



ANAND INSTITUTE OF HIGHER TECHNOLOGY

DEPARTMENT OF ECE
&
IETE STUDENTS FORUM
JOINTLY ORGANISING



"SUMMER SCHOOL SERIES ON CORE TECHNOLOGIES"

HANDS ON TRAINING ON

**"MATLAB PROGRAMMING SKILLS
& INTEGRATING MATLAB WITH
HARDWARE"**

COURSE CONTENTS:

FUNDAMENTAL
SIMULINK
APPLIED DATA ANALYSIS
INTERFACING ARDUINO
IMAGE PROCESSING
VIDEO PROCESSING
REALTIME PROJECT

HANDS ON WORKSHOP ON

**"EMBEDDED ARDUINO, RASPBERRY-PI
& MSP-430 PROGRAMMING"**

COURSE CONTENTS:

INTRODUCTION
UART CONCEPTS
BASIC PYTHON PROGRAMMING
GPIO INTERFACING
EMBEDDED PROJECT IN RASPI
IAR EMBEDDED WORKBENCH
DATA ACQUISITION MODULE
SERIAL PERIPHERAL INTERFACE

HANDS ON TRAINING ON

**"ADVANCED C/C++ PROGRAMMING
FOR PLACEMENTS"**

COURSE CONTENTS:

INTRODUCTION
FUNDAMENTAL
FUNCTIONS
FLOW & CONTROL
STRUCTURE & OOPS
CLASS & OBJECT
POINTER & ARRAY
STACK & QUENE

EVENT DATE : 27-06-2016
TO
02-07-2016

EVENT DATE : BATCH-I
20-06-2016 TO 25-06-2016
BATCH-II
27-06-2016 TO 02-07-2016

EVENT DATE : 20-06-2016
TO
25-06-2016

REGISTRATION FEES:

RS:500 FOR IETE MEMBER
RS:750 FOR NON-IETE MEMBER

CONVENOR

DR.K.CHANDHIRASEKARAN
DEAN/HOD (ECE)

CO-ORDINATORS

MR.J.ROBERT THEIVADAS
MR.S.MARKKANDAN