RESOURCE PERSON

The sessions will be handled by eminent persons from reputed Institutions/Industries.

ELIGIBILITY AND SELECTION

Faculty members from Engineering Colleges affiliated to Anna University can apply. Selection is on a "first come first serve" basis. Selection will be intimated through mail and selected participants are expected to confirm their participation.

REGISTRATION:

- No. of seats is restricted to 60 only.
- No Registration Fee and No TA/DA will be paid.
- Registration through online mode via the given link **https://forms.gle/u4ahnhnCJPZtTc2L7**
- Selection on first come first served basis.
- Priority will be given to Assistant Professor and Associate Professor.
- Selected candidates will be intimated by e-mail only.
- Send the duly filled in registration form on or before **31.05.2021.**
- Selected Participants should attend program for the entire duration through online

IMPORTANT DATES:

Submission of Application	:	**31.05.2021**
Intimation of Selection	:	**01.06.2021**
Confirmation by Participants	:	**02.06.2021**

For details, Please contact

Co- Ordinators
FDTP ON MACHINE LEARNING TECHNIQUES
Dept. of Electronics & Communication Engineering
Sri Sairam Engineering College, Sai Leo Nagar,
West Tambaram Chennai – 600 044.
E-Mail: arrajini.ece@sairam.edu.in /
subhashini.ece@sairam.edu.in
Mobile : **9884056066 / 9566076421**

---

www.sairamgroup.in

ORGANISING COMMITTEE

CHIEF PATRON
Vice-Chancellor, Anna University, Chennai

PATRON
Dr. Ranee Vedamuthu
Registrar, Anna University

CHAIR
Dr. D. Sridharan,
Director, CFD , Anna University

Dr. V. Adaikkalam,
Addl Director, CFD, Anna University

CO-CHAIR
Shri. Sai Prakash LeoMuthu
Chairman & CEO, Sairam Institutions

Dr. A. Rajendra Prasad, Principal
Sri Sairam Engineering College, Chennai

Dr. J. Raja, Dean(Academics),
Professor & Head, Department of ECE
Sri Sairam Engineering College, Chennai

CO-ORDINATORS
Ms. A. R. Rajini & Ms. K. Subhashini

ONLINE - SIX DAY FDTP ON
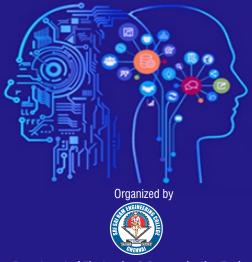# MACHINE LEARNING TECHNIQUES (CS8082)

07.06.2021 - 12.06.2021

Sponsored by

Centre for Faculty Development
ANNA UNIVERSITY, Chennai-25

CO-ORDINATORS :
Ms. A. R. Rajini & Ms. K. Subhashini

Organized by

Department of Electronics & Communication Engineering
Sri
SAI RAM ENGINEERING COLLEGE
An Autonomous Institution
Sai Leo Nagar, **West Tambaram**, Chennai - 44
www.sairam.edu.in

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 non-minority institution. A well defined vision to provide world-class engineering education and a highly committed mission to achieve, sustain and foster unmatched excellence in technical education with dedicated leadership facilitate Sri Sairam Engineering College to be in the best 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 humankind to build a better nation through quality education with team spirit. Sri Sairam Engineering College is an ISO 9001: 2015 Certified institution and all the NBA 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 DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 1995. The department is accredited by the National Board of Accreditation. Well experienced and dynamic faculty imparts knowledge and skills to inculcate the professional responsibilities to play leadership roles along their diverse career paths and develop capability to utilize innovative and creative engineering skills in industry. The dedication of our faculty and the keen interest exhibited by our students has produced a commendable academic record with university ranks every year. The department inculcates R & D acumen among the faculty and students. They are encouraged to implement their innovative ideas for the benefit of the society.

The department received over Rs. 1 crore funding from organizations such as AICTE, DST, CSIR IGCAR and DRDO for research projects and to organize technical events.

THE FDTP

Machine Learning is one of the future technologies and its market is expected to grow at the rate of 44% in a period of 3-5 years. Machine Learning has evolved from Science fiction to reality in a short span. Machine learning is not always as big as we think. Even small inventions that we utilize on a daily basis have machine learning ingrained in its core. It is the core of multiple new innovations made by smartphone companies, tech giants, and software makers. ML, a subset of AI, enabled with trained algorithms and neural network models, will autonomously learn from data and continuously improve performance and decision making accurately for specific tasks.

In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search, and a vastly improved understanding of the human genome. It is a pervasive technology that has entered into our life knowingly or unknowingly. Many researchers also think it is the best way to make progress towards human-level AI.

The course will be useful for students, faculty of engineering and sciences and industry people who are interested in learning Machine Learning Techniques. This will aid the faculty members and research scholars from various institutions for their academic and research purpose

TAKE AWAY

- Understand and describe learning paradigms ,algorithms and applications of machine learning techniques.
- Apply symbolic and logical representation over the hypothesis and analyze the need for inductive bias technique.
- Evaluate neural network and Genetic algorithm models.
- Classify the data using supervised and unsupervised learning method.
- Analyze case studies by applying advanced machine learning algorithm.

ONLINE - SIX DAY FDTP ON
MACHINE LEARNING TECHNIQUES (CS8082)
07.06.2021 - 12.06.2021

REGISTRATION FORM

Name :

Gender : Male / Female

Qualification :

Department :

Name of the Institution :

Institute affiliated to

Anna University : Yes/ No

Institution Address :

Mobile number :

E-mail ID :

Address for
Communication :

The above information provided by me is true to the best of my knowledge. I will attend the FDTP for the entire duration.

Place :

Date :   Signature of the Applicant