How to Apply:

Kindly confirm your participation in the workshop to Mr. Srinadh Malla at srinadh.malla@pearson.com or by calling at 9966446096

Chief Guest:

Prof. Rameshwar Rao
Hon'ble Vice Chancellor
JNT University Hyderabad

Presided by:

Dr. A. Vinay Babu
Principal
JNTUH College of Engineering, Hyderabad

Coordinator:

Dr. M. Madhavi Latha
Professor of ECE, JNTUH CEH

Co-Coordinator:

Dr. M. Asha Rani
Professor of ECE, JNTUH CEH

Please carry the registration form while attending the workshop

Topics to be Covered:

➢ Introduction to Embedded Systems
➢ Overview of Operating Systems, Review of Programming Concepts
➢ Concepts of Real Time Operating Systems, Linux OS, RTLinux and other RTOSes
➢ Overview on Embedded H/w & S/w Concepts
➢ Features of ARM Processors
➢ Review on PSOC
➢ DSP Processors
➢ Applications of Embedded and DSP processors
➢ Embedded System Design & Product Life cycle aspects
➢ Overview of DevKit8000
➢ OMAP3530 (CortexA8) applications processor overview
➢ Overview of Embedded Linux development
➢ Usage of Cross Compiler
➢ Porting of Wince & Android on SD card
➢ DSP/Bios overview
➢ Demo of various modules with Dev Kit8000

Resource Persons:

Lyla B Das, Associate Professor, National Institute of Technology, Calicut

Raghu C V, National Institute of Technology, Calicut

Faizan Shukoor, EdGate Technologies

Eligibility:

Faculty of Educational Institutions are eligible to apply

Time:

Workshop begins sharply by 10.00 AM on 12th October 2012 till 14th October 2012

A Three-Day Workshop

on

"Embedded Processors"

Organised by

Department of E. C. E
JNTUH College of Engineering
Hyderabad

Sponsored by

Pearson Education
and
EdGate Technologies

on 12th - 14th October 2012
10.00 AM to 5.00 PM

Venue:

Seminar Hall, JNTUH CEH

Jawaharlal Nehru Technological University

Jawaharlal Nehru Technological University, the First Technological University of India, was established on 2nd October 1972 in Andhra Pradesh with head quarters located in a historical city Hyderabad. The University is one of the premier Universities in India accredited by NAAC with 'A' Grade. After successful and proven levels of appreciated existence and stature spanning over 36 years, JNTU has been divided into four different universities by Govt. of Andhra Pradesh, through Act No.30, Dt. 24th September, 2008. One of the constituent colleges of the University "JNTUH College of Engineering, Hyderabad" is regarded as a pioneer in shaping the excellence of some of the leading organizations of the industry, by churning out the finest professionals with a resolve to scale greater heights in the technological scenario, every year. Other constituent college of JNTUH is located at Jagityal and 11 other academic units at Hyderabad campus.

The Department of Electronics and Communication Engineering, established in 1973, is instrumental in molding the careers of students and helping them to become world-class professionals. Besides highly qualified and experienced staff and well-equipped laboratories, the Department has been awarded 8.1 points out of 10 by the State Board of Technical Education.

Pearson Education

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EdGate Technologies

Provides high-performance ARM, DSP, FPGA processor boards and I/O modules in support of high performance, parallel processing applications in a variety of fields including Multimedia, Imaging, Networking, Industrial control and Military. We offer rapid, reliable software, firmware and hardware solutions for prototyping, business applications and the development environment. EdGate Technologies provide a whole range of services by leveraging its business expertise by strategic alliances with leading technology providers.

About The Workshop

The goal of the workshop is to unite the faculty/researchers to discuss Embedded Processor and to bring together world-class educators and thinkers to discuss all aspects of embedded system education.

The workshop is intended to give the participants a focused view to the introduction of embedded systems which includes hardware, software and firmware aspects, the necessity and importance of operating systems for embedded systems, introduce to processors 8051, ARM and PSoC. The workshop will provide opportunity to flourish the knowledge and to pursue research in this area.

Registration Form

Name of the Applicant (Block Letters): _____

_____

Designation:_____

Gender: (M/F):_____

Educational Qualifications: _____

Address for Correspondence:_____

_____

_____

Phone No.:_____

Cell No.: _____

Fax No.:_____

E-mail: _____

_____

Name of the Sponsoring Institute/Organization: _____

_____

_____

Date: Signature of Participant