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
Confirmation of participation is expected through e-mail
No TA/DA will be paid
No Registration Fee
No accommodation will be provided
Lunch will not be provided

TARGETED PARTICIPANTS
Faculty members and research scholars from Engineering Colleges
The number of participants is restricted to 30

IMPORTANT DATES
Last date for the receipt of Registration forms: 24.02.2016
Intimation of selection will be sent only through email on: 26.02.2016

ORGANIZING COMMITTEE

CHIEF PATRON:
Dr. M. Rajaram
Vice-Chancellor, Anna University

PATRON:
Dr. S. Ganesan
Registrar, Anna University

CHAIRMAN:
Dr. A. Rajadurai
Dean, MIT Campus, Anna University

Send the duly filed in Registration forms to the Co-ordinator through e-mail/post.

The Co-ordinator
Workshop on "Hands-on training in Embedded C Programming of PIC microcontrollers"
Department of Electronics Engineering, MIT Campus, Anna University, Chennai-44.
Phone: 044-22516349/6238/6239
Email: elexmitworkshop@gmail.com
Please mention in the E-mail subject as "ELEXMIT Embedded Workshop"

Two Days Workshop on
HANDS-ON TRAINING IN EMBEDDED C PROGRAMMING OF PIC MICROCONTROLLERS

1st & 2nd March 2016

Co-ordinators,
Dr. M. Kannan
Dr. V. Sathiesh Kumar
Mr. G. Balamurugan

Sponsored By,
UGC-DRS-II(SAP-II) 2015-2016

Organized By,
Department of Electronics Engineering, MIT Campus, Anna University, Chennai-600044.
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 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 DEPARTMENT
The Department of Electronics Engineering 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 & Embedded Systems and Wireless Technologies). The cutting edge research areas include Communication Technologies, Wired and Wireless Networks, Security, Sensor Networks, Image Processing and Signal Processing, Embedded Systems and VLSI. The department has collaborative partners from academia and industry.

LOCATION
Madras Institute of Technology is located in Chromepet, Chennai, close to Chromepet bus stand and railway station.

ABOUT THE WORKSHOP
This workshop is planned with an objective of providing a platform for enhancing knowledge about the Embedded System Design with 8-bit microcontrollers. The hands-on session in embedded C programming of PIC 16F877 8-bit microcontroller with hardware implementation will enhance the soft skills of participants.

Also an overview of Real Time Operating System (RTOS) will be discussed.

Following topics will be addressed in the workshop by renowned experts from research institute (NIOT) and academia (IITM and MIT):
1. Recent research activities in Automation
2. Architecture and features PIC
3. PIC Instruction set
4. IDE tools
5. Introduction to RTOS
6. Hands on session
   i) Toggling LED, LCD interface
   ii) Switch / Relay Interface
   iii) Actuators and Sensor Interface
   iv) Interrupts, Timer and CCP modules
   v) UART / I2C / SPI serial programming

Two Days Workshop on
HANDS-ON TRAINING IN EMBEDDED C PROGRAMMING OF PIC MICROCONTROLLERS
1st & 2nd March 2016
Registration Form

Name (in Capitals):
Designation/Department:
Institution:
Qualification:
Experience:
Area of Interest:
Contact No:
Email:

(Please include a brief profile of your area of research along with this form)

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