DEPARTMENT OF
ARTIFICIAL INTELLIGENCE & DATA SCIENCE

TEAMING TOGETHER
NITTTR CHANDIGARH

in association with
NITTTR Chandigarh

5 Days FDP on

SCILAB PROGRAMME

FOR ENGINEERING APPLICATION

08.05.2023-12.05.2023

SRI SAIRAM ENGINEERING COLLEGE
TRUTH LOVE PEACE
CHENNAI

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

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ARIIA ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS EXCELLENT BAND | nirf RANKING INSTITUTIONS | INSTITUTION'S INNOVATION COUNCIL | SUSTAINABLE DEVELOPMENT GOALS

ABOUT THE INSTITUTION

Sri Sairam Engineering College, Chennai was established in the year 1995 by Philanthropist, Educationist and Industrialist, MJF.Ln.LeoMuthu, Chairman of Sapthagiri Educational Trust, a non profitable, and non-minority institution. The college is situated among sylvan surroundings in an area of more than 100 acres at Sai Leo Nagar, near the Kishkinta amusement park. The college offers eleven B.E. / B.Tech., Undergraduate Degree programmes and six Post Graduate Degree programmes. The College is ISO 9001:2015 certified, NBA, NIRF ranked and NAAC accredited, an Autonomous Institution affiliated to Anna University and approved by All India Council for Technical Institution. The Institution has well established infrastructure facilities, well equipped laboratory, Fully Air-conditioned College Library, and state of the art Indoor stadium with seating capacity of more than 5000 people. A well-defined vision, highly committed mission and dedicated leadership facilitate Sri Sairam Engineering College to be one of the best educational institutions in the country.

ABOUT THE DEPARTMENT

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.

VISION

To emerge as a “Centre of Excellence in the field of Artificial Intelligence and Data Science”, The Department is committed to inculcate discipline, offering best Technical Education and Research Opportunities and ethically strong to meet the global challenges, who in turn shall contribute to the advancement and welfare of the society.

MISSION

- To produce students with a sound understanding of the fundamentals of the theory and practise of Artificial Intelligence, Machine Learning and Data Science.
- To enable students to become leaders in the Industry and Academia Nationally as well as Internationally
- To meet the pressing demands of the nation in the areas of Artificial Intelligence and Data Science.

ABOUT THE PROGRAMME

Scilab is a high-level, numerically oriented programming language. The language provides an interpreted programming environment, with matrices as the main data type. By using matrix-based computation, dynamic typing and automatic memory management many numerical problems may be expressed in a reduced number of code lines as compared to similar solutions using traditional languages such as Fortran, C or C++. This allows users to rapidly construct models for a range of mathematical problems. While the language provides simple matrix operations such as multiplication, the Scilab package also provides a library of high-level operations such as correlation and complex multidimensional arithmetic. Scilab also includes a free package called Xcos for modelling and simulation of explicit and implicit dynamical systems, including both continuous and discrete sub-systems. Xcos is the open source equivalent of Simulink from the MathWorks. As the syntax of Scilab is similar to MATLAB, Scilab includes a source code translator for assisting the conversion of code from MATLAB to Scilab. Scilab is available for free of cost under an open sourve license. Due to the open source nature of the software, some user contributions have been integrated into the main program.

REGISTRATION DETAILS

- Go to **https://fdp.nitttrchd.ac.in/backingup/**
- Register as **participant**
- Then go to deptt **"Information Management and Emerging Engineering"**
- Click on **ICT-24 (Scilab Programme for Engineering Application)**
- **Register yourself**

In registered remote centre, please select Sri Sairam Engineering College, Deptt. of AI and DS, Chennai

COURSE FEE - PER WEEK

- **Faculty/Lecturer/Instructor/ Technical Staff** : Rs. 118/-
- **M.Tech/Ph.D Scholar** : Rs. 590/-
- **Other** : Rs. 5900/-

ORGANISING COMMITTEE

Chief Patron

Dr. Sai Prakash LeoMuthu
Chairman & CEO

Patron

Dr. K. Porkumaran
Principal

Convenor

Dr. Swagata Sarkar
HOD/AI&DS

Co-ordinator

Mr. V. Arun
98404 74611

Dr. Swagata Sarkar
Remote Centre Co-ordinator
Sri Sairam Engineering College

Dr. Maitreyee Dutta
Dean Academics and R&D
Course Co-ordinator
NITTTR, Chandigarh

To Join the WhatsApp Group:

https://tinyurl.com/sairam-aids-fdp

Sri SAIRAM ENGINEERING COLLEGE
An Autonomous Institution
Affiliated to Anna University & Approved by AICTE, New Delhi

*Accredited by **NBA** and **NAAC** "**A+**"*
***ISO** 9001:2015 Certified and MHRD **NIRF** ranked institution*

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.

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Sairam RAISE — *Inspiring* PEOPLE

Sairam EOMS — *Improving* PROCESS

Sairam SDG ACTION PROGRAM — *Instilling* PURPOSE

We build a better nation through quality education.