

**FACULTY DEVELOPMENT
PROGRAMME**

on
**“EMBEDDED and REAL TIME
SYSTEMS - (EC2042)”**

16th – 23rd December 2015

REGISTRATION FORM

1. Name:
2. Designation:
3. Qualification:
4. Institution:
5. Address for Communication:

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6. Phone Number:
7. Email ID:
8. Accommodation Required? Yes/No

Signature of the Participant
SPONSORSHIP

Mr./Ms./Dr. _____
is an employee of our college and is hereby
sponsored for the above FDTP. He/ She will
be permitted to attend the programme, if
selected.

Signature & Seal of the Sponsoring
Authority

Date:
Place:

ORGANIZING COMMITTEE

CHIEF PATRON:

Prof.Dr.M.Rajaram
Vice-Chancellor
Anna University
Chennai

PATRON:

Dr.S.Ganesan
Registrar
Anna University
Chennai

CHAIR:

Dr.D.Mohan
Director, CFD

Dr.D.Sridharan
Addl. Director, CFD

CO CHAIR:

Dr. T.A. Raghavendiran,
Principal/AIHT
Dr. K.Chanthirasekaran,
HOD/ECE

CO-ORDINATORS:

Dr.S.Solai Manohar
Professor
&
Mr.K.Bharathababu
Assistant Professor
Department of ECE

Venue: **ECE Seminar Hall**
ECE Department, AIHT

IMPORTANT DATES:

Submission of Application : **12.12.2015**

Intimation of selection : **14.12.2015**

Confirmation by Participants : **15.12.2015**

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Co-ordinators

Dr.S.Solai Manohar, M.E, Ph.D.,
Professor
&
Mr.K.Bharathababu, M.E, (Ph.D),,
Assistant Professor/ECE

ORGANISERS



**ANNA UNIVERSITY
CHENNAI- 25**

&



**ANAND INSTITUTE OF HIGHER
TECHNOLOGY**
Department of ECE

Kalasalingam Nagar, Old Mahabalipuram
Road, Kazhipattur Chennai – 603103

ABOUT THE INSTITUTION

Anand Institute of Higher Technology was established in the year 2000 by our chairman Late Kalvivalal Thiru. **T.Kalasalingam**, run by “Kalasalingam and Anandam Ammal Charities”. Now this esteemed institution is functioning under the leadership of **Ilaya vallal K.Sridharan, MBA., Secretary, Dr.S.Arivalagi, M.B.B.S., Director** and **Prof.T.A.Raghavendiran, Ph.D., Principal.**

AIHT is located in a sprawling area of 25 acres in Kalasalingam Nagar, Rajiv Gandhi Salai, nearby Siruseri IT Park, Chennai. The Institution is approved by Government of Tamil Nadu and AICTE, New Delhi. It is affiliated to Anna University, Chennai. Our college is an ISO 9001:2008 certified institution and offers the following UG courses in MECH, CSE, IT, EEE, ECE, EIE, and Civil. Our institute also offers P.G courses such as M.E in Communication Engineering, VLSI, Computer Science Engineering, Power Electronic & Drives, Embedded System Technologies, and MBA.

Our Institution has received research funds from DRDO, AICTE, etc. to the tune of nearly one crore rupees and various research projects are going on at present. The Institution has strong Industrial Interaction Cell and 48 faculty members are pursuing PhD programme in different domains at various universities.

Our institute was recognized as Business Incubator Centre by MSME and has collaboration with various MNC like National Instruments, Tata Elxsi and more.

PROGRAMME OBJECTIVE

To impart knowledge on the structure, properties, treatment, testing and applications of metals and non-metallic materials so as to identify and select suitable materials for various engineering applications.

COURSE COVERAGE

The following topics will be covered:

- Embedded Design Process
- Processor Selection
- Introduction to RISC & CISC Processor
- Arm Mode/Thumb Mode
- Instruction Set
- Programming Tools
- Basic Programming in ARM
- Exception Handling/Interrupt
- Power Management in ARM
- Introduction to Buses
- Interfacing Techniques
- Software Development Using Embedded Processor
- Testing & Verification in Embedded System
- Introduction to RTOS
- Threads /Multitasking
- Hands on Training Using GNU Tools
- Multiprocessor Systems
- Real Time Scheduling Policies
- Performance Measures in RTOS
- Teaching Learning Tools

RESOURCE PERSONS

Eminent Professors from IIT Chennai, Anna University and Industrial experts will handle the various session of the programme.

REGISTRATION FEE

There is **No Course Fee** for this training programme. The number of participants is restricted to 25 only.

SELECTION

Participants are selected on first come first serve basis and will be intimated through E-mail.

MAILING ADDRESS

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Communication Engineering

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