## K.L.N. COLLEGE OF ENGINEERING
## DEPARTMENT OF ECE

**Three days Hands-on training and competition on Web based applications using Python Programming**

### REGISTRATION FORM

| | |
|---|---|
| Name | : |
| Year | : |
| Department | : |
| Institution | : |
| Qualification | : |
| Age &Gender | : |
| Address for Communication | : |

Phone / Mobile   :

E-mail            :

Accommodation required: YES / NO

### DECLARATION

The information provided herewith is true to the best of my knowledge. I agree to abide by the rules and regulation governing the workshop. If selected, I shall attend the workshop for the entire duration.

**Signature of the Applicant**

Date:

Place:

**Signature & Seal of the Head of the Institution**

---

## WHO CAN ATTEND

Students from Engineering Colleges and Universities, PG students.

## REGISTRATION

The completed Registration form should be sent by post to the coordinator through proper channel. The selection intimation will be sent by e-mail. The participants will be selected on first-come-first-served basis.

The participants shall pay the Registration Fee of Rs.600/- through a Demand Draft drawn in favor of "The Principal, K.L.N College of Engineering" payable at Madurai should be sent along with the registration form. No TA/DA will be provided for the participants.

### ADDRESS FOR COMMUNICATION
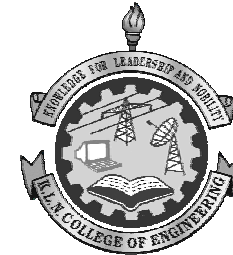
For any queries and sending completed registration form:
**Coordinators,**
**Mrs.T.R.Muthu, AP (Sr.Gr) ECE**
**Mrs.T.Vidhya, AP /ECE**
**Ms.P.Sharmadha,AP/ECE**
Department of Electronics and Communication Engineering
 K.L.N.College of Engineering,
Pottapalayam-630 612.
Sivagangai Dist.
Ph: 0452-2090971
**URL : www.klnce.edu**
**Email: talkto2006@gmail.com,**
**vidhumdu@gmail.com**
**Mobile: 94869 26694,**
      **9894133397,**
      **7402666601**

---

**Three days Hands-on training and competition on Web based applications using Python Programming**
**Organized by**



## Department of Electronics and Communication Engineering
**09.01.18 to 11.01.18**

## K.L.N.College of Engineering

**Pottapalayam – 630 612,**
**(11Km from Madurai city), Tamil Nadu**

**Convenor**
**Dr. V.Kejalakshmi, HOD/ECE**

**Coordinator(s):**
**Mrs.T.R.Muthu, AP(Sr.Gr)ECE**
**Mrs.T.Vidhya, AP /ECE**
**Ms.P.Sharmadha AP/ECE**

## ABOUT THE INSTITUTION

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 outskills 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.

## ABOUT THE ECE DEPARTMENT

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, Mentor Graphics Front-end & Back-end design suites, 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 of ECE is accredited by NBA.

## SCOPE OF THE PROGRAMME

The objective of the workshop is to

❖ Impart knowledge and make aware of handling real time applications using python language.

❖ Provide a good platform to interact with the eminent academician and Industrialist belongs to Python programming.

❖ Develop innovative project with a technological component using python

## COURSE CONTENT

Python and IDLE installation
Plotting graph using matplotlib
Database and SQL
Direct Database interface, Polling urllib and Webserver APIs,AJAX and JSON
Application Program Interfaces
GUI building using Tkinter
 *Designing a Basic Calculator using different methodologies
*Get live data such as weather details and countries list
*Acquire Satellite Imagery file of a location from NASA using Longitude and Latitude
*Interfacing with thing tweet API with urllib library
*Uploading laptop processor's temperature data and view live statistics

## RESOURCE PERSON

**Mr. Ashok Kumar**
Freelance Business consultant

## ORGANIZING COMMITTEE

**CHIEF PATRON** : **Er.K.N.K.Karthik**
President, KLNCE

**PATRON** : **Dr.K.N.K.Ganesh**
Secretary, KLNCE

**CHAIR** : **Dr. A. V. Ramprasad**
Principal, KLNCE

**CONVENOR** : **Dr. V.Kejalakshmi**
HOD/ ECE, KLNCE

**COORDINATORS:**

**Mrs.T.R.Muthu, AP(Sr.Gr)ECE**
**Mrs.T.Vidhya, AP /ECE**
**Ms.P.Sharmadha AP/ECE**

## IMPORTANT DATES

Submission of registration form :27.12.17
Intimation of selection : 29.12.17
Confirmation by Participants : 02.01.18

**VENUE:  CCC Lab**
**K.L.N. College of Engineering**