

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 college faculty members, industrial persons, research scholars and students. Application can be downloaded from the website www.klnce.edu

REGISTRATION FEE INCLUDES

- 1) Course Kit
- 2) Course Materials (including Lab Manual)
- 3) Participation Certificate
- 4) Working Lunch, Tea & Snacks

REGISTRATION FEE

- 1) Delegates from Academic Institution and Industry Rs.500/-
- 2) Research Scholars/Students Rs.400/-

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 plying on daily over 35 routes from various parts of city. Participants can use these buses to reach K.L.N.C.E. For further information please contact coordinators.

IMPORTANT DATES

Registration form along with D.D should reach us on or before 26th June 2019. Limited spot registration only is allowed.

LEARNING OBJECTIVES

ARM 7 – Embedded System Lab

- Understand the building block of embedded systems.
- Learn the working of ARM Processor and study its evaluation system.
- Working of basic programs in Keil & Flash Magic.
- Hardware Simulation using Proteus
- Various peripheral interface programs in Keil.
- Interfacing ADC and DAC.
- Interfacing LED and PWM.
- Interfacing real time clock and serial port.
- Interfacing keyboard and LCD.
- Interfacing EPROM and interrupt.
- Flashing of LEDs.
- Interfacing stepper motor and temperature sensor.
- Implementing Zigbee protocol with ARM.

CORRESPONDENCE

- 1) Dr.N.Janakiraman (Mobile: 98944 24665)
E-Mail: janakiramanforu@yahoo.com
Professor
- 2) Ms.S.Indumathi (Mobile: 96005 99680)
E-Mail: siva17indu@gmail.com
Assistant Professor
- 3) Mr.D.Anand (Mobile: 80982 60007)
E-Mail: anand.duraiswamy@gmail.com
Assistant Professor
- 4) Mrs.T.D.Preethi Mai (Mobile: 99445 30433)
E-Mail: eceklnce@gmail.com
Lab Instructor

Department of ECE

K.L.N. College of Engineering
Pottapalayam – 630 612. Madurai, Tamilnadu

A Two day National Workshop

On

“EC6711 – Embedded Systems Laboratory”

27-06-2019 & 28-06-2019
(Thursday & Friday)

Chairman

Dr.A.V.Ramprasad, Principal

Convener & H.O.D – ECE

Dr.V.Kejalakshmi

Coordinators

Dr.N.Janakiraman

Ms.S.Indumathi

Mr.D.Anand

Mr.S.Selvakumar

Mrs.T.D.Preethi Mai



Organized by

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

K.L.N.COLLEGE OF ENGINEERING

Pottapalayam - 630 612

Madurai District.

Phone: 0452 2090971, 2090972

URL : www.klnce.edu

ABOUT THE INSTITUTE

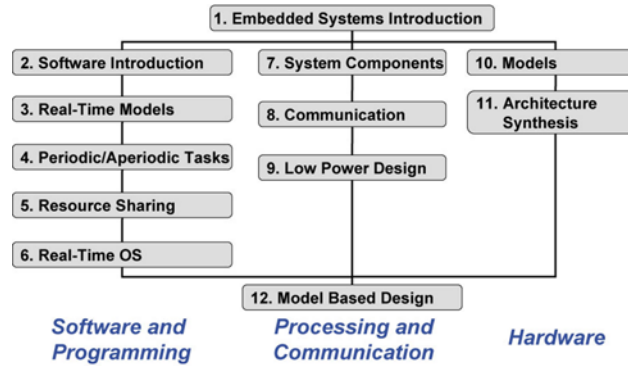
K.L.N. College of Engineering has been the first self-financing co-educational Engineering College started in Madurai in 1994. The College has been affiliated to Anna University and approved by All India Council for Technical Education (AICTE). The College is located in the south eastern outskirts of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

DEPARTMENT OF ECE

The Department of ECE was started in 1994. The Department has adequate infrastructure with spacious classrooms, conference halls and well developed nine laboratories having the advanced designing tools like Xilinx Vivado & System Edition, Cadence System Design Suite Front-end & Back-end Tools, LabView, MATLAB, ADS, AnSoft, Orcad P-Spice and modernized equipments like Analog discovery kit, Microwave power meter, Spectrum analyzer, Network analyzer. The department initiates the U.G., P.G. & research projects in Embedded Systems through the Centre for Embedded Systems which is based on the collaboration of institution & embedded industry. AICTE, New Delhi has sanctioned fund as under MODROB scheme for modernizing Microwave Lab and DSP lab of this department. The department library has over 1500 books and magazines and journals.



ABOUT THE PROGRAMME



An embedded system is some combination of computer hardware and software, fixed in capability or programmable, that is designed for a specific function or for specific functions in a larger system. Industrial machines, agricultural and process industry devices, automobiles, medical equipment, cameras, household appliances, airplanes, vending machines and toys as well as mobile devices are all possible locations for an embedded system. Embedded systems are computing systems, but can range from having no user interface (UI) -- for example, on devices in which the embedded system is designed to perform a single task -- to complex graphical user interfaces (GUI), such as in mobile devices. User interfaces can include buttons, LEDs, touchscreen sensing and more. Some systems use remote user interfaces as well.

Arm microcontroller Training



A Two day National Workshop On “EC6711 – Embedded Systems Laboratory”

27-06-2019 & 28-06-2019
(Thursday & Friday)

REGISTRATION FORM

Name :

Qualification :

Designation :

Experience :

Department :

Organization :

Address for :

Communication

Phone No. :

Mobile No. :

E-mail id :

Accommodation required : Yes No

Date:

Signature of the Applicant