ABOUT THE REGISTRATION
Selection on first come first serve basis and also based on the profile of participant.
Selected candidates will be intimated through e-mail only.
Confirmation of participation is expected through e-mail.
No Registration Fee.
No TA/DA will be paid.
No Accommodation will be provided.

TARGETED PARTICIPANTS
Faculty members, Research Scholars, UG and PG Students from Engineering Colleges.
The number of the Participants is restricted to 30.

IMPORTANT DATES
Receipt of Registration Form: 14.11.2023
Intimation of the Selection: 15.11.2023

ORGANIZING COMMITTEE
CHIEF PATRON
Dr. R. VELRAJ
Vice-Chancellor
Anna University

PATRON
Dr. J. PRAKASH
Registrar, Anna University and Dean - MIT Campus

CHAIRMAN
Dr. P. INDUMATHI
Professor & Head, MIT Campus, Anna University

Send the duly filed in Registration form to the Coordinator through e-mail or post.

The Coordinator,
Dr. V. Sathiesh Kumar,
Workshop on "Hands-on Training in Development of IoT System using Raspberry Pi (DISR’23)"
Dept. of Electronics Engineering, MIT Campus, Anna University, Chennai-44.

Phone: 9444721638
Email: elexmitworkshop@gmail.com
Please mention in the E-mail subject as "ELEXMIT DISR’23 - Workshop"

CRAFTRONICS

Two Days Hands-on Training in Development of IoT System using Raspberry Pi (DISR’23)
17th & 18th NOV 2023

Coordinators
Dr. V. Sathiesh Kumar
Mr. K. Veerappan

Organized by,
Dept. of Electronics Engineering, MIT Campus, Anna University, Chennai-44.

In Association with Craftronics India Private Limited, Hyderabad.
ABOUT THE INSTITUTE

Madras Institute of Technology is one of the premier technical institution started in the year 1949 by Shri. C. Rajam, an eminent industrialist. The institute was the 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 WORKSHOP

As a part of 75th year celebrations of MIT, the workshop is organized and planned with an objective of providing a platform for enhancing knowledge through Hands-on training in Development of IoT system using Raspberry Pi Board. The hardware training will enhance the soft skills of the participants.

Following topics will be delivered in the workshop by renowned expert of Crafrtronics:

**Introduction : Python & Embedded C Programing**

**Hands-On :**
1. Open source hardware (RPi & ESP)
2. LED and Switch Interfacing
3. Digital Sensor Interfacing Applications
4. Actuator Interfacing
5. Analog Sensor Interfacing & Applications

**DIY Session :** Application Development using Analog & Digital sensors

**Introduction: Bylnk Cloud or Thingspeak (Standard Cloud)**

**Hands-On :**
1. Ultrasonic Sensor Interfacing and Data push to cloud
2. Analog Sensor and Actuator Interfacing

**DIY Session :** Application Development using Analog & Digital sensors

ABOUT THE DEPARTMENT

The Department of Electronics Engineering was established in the year 1949, has its core strength in the leading areas of Electronics and Communication Technology. The academic programmes offered in the Department are B.E (Electronics and Communication Engineering), M.E (Communication and Networking, VLSI Design & Embedded Systems and Wireless Technologies). The cutting edge research areas include Communication Technologies, Networks, Security, Sensor Networks, Signal Processing, AI, IoT, Embedded Systems and VLSI. The department has collaborative partners from academia and industry.

LOCATION

Madras Institute of Technology is located in Chrompet, Chennai, close to Chrompet Bus Stand and Railway Station.

Two Days Hands-on Training in "Development of IoT System using Raspberry Pi (DISR'23)"

17th & 18th Nov 2023

Registration Form

Name (in Capitals):

Designation/Department:

Institution:

Qualification:

Experience:

Area of Interest:

Contact No:

Email:

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

Signature of the Participant

Signature of HOD/Principal with seal