PARTICIPATION

The ECE students of 6th and 8th semester are eligible to participate in the **WORKSHOP**.

PREREQUISITES

* Knowledge on Digital System.
* Microprocessor/Microcontroller architecture and Programming.
* "C" Programming.

RESOURCE PERSON

M.Karthikeyan
Cypress University Alliance Program Manager,
Cypress Semiconductor
Technology India (Pvt.) Ltd.

CONTACT DETAILS

For queries or registration, please contact:
L.Meenakshi AP-2/ECE
Coordinator
Department of Electronics and Communication Engineering
K.L.N. COLLEGE OF ENGINEERING
Pottapalayam - 630 611
Sivagangai Dist, Tamil Nadu.

COURSE DETAILS

Date   : 3rd April,2011

Timings   : 9.00 a.m to 4.00 p.m

Venue   : VLSI Lab , ECE Department.
                K.L.N. College of Engineering.
                Pottapalayam.

Overview of PSoC Workshop

This Highly Technical and Education Workshop introduces the diversified uses of PSoC and will give you the insight of how it differs from conventional microcontroller. Your design related questions will be answered by experts.

What you will learn:

* Introduction on Cypress.
* Introduction on PSoC architecture.
* Discussion on Analog,Digital and CPU subsystems.
* Hands-On Lab using PSoC3 Kits.
* Introduction on Cypress University Alliance Program.
* Q & A.

Potential Benefits from the Workshop

1. Hands on sessions on the kits
2. Exposure to new technologies which also gives chance to your students to make a mark on the field
   A take home kit to continue your practice
3. Learning directly from the Industry experts

CYPRESS SEMICONDUCTOR

K.L.N. COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
&
CYPRESS SEMICONDUCTORS Ltd.
Organizing
University Alliance Program
on
SYSTEM ON CHIP - PSoC
03.04.2011

Convener
Dr.A.V.Ramprasad

Coordinators
S.Angelin Grace Stella   ASP-1/ECE
V.Muthuganesh AP-2/ECE
L.Meenakshi AP-2/ECE

K.L.N. COLLEGE OF ENGINEERING
Pottapalayam - 630 611
(11Km from Madurai City)
Tamil Nadu
Phone: 0452-2090971,2090972
Fax: 0452-2090070

http://www.klnce.edu

ABOUT THE INSTITUTE

K.L.N. College of Engineering is the First self-financing co-educational Engineering college in Madurai, started in 1994 by the philanthropists and well wishers in Sourashtra Community, which is a linguistic minority in Tamilnadu. This College is sponsored by the committee of eminent industrialist and academicians led by enthusiastic, educationalist and industrialist Amarar Thiru.K.L.N. Krishnan.

The Courses offered in K.L.N.C.E are approved by All India Council for Techinical Education, New Delhi. It is an ISO 9001:2008 certified institution and affiliated to Anna University of Technology Madurai. This College offers Seven Undergraduate Programmes, Five Postgraduate Programmes in Engineering and Sciences.

ABOUT THE DEPARTMENT

The department of ECE was started in 1994. It has an intake of 120 students. The department has adequate infrastructure with spacious classrooms, conference halls and well developed eight laboratories having the advanced designing tools like MATLAB, Orcad P-Spice, Xilinx, IE3D and modernized equipments like spectrum analyzer, microwave power meter, GPS kit. The core members of the faculty have rich academic experience and wide industrial and R&D exposure and are well suited for minimizing the gap between academy and industry. The department initiates the U.G., P.G. & research projects in Embedded systems through the center for Embedded systems which is based on the collaboration of institution & Embedded industry. The department has over 1500 books and magazines and journals. AICTE, New Delhi has sanctioned fund as under MODROB scheme for modernizing microwave lab of this department.

The department is also accredited by NBA, New Delhi. Anna University of Technology, Madurai has recognized the department as **Research Centre** for Pursuing PhD work.

PSoC Overview

Integrate. Accelerate. Liberate.

The PSoC® architecture consists of configurable analog and digital blocks, a CPU subsystem and programmable routing and interconnect. PSoC lets you plug in predefined and tested IP from the PSoC library of functions, or code your own. Either way, you have the flexibility to build innovation and competitive advantage into your products.

*Programable Routing & Interconnect.
*Configurable Analog and Digital Blocks.
*CPU Subsystem.

DESIGN SMARTER

Cypress's PSoC® programmable system-on-chip removes the barriers you face with fixed function MCUs and discrete analog and digital components by providing an unparalleled combination of flexibility, integration, and analog functionality.

PROGRAMMABLE ANALOG

Developing embedded systems with advanced analog sensing, monitoring, and control is simple with PSoC's built-in, high-precision programmable analog features and powerful visual embedded design tool. The PSoC solution includes a broad portfolio of preconfigured and characterized user components for:

• CapSense™ capacitive touch sensing.
• Voltage monitoring.
• Environmental sensing.
• Fan/motor control.

K.L.N. COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Organizing
One Day WORKSHOP
on
SYSTEM ON CHIP - PSoC

REGISTRATION FORM

1. Name:

2. Roll No:

3. Year:

4. Address for Communication:

5. Mobile Number:

6. Email:

Date: Signature

Recommendation from the Head of the Department

This is to certify that

Mr./Ms. _____

of_____

is permitted to Participate in the one day WORKSHOP on
"SYSTEM ON CHIP - PSoC" on 3rd,April'2011
at K.L.N. College of
Engineering, Pottapalayam, Sivangai Dt.

Date: Signature