

## ABOUT THE INSTITUTE

Madras Institute of Technology is one of the premier technical institutions started in the year 1949 by Shri. C. Rajam, an eminent industrialist. The institute is established as a result of a bold experiment in technical education as it introduced for the first time, totally unconventional Engineering courses such as Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrumentation Engineering. It was merged with Anna University in the year 1978.

## ABOUT THE DEPARTMENT

The Department of Electronics Engineering established in the year 1949, has its core strength in the leading areas of Electronics & Communication technology. The academic programmes offered in the Department are B.E (Electronics and Communication Engineering), M.E (Communication and Networking, VLSI Design and Embedded Systems & Wireless Technologies). The cutting edge research areas include Image Processing & Pattern Recognition, Communication Technologies, Network Security, Sensor Networks, Optical Communication, Signal Processing, Embedded Systems and VLSI. The Department has collaborative partners from academia and industry both within India and worldwide.

## LOCATION

Madras Institute of Technology is located in Chrompet, Chennai, Tamil Nadu, India and the campus is adjacent to Chrompet railway station.

## ABOUT THE STTP

The STTP is intended to provide opportunity for faculty members from Engineering Colleges affiliated to Anna University and Industry persons to enrich their knowledge in the area of Embedded control and robotics.

## COURSE COVERAGE

The following topics will be covered,

- Introduction to Embedded Controllers, Embedded SOC, Multi-core Architectures and VLSI architectures
- Parallel computation in Robotic Control
- RF ID technology and its Applications
- Biped Robotics
- Underwater Robotics
- Surgical & Medical Robotics
- Control for Industrial Robots
- Control system for Soft Robots
- Connecting AI with Embedded Systems

## ABOUT REGISTRATION

- No Registration Fee
- Number of seats is restricted to 100
- Selection will be based on first come first serve basis
- Faculty members affiliated to Anna University and industry persons are eligible to attend this programme
- Preference will be given to Assistant professor and Associate professor
- Selected candidates will be intimated by e-mail only
- Confirmation of participation is to be made by email

Send the duly filled in Registration forms to the Coordinator(s) by post.

## SIX DAYS ONLINE AICTE – AU SHORT TERM TRAINING PROGRAMME

on

## EMBEDDED CONTROL FOR ROBOTIC APPLICATIONS (ECRA2022)

19<sup>th</sup> – 25<sup>th</sup> January 2022

## REGISTRATION FORM

*Coordinators*

**Dr. V. Sathiesh Kumar, Assistant Professor**  
**Dr. K.Mariammal, Assistant Professor**



Sponsored by  
**AICTE, NEW DELHI**  
&

Organized by  
**Centre for Faculty Development,  
ANNA UNIVERSITY  
Chennai**

Conducted by  
**Department of Electronics Engineering  
Madras Institute of Technology Campus,  
Anna University,  
Chrompet, Chennai – 600 044.**

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EMBEDDED CONTROL FOR  
ROBOTIC APPLICATIONS  
(ECRA2022)  
19<sup>th</sup> – 25<sup>th</sup> January 2022**

1. Name :  
(in capital)
2. Designation :
3. Qualification :
4. Age & D.O.B:
5. Professional experience(in years)  
Teaching :  
Industrial :
6. College/Industry Name:
- 7.Address of the College/Industry :
8. Research interest :
9. Phone (Office) :  
(Mobile) :
10. E-mail :

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

Signature of the Applicant

**CERTIFICATE FROM  
HEAD OF THE INSTITUTION**

Dr./Mr./Mrs. \_\_\_\_\_ is a  
faculty member of our institution. He/She will  
be permitted to attend the programme if  
selected.

Signature of the Head of  
Institution/Organization with seal

**For further details, contact:**

The Coordinator  
STTP on Embedded Control for Robotic  
Applications (ECRA2022)  
Dept. of Electronics Engineering,  
MIT Campus, Anna University  
Chrompet, Chennai – 600 044  
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Cell:9444721638/ 7358064510  
E-mail: sathieesh@gmail.com  
mariammalmugan@gmail.com

**ORGANIZING COMMITTEE**

**CHIEF PATRON:**

**Dr.R.Velraj  
Vice-Chancellor  
Anna University  
Chennai**

**PATRON:**

**Dr.G.Ravikumar  
Registrar i/c  
Anna University  
Chennai**

**Col. B. Venkat  
Director (FDC)  
AICTE, New Delhi**

**Dr.T.Thyagarajan  
Dean, MIT Campus  
Anna University**

**CHAIR:**

**Dr.P.Vanaja Ranjan  
Director, CFD**

**Dr.V.Adaikkalam  
Addl.Director, CFD**

**CO-CHAIR:**

**Dr.M.Ganesh Madhan  
HoD, Electronics Engg.**

**CO-ORDINATORS:**

**Dr. V. Sathiesh Kumar  
Dr.K.Mariamammal**

**Online Learning**

**Platform: Microsoft Teams**

**IMPORTANT DATES:**

Submission of Application: 08.01.2022  
Intimation of Selection: 10.01.2022  
Confirmation by Participants: 12.01.2022