

ABOUT THE FACULTY

The Co-ordinator & Faculty of this course is **INDULAL S**, Advisor of IET Student Chapter, College of Engineering Trivandrum. He is an expert in "Embedded Systems" and for the past 5 years he was teaching the paper "Embedded Systems & Real Time Applications" for M Tech students in CET. He is also a certified trainer of TEXAS Instruments and Microchip Technologies, which are the leading MNC's in the field of Embedded Systems processors.

COURSE CONTENTS

- Overview of Embedded Systems
- Intel 8051 and its Architecture
- Assembly language programming
- Embedded C Programming
- Hands on Training on Development boards
- Software Simulation EDSIM
- How to assemble a cheap development board
- Embedded System Design and Implementation



WORKSHOP ON EMBEDDED SYSTEMS

14th & 15th MARCH 2009
IET Student Chapter
COLLEGE OF ENGINEERING
TRIVANDRUM
in association with
Institution of Engineering & Technology-UK
&
Younger member section, Chennai



Communication Address

ORGANISING SECRETARY

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ABOUT EMBEDDED SYSTEMS

The field of embedded systems has been growing rapidly. Embedded technology has been around for a very long time now. The various applications include radars, medical imaging, aircraft, power plants and automobiles. However, with time, the use of embedded technology has expanded into newer commercially viable areas. We see an extremely bright future for embedded computing.

A Hands on Training program on this subject thus becomes ideal for you to look into this subject, so that industries which require a whole lot of these engineers are benefited

ABOUT OUR PROGRAMME

IET-CET Student Chapter is coordinating a **2 days hands on Training on Embedded Systems Design** in hand with **EDUSAT**. Participants of the workshop will be the students of IET-CET chapter and 28 selected students from **14** different Engineering colleges in and around Trivandrum. All classes will be available on EDUSAT and will be transmitted throughout Kerala, so that **20** Engineering Colleges, equipped with ROT in Kerala can avail these programmes live.



ABOUT EDUSAT

Edusat is the first Indian satellite built exclusively for serving the educational sector. In order to serve the purpose, a project named Meghadoot has been implemented at College of Engineering, Trivandrum (CET) and a studio with Satellite Interactive Terminal Studio(SIT) has been setup. Programmes conducted at this studio can be attended through any of the Receive only Terminal (ROT) in the state.



Organizing Chair

Dr. J.Letha
Principal, CET.

IET Advisors

Indula.S
LEE, CET

Sreeja.S
LEE, CET.

Organizing Committee Members

Shanker Ganesh.R, Chairman, IET CET
Parvathi.S, Vice Chairman, IET CET.
Vishnu.M, Secretary, IET CET
Danny John Kurian, IET CET JT Sec
Anupama.P.K, IET CET JT Sec
Aswin Mohan, Treasurer, IET CET.

Application form

Workshop on Embedded Systems

IET CET Student chapter
14th and 15th of March 2009

Name:

Semester & Branch :

Name of college:

Email id:

Tel no: / Mob no:

Whether IET member or not:

Specify Knowledge in microprocessor & C programming :

Any additional info :

HOW TO APPLY

Students from Electrical, Electronics & Computer science of any Engineering College in and around Trivandrum can apply for this workshop. **Send the duly filled registration form in word doc to ietcet@gmail.com before March 5th 2009 as mail attachment.** Total no: of seats are restricted to **50**. IET CET Student chapter will conduct an Entrance test, which includes topics from microprocessor & C programming at CET on **7th of March 2009**. Qualifying students will be admitted to the course **without any FEES**. Selected students will be informed by email on 10th March 2009