ABOUT THE INSTITUTION

K.L.N. College of Engineering is the first self-financing Co-educational Engineering college in Madurai started in the year 1994 and is sponsored by a committee of eminent industrialist and academicians. This college has been approved by AICTE, New Delhi and affiliated to Anna University, Chennai. This college is an ISO 9001:2015 certified institution and offers seven U.G. programmes and Seven P.G. programmes. This college campus is located in a quite environment about 11KM from Madurai city. This college has excellent infrastructure, well equipped laboratories, library with online subscriptions and other general facilities.

Convener

Dr. A.V. Ram Prasad
Principal | KLNCE

Co-Convener

Dr. S.M.Kannan,
HOD | EEE

Coordinators

Mr.A.Manoj,
Assistant Professor | EEE

Mr.S.Rajalingam,
Assistant Professor | EEE

Contact

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WORKSHOP HIGHLIGHTS

Do it and Learn (90% course content is Hands-on)

Working with **MSP430** energy efficient 16-bit microcontroller. HTTP web server using **CC3200 Wi-Fi** and interfacing with microcontroller.

IoT Applications using **cloud** servers

Working with,

IBM Cloud server, eclipse.org cloud server using MQTT protocol, Temboo for Yahoo, Google and Nexmo, Twilio cloud servers, Thingspeak and AT&T cloud server

Six Days Workshop

on

EMBEDDED SYSTEMS & IoT APPLICATIONS

11th to 16th December 2017

Organized by

IEEE Students Branch (60791)

IEEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
(Accredited by NBA upto 30.06.2019)

In Association with

Steps Knowledge Services

(Authorized Training Partner of Texas Instruments)

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K.L.N. College of Engineering

(An ISO 9001 : 2015 Certified Institution)
(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)
Sivagangai District - 630 612, Tamilnadu
(11 Km from Madurai City)

www.klnce.edu

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is started in the year 1994 with an intake of 40 and with the latest intake of 120 in 2011. Started offering ME in power system engineering in the year 2004 with an intake of 18 and intake increased to 24 in 2012. Accredited for four times (2004, 2008, 2012 and 2016) by the National board accreditation, New Delhi and recognized as research centre of Anna University, Chennai.

The department has well equipped laboratories and doing consultancy in "Industrial Harmonic Audit" and "Energy Audit" for the benefit of public sector undertaking and private companies. The department is fully equipped with the latest equipments in Electrical Machines lab, Power Electronics lab, Control Measurements and Instrumentation lab and has excellent computing facilities with latest simulation software's in our control, measurements and instrumentation laboratory.

TARGET AUDIENCE

UG, PG Students, Research Scholars, Faculty

IMPORTANT DATES

Last date for Registration	18.11.17
Intimation to Participants	20.11.17
Confirmation & Last date for the receipt of DD	30.11.17

ABOUT THE WORKSHOP

Internet of Things (IoT) is becoming ubiquitous with edge sensor nodes getting more and more intelligent and capable to transmit their information directly to a cloud and also get controlled/actuated from the cloud. The pervasive nature of hooking anything to the Internet which was not thought previously opens up a new era of imagination and deployment for a connected world with endless possibilities. The hands-on workshop covers the architecture of TI CC3200 which is a wireless microcontroller and the first in the industry to evolve to a single microcontroller programmable to wireless (Wi-Fi standard) connectivity. The workshop is structured and tailored to meet the need of the engineering students to get a very good exposure of Internet enabled systems and their applications.
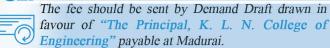
Typical applications could be battery powered sensor signal acquisition, processing and connectivity to the Cloud
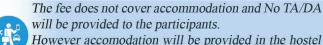
REGISTRATION FEE

Registration Fee per participant: Rs. 3500/-

The fee should be sent by Demand Draft drawn in favour of "The Principal, K. L. N. College of Engineering" payable at Madurai.

The fee does not cover accommodation and No TA/DA will be provided to the participants.
However accomodation will be provided in the hostel with nominal charge.

The fee includes the course material, tea and lunch.

Note: Seats are limited to 60 on First Come First Serve Basis