

ADVISORY COMMITTEE

- Dr. A. Kumaravel, Professor, DeanIT, BIHER, Chennai
- 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, Sathyabhama University
- Dr. G. Rosline Nesa Kumari, Professor, BIHER, Chennai

ORGANISING COMMITTEE

- Mr.V Arun / Assistant Professor/AI-DS
- Mr.U Jayachandiran / Assistant Professor/AI-DS
- Ms.C Esther / Assistant Professor/AI-DS
- Ms.G Gomathy / Assistant Professor/AI-DS
- Mr.S Sivamurugan / Assistant Professor/AI-DS
- Mr.S Muthamilselvan / Assistant Professor/AI-DS
- Dr. P Kalaiselvi / Assistant Professor/AI-DS
- Ms.K P Aishwarya / Assistant Professor/AI-DS
- Ms.V Sangeetha / Assistant Professor/AI-DS
- Ms.C Cathrin Debora / Assistant Professor/AI-DS
- Ms.D Tamizhmalar / Assistant Professor/AI-DS
- Ms.A Raja Brundha / Assistant Professor/AI-DS
- Ms.S Preethi / Assistant Professor/AI-DS
- Ms.M Annal Priyanga / Assistant Professor /AI-DS
- Ms.Jeena A Thankachan / Assistant Professor / AI-DS
- Ms.K Varalakshmi / Assistant Professor /AI-DS
- Ms.D Madhivadhani / Assistant Professor /AI-DS



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-ordinator

Ms.V.Sangeetha
Assistant Professor/AI-DS/ SSEC

Organizing Secretary

NCAA IET'24
Department of Artificial Intelligence and Data Science,
Sri Sairam Engineering College
Sai Leo Nagar, West Tambaram, Chennai – 44

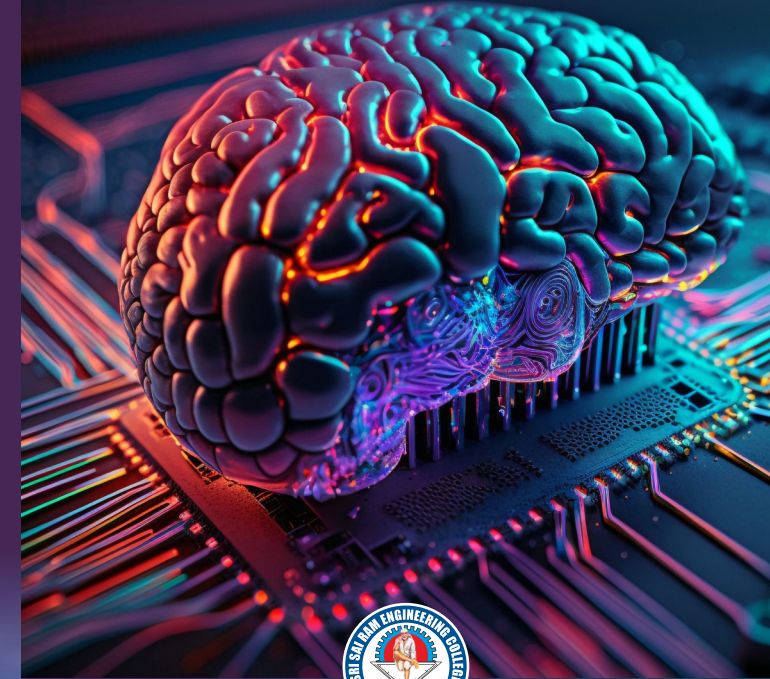
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Tel : +91 9840874234

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

In Association with



THIRD NATIONAL CONFERENCE ON ADVANCEMENT IN ARTIFICIAL INTELLIGENCE AND EMERGING TRENDS NCAA IET'24 12th September 2024



Sri SAIRAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC 'A+' | BIS/EOMS ISO 21001 : 2018 and BVQI 9001 : 2015 Certified and NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. 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 Saphthagiri 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

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 2024) 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 2024 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.

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 : ncaaiet2024@gmail.com
Registration Form :

PAPER : <https://forms.gle/kKHYnok1Xubps6Z47>

POSTER : <https://forms.gle/sZyXAw3HqfDcxtq7>

REGISTRATION FEE

Student	:	Rs. 300
Faculty & Research Scholar	:	Rs. 500
Delegate from Industry	:	Rs. 1000

PUBLICATIONS

The accepted and presented papers of NCAAIET 2024 will be forwarded for possible inclusion in the UGC Care journal at extra cost.

The Organizing Secretary, NCAAIET'24

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

IMPORTANT DATES

Abstract Submission	:	18th August 2024
Full Paper Submission	:	31st August 2024
Notification of Acceptance	:	22nd August 2024
Camera Ready Submission	:	12th September 2024