

About the Institution:

Oxford Engineering College is an ISO 9001:2000 Certified Institution affiliated to Anna University and approved by AICTE. Oxford Engineering College, under K.S.M. Educational Trust, is located 3 km away from Trichy Central Bus Stand on Dindigul road National Highway and is the only college within city limit. The dynamic environment created by the trust helps every student to develop rational, critical and creative powers thereby enabling the fullest possible intellectual growth.

About the Department

Electronics & Communication Engineering Department, offering a UG Programme was started in the year 1998. The department has a team of well qualified, experienced and dedicated faculty members with industrial and teaching backgrounds. The laboratories are well equipped with modern training facilities that cater to the requirements of the university syllabus as well as the requirements of the industry.

The department has attracted many significant research grants from AICTE, IETE and State government for enhanced research activities.

The department have installed effectuate CAD Lab through Non- Revenue fund Generation from AICTE under the scheme of **MODROBS & ED Cell**.

The department also offers two Post Graduate Courses in **VLSI Design** and **Communication Systems**. The students add pride to the Department by winning awards for projects proving the college motto “**Innovation is our strength**”.

About LIVEWIRE

LIVEWIRE promote niche training in IT, Electronics & Electricals Creating experts for emerging technology industries and specialist technology jobs. A part of CADD centre, which is Asia’s largest CAD/CAM/CAE training institute, LIVEWIRE is present in 100 locations across India and 6 countries.

LIVEWIRE provide specialist training courses that are at the intersection of Software, Hardware, networking and management. We cater to the skill requirements of industries in the areas of IT infrastructure Management, Electronic Design Automation, Industry Automation, Software Development and Data science.

The curricula are prepared with inputs from the product companies and employer industries. The training is offered by instructors who are trained by product developers and industry bodies. Our training centers boast of high-end hardware and sophisticated technology labs that are modeled on real world R&D units of industries.

About Workshop:

The goal of this workshop provides technical hands-on about Real Time Embedded systems.

- Introduction to Arduino
- Introduction to IOT
- Sensors-DHT11, IR Sensors, Ultrasonic
- Thingspeak Server- Channel Setting-Talkback
- Wifi Module- Node MCU- ESP8266 AT Commands
- Introduction to Python-CGI Server using Python & Raspberry pi- CGI Server using pi

Program:

- Temperature and Humidity collection and upload to ThingSpeak Cloud and control the device using talkback commands
- Upload Temperature from DHT11 to Thingspeak using ESP8266Ex as client and Raspberry pi as IOT Gateway
- RFID based Employee attendance management system and calculate salary based on it using ATMEGA Microcontroller
- Controlling Motor to Apache Webserver using Raspberry pi

Resource Person

- ❖ Experts from CADD centre , Trichy & LiveWire

**CADD CENTRE, Trichy &
Live Wire**

Sponsored

One Day

WORKSHOP

on

**“REAL TIME EMBEDDED
SYSTEMS”**

28th September 2018

REGISTRATION FORM

Name : Mr/Ms/Mrs _____

Designation: _____

Institution: _____

Address for communication:

Phone Number : _____

E-Mail ID : _____

Whether accommodation is required?: Yes / No

Signature of the Participant

is a bonafide faculty member of our College. He /
She is sponsored to attend the above FDTP.

Date: _____ Signature of the Principal with seal

INFORMATION TO APPLICANTS

Eligibility

Faculty of Affiliated Engineering Colleges
can apply.

Travel

Participants can avail the college
bus facility.

Registration Fee:

Students : Rs.200

Faculty : Rs.300

Important Date

Spot registration is available, however inform
your participation to the coordinator on or
before **27.09.2018**

Mailing Address

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**CADD
CENTRE**
Driving Digital Designs!

&

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28th September 2018

CO-ORDINATOR

MS.J.BANUMATHI



Organized by

**Department of
Electronics & Communication
Engineering**

OXFORD ENGINEERING COLLEGE

Pirattiyur (w), Tiruchirappalli- 09

(Accredited by NAAC-UGC with 'B')