

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, Sathyabama University
- Dr. G. Rosline Nesa Kumari, Professor, BIHER, Chennai

ORGANISING COMMITTEE

- Mr. V. Arun, Assistant Professor/AI-DS
- Mr. Jayachandiran U, Assistant Professor/AI-DS
- Ms. C. Esther, Assistant Professor/AI-DS
- Mr. Sivamurugan S, Assistant Professor/AI-DS
- Ms. S. Muthamilselvan, Assistant Professor/AI-DS
- Mrs. P. Kalaiselvi, Assistant Professor/AI-DS
- Mrs. K.P. Aishwarya, Assistant Professor/AI-DS
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- Ms. S. Gomathi, Assistant Professor/AI-DS
- Ms. A. Famitha Banu, Assistant Professor/AI-DS
- Ms. C. Cathrin Deboral, Assistant Professor/AI-DS
- Mrs. D. Tamizhmalar, Assistant Professor/AI-DS
- Ms. A. Rajabrundha, Assistant Professor/AI-DS



PATRONS

Dr. Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions

Dr. K. Porkumaran
Principal, Sri Sairam Engineering College

CONVENOR

Dr. Swagata Sarkar,
Professor & HOD / AI&DS / SEC

Conference Co-ordinator

Ms. Gomathy G
Assistant Professor/AI-DS/ SEC

Organizing Secretary

NCAAIIET'23
Department of Artificial Intelligence and Data Science,
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Sai Leo Nagar, West Tambaram, Chennai – 44

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

In Association with



SECOND NATIONAL CONFERENCE ON ADVANCEMENT IN ARTIFICIAL INTELLIGENCE AND EMERGING TRENDS

NCAAIIET'23
21st November 2023



Sri SAIRAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 21001:2018 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



ABOUT THE INSTITUTION

Sri Sai Ram Engineering College, Chennai, established in the year 1995 by MJFLn.Leo Muthu, Chairman of Sapthagiri Educational Trust is a non-profitable and non-minority institution. A well-defined vision, highly committed mission and dedicated leadership facilitate Sri Sai Ram Engineering College to be in the best of educational institutions in the country. Since its inception, our Institution has grown into a vast conglomerate of magnificent buildings, state-of-the art and sophisticated laboratories, internet centers, modern library and a superlative sports complex. The College is an autonomous Institution affiliated to Anna University and also approved by the All India Council for Technical Education, New Delhi. Our Students are motivated to be technologically superior and ethically strong, who in turn shall contribute to the advancement of society and mankind, to build a better nation through quality education with team spirit.

Sri Sairam Institute of Management, also a unit of Sri Sairam Engineering College, was established in the year 1997 and it offers MBA programme. Our Chairman has not only stopped with his vision of providing Technical Education but has also ventured into the fields of medical sciences, by starting Medical Colleges for Indian Medicine namely Siddha, Ayurvedha & Homeopathy. He was also instrumental in starting "The Academy for Blind" and "Home for the aged" under the community service programmes of the Lions Club.

Today, Sri Sairam Engineering College has developed into a reputed Engineering Institution with ISO:21001:2018 certification, NBA Accreditation to all the disciplines of engineering, NAAC Accreditation with A+ grade and a remarkable position in the NIRF rankings consistently. For offering top quality technical education and moulding the younger generation to the society, our Chairman has spared no efforts to induct dedicated faculty and provide adequate infrastructure facilities.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

The Department of Artificial Intelligence and Data Science, one of the emerging areas out of 10 special categories identified by AICTE and MHRD which can meet the upcoming requirements of Industrial Revolution, joined the fleet of Sri Sai Ram Engineering College during the academic year 2020-2021. The success of future professionals in technology, business, and research careers depends heavily on mastering Artificial Intelligence, Data Science and emerging technologies of tomorrow.

Artificial intelligence (AI), Machine Learning Algorithms and Data Science are Transforming Systems, Experiences, Processes, and Entire Industries. It's no wonder that business leaders see these data-driven technologies as fundamental for the future—and that practitioners fluent in both fields are in

high demand. It can help students to understand the fundamentals of AI, machine learning and Data Science and how to apply them to solve complex, real-world problems. It includes advanced laboratory facilities, industry institute research collaborations. Impart knowledge by domain experts, value added courses, collaborative learning with universities in India and Abroad.

ABOUT THE CONFERENCE

The National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAAiet 2023) intends to bring together academic researchers and industry practitioners to discuss advanced developmental activities in Computer Science, Information Technology, and Computational Engineering. It will offer a fantastic international forum for exchanging information and findings on theory, methodology, and applications of a variety of computational technology and science areas. Researchers can present recent findings as well as brand-new research challenges and directions at the conference. The conference gives participants the chance to share their knowledge, concepts, innovations, and problem-solving strategies while presenting original research on all facets of new scientific approaches for technologies, computational processes, software and hardware solutions pertaining to particular scientific fields. The Conference comprises keynote talks from experts from renowned institutions, R & D corporations, and other reputable institutes in India and throughout the world, as well as parallel sessions.

THEMES OF CONFERENCE

- Artificial Intelligence And Machine Learning
- Speech And Audio Processing
- Information System
- Numerical Algorithms
- Internet Of Things
- Auto Generative Models
- Parallel Processing Paradigm
- Bio Mimics
- Robotics
- Internet & Web Applications
- Blockchain
- Information Retrieval Techniques
- Data Mining And Warehousing
- Wearable Computing
- Computer Vision
- Soft Computing

GUIDELINES

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 : ncaaiet2023@gmail.com

Registration Form : <https://forms.gle/2QZNHtqP9jrgbxHV6>

REGISTRATION FEE

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

The Organizing Secretary, NCAAIET'23

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ACCOUNT NO	:	500101013114834
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BRANCH	:	POONTHANDALAM
BANK NAME	:	CITY UNION BANK

IMPORTANT DATES

Full Paper Submission	:	10th November 2023
Notification of Acceptance	:	15th November 2023
Camera Ready Submission	:	18th November 2023