

## 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 5 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 meter, 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 for embedded system which is based on the collaboration of 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.

## TechPassion

TechPassion is an engineering products company building the next generation software tools used by product design teams in industries such as automotive, aerospace, energy and civil structures. The company was founded in 2005 by alumni of Massachusetts Institute of Technology and Indian Institute of Technology.

TechPassion's product, VMAP is used by customers to perform vibration testing and correlation of simulation and experimental results thereby shrinking product development time. TechPassion is also engaged in the business of engineering services, offering design engineering services to customers who develop new products like automobile components, aerospace components and energy system like wind turbines.

TechPassion has partnered with Equalis to provide support, training, migration and application development consulting to Scilab users in India.



## One-Day Workshop On “Hands on training - Scilab”

**13-10-2012  
(Saturday)**

### REGISTRATION FORM

Name :  
Qualification :  
Designation :  
Experience :  
Department  
Organization :  
Address for  
Communication :  
Mobile No. :  
E-mail id :  
Accommodation : Yes/ No  
D.D. No. : Dated :  
Amount : Bank :  
Date: Signature of the Applicant

### Who can register?

The programme is open for all engineering faculty members & industrial persons. Interested Research Scholars & P.G. students are also allowed to register. Application can be downloaded from the website [www.klnce.edu](http://www.klnce.edu)

### Registration Fee includes:

- Course Kit
- Certificate
- Working Lunch, Tea & Snacks

### Registration Fee:

Registration fees – Rs 500 /-

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 15 routes from various parts of city. Participants can use these buses to reach our college.

For further information please contact coordinators. Accommodation can be arranged as per request on payment basis.

### Important Dates:

Registration form along with D.D should reach us on or before **9<sup>th</sup> October, 2012**. Limited spot registration only be allowed.

### Objectives of the Workshop:

**Scilab** is an open source, cross-platform numerical computational package and a high-level, numerically oriented programming language. It can be used for signal processing, statistical analysis, image enhancement, fluid dynamics simulations, numerical optimization, and modeling, simulation of explicit and implicit dynamical systems and (if the corresponding toolbox is installed) symbolic manipulations. MATLAB code, which is similar in syntax, can be converted to Scilab. **Scilab** is one of several open source **alternatives to MATLAB**.

This is a hands-on workshop to empower the participants with a working knowledge of Scilab. The emphasis will be on contemporary engineering education syllabus and how Scilab fits in teaching theoretical and laboratory courses.

The participants will gain the following:

- Understanding of features and capabilities of Scilab
- Programming with Scilab/Xcos
- Modeling advanced engineering problems with Scilab/Xcos and its toolboxes

### Correspondence/co-ordinators:

**S. Subha M.E., M.B.A., (Ph.D) , AP2/ECE Dept,**

Mobile No. - 95788 48832

Email ID - [subsure@yahoo.com](mailto:subsure@yahoo.com)

**M.Amudha M.E., AP2/ ECE Dept**

Mobile No. - 98651 05417

Email ID – [amudh\\_2006@yahoo.co.in](mailto:amudh_2006@yahoo.co.in)

### Resource Persons

**Experts from TechPassion Pvt Ltd., Chennai. (Scilab vendors)**

## One-Day Workshop On "Hands on training - Scilab"

**13-10-2012  
(Saturday)**



**Convenor**

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

**Co-ordinators**

**Mrs.S.Subha  
Mrs.M.Amudha**

**Organized by  
Department of ECE**

**in association with  
TechPassion Pvt Ltd  
Chennai.**

**K. L. N. College of Engineering,  
(11 Km from Madurai city)  
Pottapalayam - 630 611  
Sivagangai Dist.,  
Tamil Nadu.**