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

SEC202412DAM14

MJF. LN. LEO MUTHU
Founder Chairman - Sairam Institutions

Sairam
INSTITUTIONS

SIX DAYS FACULTY DEVELOPMENT PROGRAMME ON

EMERGING TRENDS IN ARTIFICIAL INTELLIGENCE (AI)

INNOVATION AND APPLICATIONS

16.12.2024 to 21.12.2024

Sairam RAISE

Sairam EOMS

Sairam SDG ACTION PROGRAM

ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS
EXCELLENT BAND

nirf
RANKING INSTITUTIONS

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SRI SAI RAM ENGINEERING COLLEGE
TRUTH LOVE PEACE
CHENNAI

Sri
SAIRAM
ENGINEERING COLLEGE
An Autonomous Institution
West Tambaram, Chennai - 44
www.sairam.edu.in

NBA
NATIONAL BOARD of Accreditation

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
A+

nirf
NATIONAL INSTITUTIONAL RANKING FRAMEWORK

DIAMOND
QS I-GAUGE

ABOUT THE INSTITUTION

Sri Sairam Engineering College, Chennai, established in the year 1995 by MJF.Ln.Leo Muthu, Chairman of Sapthagiri Educational Trust, is a non-profitable and a non-minority institution. A well-defined vision, highly committed mission and a dedicated leadership facilitate Sri Sairam Engineering College to be in the best of educational institutions in the country. Since its inception, the institution has grown into a vast conglomerate of magnificent buildings, state-of-the art laboratories, sophisticated internet centres, modern digital library block and a superlative sports complex, each a land mark in itself across 300 acres. The institution is situated in a sprawling campus with architecturally and aesthetically designed buildings, blocks, stadiums, auditoriums, hostels, gymnasium and the sports grounds. The institution is affiliated to Anna University and approved by the All India Council for Technical Education (AICTE), New Delhi

ABOUT THE DEPARTMENT

Artificial Intelligence (AI) and Machine Learning (ML) is an emerging field and fast growing discipline. Its recent advances have increased the impact on many areas of society, science, medicine, and in everyday life. The demand for undergraduates in AI and ML transform them to create innovative strategies and solution to real-world problems. The curriculum targets knowledge and competencies to master in machine learning, deep learning, natural language processing, and technologies for machine learning with cloud computing, big data analytics. The Department emphasizes in implementing Outcome Based Education (OBE) throughout the tenure of under graduation. The students are moulded in such a way that they face the external world with prompt technical, interpersonal and problem-solving skills. The Department initiatives will definitely prepare Industry ready students with holistic personality in terms of knowledge dissemination and bring out students with an enriched experience.

VISION

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

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 the society.

ABOUT THE FDP

Artificial Intelligence (AI) is a rapidly evolving field that mimics human intelligence to perform tasks such as learning, problem-solving, and decision-making. With its transformative impact, AI is shaping diverse sectors such as healthcare, agriculture, finance, education, and entertainment. Recent advancements in AI technologies have unlocked unprecedented opportunities, enabling innovative solutions to complex challenges. This FDP aims to provide participants with an in-depth understanding of cutting-edge AI research and practical implementations. The program focuses on exploring AI's applications across multiple domains, highlighting its potential to drive innovation and efficiency. By fostering technical skills and offering real-world insights, this FDP prepares participants to integrate AI into their research and professional endeavours, equipping them for future advancements in this rapidly evolving field.

HONOURABLE SPEAKERS

16.12.2024 (FN)
Dr. MAHESH M
Assistant Professor
VIT-AP University
ML in next gen Wi-Fi networks

16.12.2024 (AN)
Dr. A. BALASUNDARAM
Associate Professor & Deputy Director,
Research Centre for Cyber Physical Systems
Vellore Institute of Technology Chennai
Harvesting the Benefits of AI in Agriculture -
Revolutionizing Modern Farming

17.12.2024 (FN)
Dr. KUMARI NIDHI LAL
Assistant Professor
VNIT NAGPUR
Real time applications of SVM and
Naive Bayes machine learning algorithms

17.12.2024 (AN)
Dr. SANTOSH KUMAR SATAPATHY
Assistant Professor
Pandit Deendayal Energy University
Sleep Analysis using Signal Processing and
Machine Learning

18.12.2024 (FN)
Dr. AMUTHA S
Senior Assistant Professor
Vellore Institute of Technology, Chennai
Graph Convolutional Network for NLP

18.12.2024 (AN)
Dr. PANDIYARASAN VELUSWAMY
Assitant Professor Grade I
IIITDM Kancheepuram
Smart Wearables and AI : Innovations Driving
the Future of Personalized Technology

19.12.2024 (FN)
Dr. JOE DHANITH P R
Assistant Professor
Vellore Institute of Technology, Chennai
Hugging Face Transformers

19.12.2024 (AN)
Dr. NARENDRA KHATRI
Assistant Professor
Manipal Institute of Technology, Manipal
Application of AI in Precision Agriculture

20.12.2024 (FN)
Dr. DEBAJYOTI BISWAS
Assistant Professor
Shiv Nadar University, Chennai
Quantum Computing : A new paradigm in
Machine Learning

20.12.2024 (AN)
Dr. RAMYA HR
Assistant Professor
MS Ramaiah Institute of Technology,
Bengaluru
Fuzzy Logic in AI

21.12.2024 (FN)
Dr. BADARLA SRI PAVAN
Associate Professor
Nitte Meenakshi Institute of Technology
Artificial Intelligence in 5G Technology

21.12.2024 (AN)
Dr. V. SOWMYA
Associate Professor
Amrita Vishwa Vidyapeetham
Explainable AI Models for Computer Vision

REGISTRATION DETAILS

Last date of Registration : 14.12.2024

- No Registration fee
- 80% Attendance is mandatory
- Participants scoring at least 60% in the assessment will receive an E-Certificate

ELIGIBILITY TO PARTICIPATE

Faculty members and research scholars from AICTE-approved institutions are eligible to apply. Participants will be selected on a "first-come, first-served" basis. Confirmation of selection will be communicated via email, and selected participants must confirm their attendance.