

About the Institute

K.L.N. College of Engineering has been the first self-financing co-educational Engineering College started in Madurai in 1994. The College has been affiliated to Anna University and approved by All India Council for Technical Education (AICTE). The College is located in the south eastern outskirts of Madurai and is 11Km away from Madurai city. The college runs 7 undergraduate engineering programs and 6 Master Programs including M.E. Communication Systems.

Department of ECE

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 meters, 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 centre of Embedded Systems which is based on the collaboration of the institution & Embedded industry. The Department library 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.

Madurai:

Madurai is a place of great historical and cultural importance. It was the capital of Pandya Kingdom. Madurai is famous for its temples with its rich architecture and sculptural works such as Meenakshi Temple and it is also famous for textiles, handlooms and silk sarees. Madurai is the second largest city in Tamil Nadu with many educational Institutions and world-class hospitals. It is well connected by air, rail and road.

Objectives of the Workshop

This workshop train students with a right mix of theoretical concepts & industrial procedures. It is an initiative to give the students a real world awareness and exposure in making them INDUSTRY-READY. Microchip PIC, Atmel AVR and Philips ARM and Programming Software – Microcode Studio, MPLAB, Keil, and Triton & AVR Studio will be trained by experts in Embedded Microcontrollers to the participants at the workshop.

This workshop provides students with

- ❖ **Introduction to Embedded System Design & PIC Microcontrollers**
- ❖ **PIC Basic Programming & Simulation (Microcode Studio IDE, Real PIC software)**
- ❖ **Hardware Interface in bread board**
 1. Power supply, ICSP
 2. LED, Switch, Sensor Interface
- ❖ **Application Development using PIC 16F628A**



Accommodation

No TA / DA will be paid to the participants. On prior request, accommodation can be arranged in our college hostel with breakfast & dinner at a nominal fee.

Who can Register?

The programme is open for all engineering UG and PG students. Application can be downloaded from the website www.klnce.edu

Registration Fee includes

- 1) Course Kit
- 2) Course Materials
- 3) Workshop Certificate
- 4) Working Lunch, Tea & Snacks

Registration Fee

UG and PG Students from Engineering colleges

Rs.600/-

The registration fee should be paid through Demand Draft drawn in favour of **“THE PRINCIPAL, K.L.N. COLLEGE OF ENGINEERING”** payable at Madurai.

Local Transportation

Our college buses are playing on daily over 15 routes from various parts of the city. Participants can use these buses to reach K.L.N.C.E. For further information please contact coordinators.

**Two-Day Student Workshop on
“EMBEDDED SYSTEM DESIGN
USING PIC
MICROCONTROLLER”**

**05-03-2012 & 06-03-2012
(Monday & Tuesday)**

REGISTRATION FORM

Name :
Year / Sem :
UG / PG :
Department :
Organization :

Address for
Communication :

Phone No :
Mobile No : E-mail id :
Accommodation required : Yes : No :
D.D. No : Dated :
Amount : Bank :

Date : Signature of the Applicant

Important Dates

Registration form along with D.D should reach us on or before **29th Feb 2012**. Limited spot registration only be allowed.

HDL Solutions

HDL Solutions is a prime step to help ambitious students plan and prepare for their career objective towards Embedded systems. They undertake critical challenges where external analysis, fresh insights and fast turnaround have the biggest impact on performance. HDL Solutions intends to develop tools for providing realistic market forecasting as well as a viewpoint for students' career.

Correspondence

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K.L.N. College of Engineering
Pottapalayam –630 611
Madurai,
Tamilnadu.

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**Chairman
Dr.A.V.Ramprasad, Principal**

**Convener
Prof.V.Kejalakshmi, HOD /ECE**

**Coordinators
Mrs.K.R.Shanthy
Mrs.P.Selvi**



**Organized by
Department of Electronics & Communication
Engineering**

(Accredited by NBA, New Delhi)

K.L.N.COLLEGE OF ENGINEERING

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