

ANAND INSTITUTE OF HIGHER TECHNOLOGY



DEPARTMENT OF ECE
&
IETE STUDENT'S FORUM
JOINTLY ORGANISING



“ WINTER SCHOOL SERIES ON CORE TECHNOLOGIES ”

HANDS ON WORKSHOP ON

“Embedded System Design
using Arduino and MSP 430”

COURSE CONTENTS:

1. Introduction to Arduino & MSP430.
2. Input and output features of Arduino.
3. UART Serial communication in Arduino
4. Understanding the electronic components involved in MSP430.
5. Learning about the basics of code composer software.
6. Hands on session for participants with the micro controller.

Event Date :19,20 Feb(Batch 1) 15,16 Mar(Batch 2)
23,24 Apr(Batch 3)

REGISTRATION FEES :

Rs.200 - IETE Member
Rs.300 - Non IETE Member
Registration is *FIRST COME FIRST SERVE*

HANDS ON TRAINING ON

“PCB Design”

COURSE CONTENTS:

1. Making circuits on PCB Design Software.
2. Deploying basic circuits from paper to schematic window
3. Making Board Layout.
4. Checking for errors and finalising layout.
4. Etching Process.
5. Drilling and Soldering Methods of PCB

Event Date : 05,06 Feb(Batch 1) 25,26 Mar(Batch 2)

CONVENOR:

Dr.K.CHANTHIRASEKERAN
DEAN & HOD (ECE)

HANDS ON TRAINING ON

“Code with MATLAB”

COURSE CONTENTS:

1. Speed up MATLAB Applications
2. Applied Data Analysis using MATLAB
3. Introduction to MATLAB with a focus on image processing.
4. Introduction to MATLAB with a focus on visualisation.
5. Introduction to Object-Oriented Programming.
6. Introduction to Simulink and Physical Modelling.

Event Date: 25,26,27 Feb(Batch 1) 04,05 Mar(Batch 2)
18,19 Mar(Batch 3)

Co-ordinators:

Mr. J.Robert Theivadas
Mr. S.Markandan