

**One Day National Level Workshop  
on  
LABVIEW AND ITS APPLICATIONS**

**24<sup>th</sup> January 2018**

**Registration Form**

Name:.....

Qualification:.....

Designation:.....

Department:.....

Institution: .....

Mailing address:.....

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Phone:.....

Office:.....

Mobile:.....

Email:.....

**Payment Details:**

DD No: .....Date:.....

Amount:.....Bank:.....

**Signature of Applicant**

**ORGANISING COMMITTEE**

Chief Patron : **Dr. R. Vasanthakumar,**  
**Chairman & Managing Trustee,**  
Karpagam Educational Institutions.

Patron : **Shri. K. Murugaiah,**  
Chief Executive Officer,  
Karpagam Educational Institutions.

Chairman : **Dr. P. Vijayakumar,**  
Principal.

Convener : **Dr.P.Karthigaikumar,**  
Professor and Head,  
Department of ECE.

**CO-ORDINATORS**

Ms.S.Deepa, AP/ECE  
Ms.T.Joyce Selva Hephzibah,AP/ECE

**For further enquiries and communication,  
Contact :**

Ms.S.Deepa  
Ms.T.Joyce Selva Hephzibah  
Asst. Professors/ECE  
Karpagam College of Engineering,  
Coimbatore - 641 032.  
Phone : 0422- 2619005  
Fax: 0422-2619005  
**Mobile : 9659940764, 9486077968**  
**E-mail : deepaa.selva@gmail.com**  
**Website: www.kce.ac.in**



**One Day National Level Workshop  
on  
"LABVIEW AND ITS APPLICATIONS"  
24<sup>th</sup> January 2018**



*Organized by*



**Department of Electronics and Communication  
Engineering**

(Accredited by NBA and NAAC-'A' Grade )

## ABOUT THE COLLEGE

Karpagam College of Engineering was started in the year 2000, by Karpagam Charity Trust, promoted by renowned Philanthropist and Industrialist Dr. R. Vasanthakumar and has been conferred with autonomous status in the year 2007. The college offers nine Under Graduate Engineering programmes and five Post Graduates programmes and accredited by NAAC with 'A' Grade. The Institution aims to provide excellent learning facilities by imparting practical training, knowledge and skills to the youth. The college has signed MoUs with research organizations and industries to promote closer interaction in the areas of technology development, student training, curriculum updation and establishment of state-of-art-centers of excellence.

## ABOUT THE DEPARTMENT

The department has experienced and qualified faculty members, well equipped laboratory such as DSP lab, MEMS Lab, Communication and Microwave Engineering Lab, LIC / Digital Lab, VLSI Design Lab, Networks and Simulation and Electron Devices Lab with availability of latest and updated version of software package. The department has also promoted different centre of excellence for MEMS Research and Development (CMRD), Centre for Signal Processing Research and Development (CSPRD), Centre for Embedded system Research and Development (CESRD), Centre for Image and Video Processing Research and Development (IBRD), Centre for

Research Communication and Wireless Network (CRCWN) and Centre for VLSI Design and Development (CVDD) for developing research activities in the field of Electronics and Communication Engineering.

## OBJECTIVE OF THE WORKSHOP

The LabVIEW gives training in the graphical programming language namely in LabVIEW software and with its accessories. The course prepares you to develop test and measure data acquisition, instrument control, data logging and measurement analysis application using LabVIEW. At the end of this course you can create application using basic design templates and architectures to acquire, process, display and store real world data.

## KEY CONTENTS OF THE WORKSHOP

### ➤ To Design

1. Signal and Image Processing,
2. Embedded System Programming (PC, DSP, FPGA, Microcontroller),
3. Simulation and Prototyping.

### ➤ To Control

1. Automatic Controls and Dynamic Systems,
2. Mechatronics and Robotics,
3. Measurements (Circuits and Electronics, Measurements and Instrumentation).

## HOW TO APPLY

- Send the registration form available in this brochure along with DD to the convener.
- First Come First Serve basis.
- No Spot registration & Registration is restricted to 30 Participants.

## PARTICIPANTS

- Students
- Faculty Members
- Members from Industries

## IMPORTANT DATES

**Last date for registration : 21.01.2018**

**Intimation of acceptance : 22.01.2018**

## REGISTRATION FEE

**All Category: Rs. 300/-**

## PAYMENT

**By Demand draft may be drawn in favour of "The Principal, Karpagam College of Engineering" Payable at Coimbatore.**

## VENUE

EB 206 - NI LAB  
Department of Electronics and  
Communication Engineering