

## 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 ncaaiet2022@gmail.com.

## REGISTRATION FEE

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

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## IMPORTANT DATES

Full Paper Submission	:	7th October 2022
Notification of Acceptance	:	21st October 2022
Camera Ready Submission	:	27th October 2022

## CONTACT DETAILS

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<https://forms.gle/ZSpSLVc32StB7Cya9>

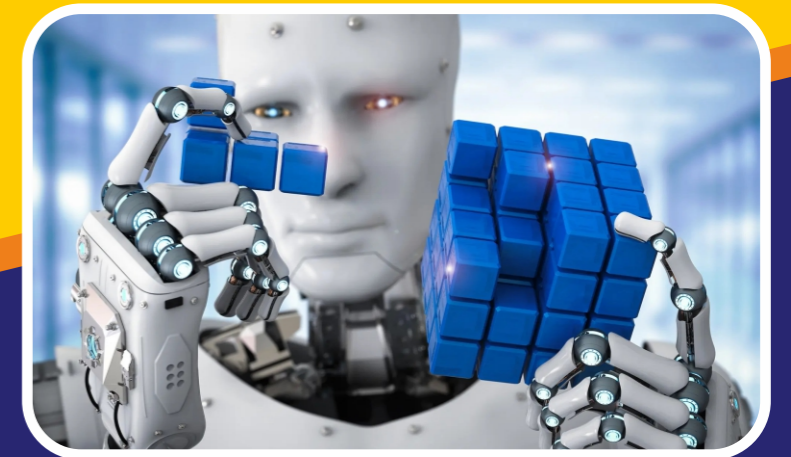


DEPARTMENT OF  
**ARTIFICIAL INTELLIGENCE &  
DATA SCIENCE**



# 1ST NATIONAL CONFERENCE ON ADVANCEMENT IN ARTIFICIAL INTELLIGENCE AND EMERGING TRENDS (NCAAIET'22)

03-11-2022 & 04-11-2022



**Sri SAIRAM ENGINEERING COLLEGE**

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi  
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution  
Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairam.edu.in](http://www.sairam.edu.in)

AND



**Sri SAIRAM POLYTECHNIC COLLEGE**

(An ISO 9001 : 2015 Certified Institution)  
West Tambaram, Chennai - 44. [www.sairampoly.edu.in](http://www.sairampoly.edu.in)



## ABOUT THE INSTITUTION

Sri Sai Ram Engineering College, Chennai, established in the year 1995 by MJF.Ln.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-each a landmark in itself across 300 acres. The College is an AUTONOMOUS Institution affiliated to Anna University and is 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 Sai Ram Engineering College is an ISO 9001:2015 certified institution. All the eligible disciplines of Engineering and Management have been accredited by the National Board of Accreditation. The Institution has also been accredited by the NAAC with 'A+' Grade for a period of 5 years. 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.

Sri Sairam Polytechnic College, an ISO 9001:2015 certified institution having inherited the motto to obtain prosperity through technology. Leo Muthu Educational Trust was established by the Philanthropist, Educationist and Industrialist MJF. Lion Leo Muthu to invariably illuminate the society. Being the destined follower of Sri Sairam, the discrimination of caste, creeds were alien to the institution. The institution achieved the ISO 9001:2015 certification and we are aiming for NBA accreditations. The Polytechnic is located at Sai Leo Nagar, Dharkast, West Tambaram, Chennai-44, in an aspiring greenish location which is easily accessible from any part of the city. The location of the college provides a suitable environment for teaching and learning.

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE - SRI SAI RAM ENGINEERING COLLEGE

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 DEPARTMENT OF DCE, ECE, EEE, MECHANICAL, CIVIL - SRI SAI RAM POLYTECHNIC COLLEGE

The Department of Civil Engineering joined the fleet of Sri Sairam polytechnic College during the academic year 2013 - 14. The department of Civil Engineering, since its establishment, has been in constant pursuit of excellence. Our endeavour has been to produce the best civil technocrats to serve the growing needs of the country in the field of civil.

The department of mechanical engineering joined the fleet of Sri Sairam polytechnic college during the academic year 1996-97, the department of mechanical engineering since its establishment has been in constant pursuit of excellence and consistency and stood first among the departments. Our Endeavour has been to produce the best mechanical teachers to serve the field of mechanical engineering. We strive to produce world class professionals who can compete with the industries best mind.

The Department of Electrical and Electronics Engineering joined the fleet of Sri Sairam Polytechnic College during the academic Year 1998 -99. More over every semester we are arranging industrial visits for students to 400KVA SUBSTATION, POWER GRID CORPORATION OF INDIA, NORTH CHENNAI POWER STATION, ATOMIC POWER PLANT KALPAKKAM.

The department of Electronics and communication engineering joined the fleet of Sairam Polytechnic College during the academic year 1996-97, The department of Electronics and communication Engineering since its establishment has been in constant pursuit of excellence and consistency.

The Department of Computer Engineering joined the fleet of Sri Sairam polytechnic College during the academic year 1998-99. The department of Computer Engineering, since its establishment, has been in constant pursuit of excellence. Our endeavour has been to produce the best computing technocrats to serve the growing needs of the country in the field of computing. Here we strive to produce world class professionals who can compete with the industry's best brains. On an average 90% of our students get placement on campus in leading companies like Mahindra Satyam, L&T InfoTech, Phoenix Service PVT LTD, Computer Science Corporation, BK Systems. etc.,

## ABOUT CONFERENCE

The National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAA IET 2022) 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

## CALL FOR PAPERS

- 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

