

## WHAT YOU WILL LEARN?

This training programme will provide a comprehensive introduction to various topics such as supervised, unsupervised learning and re-inforcement learning and their applications in process system engineering such as design and development of soft-sensors, sensor and actuator fault detection & diagnosis schemes and in building data driven models for multi-step ahead prediction.

## WHO SHOULD ATTEND?

PG students, Research scholars, Faculty members and Scientists

## INTAKE

About 30 participants by registration only. Application in the prescribed format duly recommended / sponsored by the Head of the Dept./Division/Institution/Organization should reach the coordinator on or before **29/02/2020**.

## REGISTRATION FEE: **NIL**

## RESOURCE PERSONS

Experts from IIT(M), and Anna University will deliver the lectures to enrich the research ideas in the field of Data Analytics and Machine Learning

## ACCOMMODATION

The participants will be provided with hostel accommodation, depending on availability, on payment basis.

## ORGANIZING INSTITUTION

Madras Institute of Technology Campus, Anna University Chennai is the pioneer in the country to start UG Programme in Instrumentation Engineering. The campus is situated in Chromepet, 22 km south of Chennai Central.

## ABOUT THE DEPARTMENT

The UG Programme offered by the Department of Instrumentation Engineering has been granted Full accreditation by NBA. The Department has qualified faculty members, well-equipped laboratories such as Industrial Instrumentation Lab, Process Control Lab, Industrial Automation Lab etc. Major Skid Mounted pilot plants (Lab scale) such as Distillation Column, Bio-reactor, Four-tank system, pH Control System are available in the Process Control Lab. Industrial Type DCS & PLC, and latest software packages are also available.

## IMPORTANT DATES

Last date of the receipt of application : **29/02/2020**

Intimation about selection via email only. : **02/03/2020**

Confirmation from the participants : **04/03/2020**

## TWO-DAY RESEARCH ORIENTED FACULTY DEVELOPMENT TRAINING PROGRAMME (**UGC-XII Plan**)

ON

## APPLIED MACHINE LEARNING

(**09/03/2020 & 10/03/2020**)

**CALLING THE ATTENTION OF  
CURRENT AND FUTURE  
INSTRUMENTATION & CONTROL  
PROFESSIONALS**

*Co-ordinator*

**Prof. J. PRAKASH**



**Sponsored by  
CENTRE FOR FACULTY  
DEVELOPMENT,  
ANNA UNIVERSITY**

*Organized by*  
**DEPARTMENT OF INSTRUMENTATION  
ENGINEERING  
MADRAS INSTITUTE OF TECHNOLOGY  
CAMPUS, ANNA UNIVERSITY  
CHROMEPET, CHENNAI – 44.**

## CERTIFICATE FROM THE HEAD OF THE INSTITUTION

Dr./Mr./Ms. \_\_\_\_\_  
will be permitted to attend the Two-day  
Research Oriented Faculty Development  
Training Programme on “Applied Machine  
Learning”, if selected.

Signature of Head of the Institution / Sponsoring  
authority

Office Seal:

## ORGANIZING COMMITTEE CHIEF PATRON

Prof. M. K. Surappa  
Vice-Chancellor, Anna University

## PATRON

Prof. L. Karunamoorthy  
Registrar, Anna University

&

Prof. T. Thyagarajan  
Dean, MIT Campus, Anna University

## CHAIR

Prof. D. Sridharan Director, CFD  
&

Prof. I. Arul Aram Addl. Director, CFD

## CO-CHAIR

Prof. S. Srinivasan, Prof & HOD(i/c), IE

## CO-ORDINATOR

Prof. J. Prakash, Prof. IE, MIT

## RESEARCH FACILITIES AT MIT FIELDBUS LAB



## DISTILLATION COLUMN



## VENUE

**Prof. KVN Seminar Hall,**  
Department of Instrumentation  
Engineering, MIT Campus, Anna  
University, Chromepet, Chennai-44.

## ADDRESS FOR COMMUNICATION

**Prof. J. Prakash**  
Department of Instrumentation  
Engineering,  
MIT Campus, Anna University Chennai,  
Chromepet, Chennai – 600 044.  
Mobile: 94448 60188  
E-mail : prakaiit@gmail.com

## TWO-DAY RESEARCH ORIENTED FACULTY DEVELOPMENT TRAINING PROGRAMME (UGC-XII Plan) ON APPLIED MACHINE LEARNING (09/03/2020 & 10/03/2020)

### REGISTRATION FORM

1. Name (in Block letters) :
2. Designation :
3. Age & Sex :
4. Community :
5. Department :
6. Institution / Organization :
7. Mobile Number :
8. E-mail Address :
9. Participant Category (Please tick)

Academic/ R&D/Student

I hereby declare that all the details furnished by  
me are true to the best of my knowledge.

**Signature of the Applicant**