABOUT THE CONFERENCE

The National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAAiet 2025) aims to unite academic researchers and industry practitioners to explore the latest developments in Computer Science, Information Technology, and Computational Engineering. This conference serves as a premier international platform for the exchange of knowledge and findings related to the theory, methodology, and applications of diverse computational technologies and scientific fields. NCAAiet 2025 will offer attendees the opportunity to present recent findings and address emerging research challenges and directions. The conference is designed to facilitate the sharing of knowledge, ideas, innovations, and problem-solving strategies among participants, showcasing original research across various scientific domains, including new scientific approaches for technologies, computational processes, software, and hardware solutions. The conference will not only highlight advancements in AI but also explore the implications and applications of these technologies across various industries.

Join us at NCAAiet 2025 to immerse yourself in a dynamic community of visionaries and innovators, united in the pursuit of pushing the boundaries of Artificial Intelligence and pioneering the latest computational trends

## CALL FOR PAPERS: BUT NOT LIMITED

- Artificial Intelligence And Machine Learning
- Speech And Audio Processing
- Information System
- Numerical Algorithms
- Deep Learning
- Internet Of Things
- Auto Generative Models
- Parallel Processing Paradigm
- Bio Mimics
- Robotics
- Cybersecurity
- Blockchain
- Information Retrieval Techniques
- Data Mining And Warehousing
- Wearable Computing
- Computer Vision
- Soft Computing
- Educational Data Mining
- Ethics In Ai And Data Science
- Edge Computing
- Quantum Computing And AI

## GUIDELINES

### POSTER PRESENTATION

We invite authors to submit their original research posters for presentation at our conference. Kindly ensure that your poster is designed for a maximum of 2 members per team, and is formatted to effectively communicate your research findings. The poster should be visually appealing, with clear and concise content, including introduction, methodology, results, and conclusions. The topics for poster submissions are aligned with the themes listed in our 'Call for Paper'.

### PAPER FORMAT

Kindly ensure that your paper is formatted as per Template (not exceeding 6 pages) single-spaced double-column pages using 10-point size font on 8.5×11 inch pages (IEEE conference style), including authors' affiliations, figures, tables, and references along with Registration Fee in the form of Online Transfer Receipt should be attached in google form.

Email-id for paper submission : [ncaaiet2025@gmail.com](mailto:ncaaiet2025@gmail.com)

Registration Form :

**PAPER** : <https://tinyurl.com/ncaaietconference>

**POSTER** : <https://tinyurl.com/ncaaiet-poster>

### REGISTRATION FEE

Student	:	Rs. 500
Faculty & Research Scholar	:	Rs. 800
Delegate from Industry	:	Rs. 1000

### PUBLICATIONS

The accepted and presented papers of NCAAiet 2025 will be forwarded for possible inclusion in the UGC Care journal at extra cost.

The Organizing Secretary, NCAAiet'25

ACCOUNT NAME	:	SAI AIRO
ACCOUNT NO	:	500101013114834
IFSC CODE	:	CIUB0000634
BRANCH	:	POONTHANDALAM BANK
NAME	:	CITY UNION BANK

### IMPORTANT DATES

Abstract Submission	:	02.09.2025
Full Paper Submission	:	04.09.2025
Notification of Acceptance	:	06.09.2025
Camera Ready Submission	:	08.09.2025