



A National level Workshop
on
Real-Time Applications using LabVIEW
with Arduino
06-12-2019

Organized by
Department of Electrical and Electronics Engg.
Karpagam College of Engineering (Autonomous)
Coimbatore – 641 032

‘Real-Time Applications using LabVIEW with Arduino’

This workshop aims at giving hands-on experience of implementing real-time applications using Arduino with LabVIEW graphical programming. LabVIEW is a most widely used visual/graphical system design platform and development environment for data acquisition, instrument control and industrial automation. Arduino, an open source hardware platform, is an easy to use, simple hardware, beginner’s first choice microcontroller development board. This workshop integrates the above two powerful and industrial used platforms to practice implementing real-time applications. The workshop is suitable for beginners interested to start their work in the embedded. At the end of the workshop, the participants will be able to interface arduino with LabVIEW.

TOPICS:

- Getting Started with LabVIEW
- Programming techniques in LabVIEW
- Understanding NI Data Acquisition Cards
- Introduction to Arduino Platform
- GPIO Interfacing
- ADC and Sensor Interfacing
- Serial Communication
- LabVIEW Interface for Arduino
- Real-time applications

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. R. Vasanthakumar
Chairman and Managing Trustee
Karpagam Institutions

PATRONS

Er. K.Murugaiah
Chief Executive Officer
Karpagam Institutions

Dr. P. Vijayakumar
Principal

CONVENOR

Dr. C.R. Balamurugan
Professor and Head / EEE

CO-ORDINATORS

Dr.V. Tamilselvan,
Professor/EEE

Mr. C.S. Sundar Ganesan,
Assistant Professor/EEE

Registration form completed in all aspects to be sent to:

Co-ordinators

One day national level work shop on

“Real-Time Applications using LabVIEW with Arduino ”

Department of EEE
Karpagam College of Engineering
Othakkalmandapam (P.O)
Coimbatore-641 032, Tamil Nadu, India

RESOURCE PERSONS

Industrial Experts and Academicians from reputed Organizations.

REGISTRATION FEE

UG/PG Students /Faculty members/

Research Scholars : Rs. 500/-

Industrial Participants : Rs. 750/-

HOW TO APPLY:

The Participants can send their duly filled-in registration form to the coordinator along with the Demand Draft in favour of 'Karpagam College of Engineering, Coimbatore' payable at Coimbatore. The registration fee includes course Materials in CD-Format, Kit, working lunch and refreshments.

DATES TO REMEMBER:

Last date for receipt of Application : 23.11.2019

Intimation of selection : 25.11.2019

Confirmation by participants : 30.11.2019

FOR ANY OTHER QUERIES CONTACT:

Dr. V.Tamilselvan, Prof / EEE – 9345744846

Mr. C.S.Sundar Ganesan, Asst Prof /EEE -6379406590

Mail id: tamilselvan.v@kce.ac.in

ABOUT THE DEPARTMENT

Department of EEE was started in the year 2002 with a sanctioned student intake of 60 and increased to 180 from the year 2012. The Department has organized many workshops and conferences over the years. The department has well established laboratories and MoU Signed with National Instruments and B & R certified Automation centre.

ABOUT THE INSTITUTE

The Karpagam College of Engineering, established in the Year 2000, is an Autonomous Institution, approved by AICTE, New Delhi and Affiliated to Anna University, Chennai. The college offers various Under Graduate Engineering and Post Graduate programmes. Karpagam College of Engineering strives to impart quality education and an excellent career start to its all its students. The efficient Placement & Training facilities add a feather to its cap by ensuring the students gets placed on campus. The 10 Centers of Excellence strive to impart the practical and experimental exposure to the students and serve as a window to the corporate world.



REGISTRATION FORM

Real-Time Applications using LabVIEW

with Arduino

06.12.2019

Name (in Block Letters) :

Category :

Educational Qualification:

Designation:

Department :

Organization:

Gender:

Age:

Address for Communication :

Mobile Number :

E-mail ID:

Payment Details

DD.No:

Amount

Date

Bank Name & Branch:

Signature of the Applicant