



**DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**

organizes

6 - DAY FDP ON

**EMPOWERING THE DIGITAL ERA THROUGH
ADVANCES IN ARTIFICIAL INTELLIGENCE,
DATA SCIENCE AND AUTOMATION**

28.11.2025 – 04.12.2025



Sri

SAIRAM
ENGINEERING COLLEGE

An Autonomous Institution

West Tambaram, Chennai - 44

www.sairam.edu.in

ABOUT THE INSTITUTION

Sri Sairam Engineering College, Chennai, was founded in 1995 under the vision of MJF. Ln. Leo Muthu, the esteemed Chairman of the Saphthagiri Educational Trust. As a non-minority, non-profit institution, the college has consistently upheld its strong vision, focused mission, and dedicated leadership—factors that have enabled it to emerge as one of the nation's leading engineering institutions. From its humble beginnings, the college has expanded remarkably, evolving into a comprehensive educational hub. The campus today features extensive infrastructure, including modern academic blocks, advanced laboratories, high-speed internet, a fully equipped digital library, an incubation centre, and an impressive sports complex. Spread across 300 acres, the institution's buildings and facilities are designed with architectural elegance and functional excellence, encompassing spacious hostels, auditoriums, gymnasiums, stadiums, and well-developed sports grounds. This institution is affiliated with Anna University and is approved by the All-India Council for Technical Education (AICTE), New Delhi, ensuring quality education that meets national academic standards.

ABOUT THE DEPARTMENT - CSE (AI&ML)

Artificial Intelligence (AI) and Machine Learning (ML) are rapidly evolving fields that have impacted society, science, medicine, and daily life. The increasing demand for AI and ML professionals encourages students to develop innovative solutions to real-world challenges. The curriculum develops expertise in machine learning, deep learning, natural language processing, and related technologies such as cloud computing and big data analytics. The Department emphasizes Outcome-Based Education (OBE) across the undergraduate program. Students gain strong technical, interpersonal, and problem-solving skills to succeed in professional environments. The Department's initiatives focus on producing industry-ready graduates by delivering effective knowledge and a comprehensive learning experience.

VISION

To emerge as a "Centre of Excellence" in the field of Artificial Intelligence and Machine Learning by providing the required skill sets, domain expertise and interactive industry interface for students and shape them to be socially conscious and responsible citizens.

MISSION

Computer Science and Engineering (Artificial Intelligence and Machine Learning), Sri Sai Ram Engineering College is committed to:

- M1: Nurture students with a sound understanding of fundamentals, theory and practice of Artificial Intelligence and Machine Learning.
- M2: Develop students with the required skill sets and enable them to take up assignments in the field of AI & ML
- M3: Facilitate Industry Academia interface to update the recent trends in AI & ML
- M4: Create an appropriate environment to bring out the latent talents, creativity and innovation among students to contribute to society.

ABOUT THE PROGRAMME

The Faculty Development Programme titled "Empowering the Digital Era Through Advances in Artificial Intelligence, Data Science, and Automation" is designed to provide educators, researchers, and industry professionals with comprehensive insights into the technologies shaping the modern digital landscape. As AI, Data Science, and Automation continue to revolutionize various sectors, the need for upskilled professionals who can understand, apply, and innovate using these technologies has become more essential than ever. This FDP focuses on enhancing participants' knowledge of cutting-edge advancements in Artificial Intelligence, intelligent data processing, and automated systems. The programme integrates theoretical foundations with practical demonstrations, enabling participants to explore real-world applications across various domains such as healthcare, education, finance, manufacturing, and smart systems. Through expert sessions, hands-on activities, and interactive discussions, the FDP equips participants with the technical skills and analytical mindset required to adopt emerging digital technologies in their teaching, research, and professional environments. On the final day of the programme, an industrial visit has been planned to provide participants with practical exposure to real-time applications of the technologies discussed, ensuring they are better prepared to contribute to the digital transformation era with enhanced competency, innovation, and industry relevance.

Honourable Speakers

28.11.2025



Mr. Amalraj Nagaraj
AI Data Scientist,
House of Shipping

Topic : Empowering the Digital Era:
Exploring AI, Data Science, and
NLP through Practice

29.11.2025



Mr. Elengaswaran C. Ehambaranathan
Corporate Trainer,
CAD, Malaysia

Topic : Data Analysis and Workflow
Automation using Power BI &
Power Automate

01.12.2025



Mr. Boopathy Murugesan
Data Scientist,
HCL

Topic : Overview of Model
Context Protocol (MCP)
& Live Implementation

02.12.2025



Mr. Vinodh Kumar
Principal Data Architect,
JMAN Group & Microsoft MVP

Topic : Data Engineering:
Overview & beyond

03.12.2025



Ms. Parvathavarthini Raman
Machine Learning Engineer,
PayPal

Topic : A Deep dive into
Reinforcement Learning

04.12.2025

Industrial Visit

Registration Details:

- Last date for Registration: **27.11.2025**
- No Registration fee
- 80% attendance is mandatory.
- Participants scoring at least 60% in the assessment will receive an E-Certificate.

Eligibility:

Faculty members and research scholars from AICTE-approved institutions are eligible to apply. Selection is on a first-come, first-served basis. Selected participants will be notified by email and must confirm their attendance.

Address for Communication

Department of Computer Science and Engineering (AI&ML)
Sri Sairam Engineering College,
West Tambaram, Chennai - 44
Phone No: **+91-9940239174,8838478102**;
Email: geetha.am@sairam.edu.in,
alagammal.am@sairam.edu.in.

Registration Link

<https://forms.gle/iSXs1NPFUzGMRqcX9>



WhatsApp Link

<https://chat.whatsapp.com/CSOj6tO6kT625gfpLKujVO?mode=hqrt2>



Co-ordinators: Ms. R. Geetha , AP/CSE(AI&ML) | Ms. S. Alagammal, AP/CSE(AI&ML)

Dr. E. Priya
HOD/CSE(AI&ML)

Dr. J. Raja
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO





Campus: Sai Leo Nagar, West Tambaram,
Chennai - 600 044.
www.sairam.edu.in

Administrative Office: "Sai Bhavan",
31B, Madley Road, T.Nagar,
Chennai - 17. Ph: 044-4226 7777.
www.sairamgroup.in



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