

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration.

Place :

Date :

Signature of the applicant

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr. _____
_____ is an employee
of our Institute / Organization and is here by
sponsored by us. He/She will be permitted to attend
the course, if selected.

Office Seal

Signature of
the Sponsoring authority

Place:

Date:

ADDRESS FOR COMMUNICATION

Dr. R. Senthil

Department of Electronics and Instrumentation
KCG College of technology
KCG Nagar, Rajiv Gandhi Salai, Karapakkam
Chennai – 600097, Tamil Nadu, India

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ABOUT THE COLLEGE

KCG College of Technology, a unit of Hindustan Group of Institutions was founded in 1998 to fulfil the Founder – Chairman, Dr. K.C.G Verghese's vision "To Make Every Man a Success and No Man a Failure". His prime concern was to empower young boys and girls joining the institution, to creatively meet the challenges that the 21st century world of technology would bring forth. Over the years, KCG has achieved excellence by providing state-of-the-art infrastructure, equipment and dedicated, experienced faculty from commendable backgrounds. KCG facilitates innovative thinking by presenting students with an exclusive learning ambience to fuel their growth as future technologists.

The college offers Undergraduate courses in eight disciplines namely Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Computer Science Engineering, Aeronautical Engineering, Information Technology, Civil Engineering and Electronics and Instrumentation Engineering. The PG programs offered are MCA, M.E(VLSI), M.E(Communication System), M.E(Engineering Design), M.E(Power Electronics and Drives), M.E(Computer Science and Engineering) and M.E(Manufacturing Engineering). The Undergraduate programs in Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering and Computer Science Engineering are accredited by NBA.

ABOUT LABVIEW

LabVIEW software is an ideal for any measurement or control system and the heart of the NI design platform. Integrating all the tools that engineers and scientists need to build a wide range of applications in dramatically less time. LabVIEW is a development environment for problem solving, accelerated productivity and continual innovation. LabVIEW provides a single graphical design tool for algorithm development, embedded system design, prototyping and interfacing with real-world hardware. Additional modules have been designed to expand the real-time operating system, DSP and FPGA programming. National Instruments is increasingly focusing on the capability of deploying LabVIEW code onto an increasing number of targets including devices like Phar Lap or Vx Works OS Based LabVIEW Real-Time Controllers, FPGAs Pocket PCs, PDAs,



Workshop on LabVIEW Based System Design for Multidisciplinary Research Application

19th - 20th JUNE 2015



Co-ordinators

Dr. R. Senthil

Arun Joseph

Organized

by

Department of Electronics & Instrumentation
KCG COLLEGE OF TECHNOLOGY
(A Unit of Hindustan Group of Institution)
KCG Nagar, Rajiv Gandhi Salai, Karapakkam
Chennai - 600097, Tamil Nadu, India

ABOUT THE DEPARTMENT

B.Tech in Electronics and Instrumentation Engineering started at KCG College of Technology in the year 2012. The Department is well equipped with lab facility for the academic development of the students. Few of them are Process Control System Lab, Virtual Instrumentation Lab.

The Research focus area of the department is Embedded Technologies. The Research group is aimed at Research and Development in embedded computing devoted to industrial application and societal purpose. The focus area in this includes automation and biomedical application. The department is focussed on projects based on Advanced Embedded Control Systems, Embedded Wireless Communication, Biomedical based Embedded System and LabVIEW based Embedded System.

ABOUT THE WORKSHOP

The objective of this workshop is to expose and acquaint the participants with the various tools and applications of LabVIEW. LabVIEW software is ideal for any measurement or control system and is the heart of many design platforms. The tool integrates most of the modules that engineers and scientists need to build a wide range of applications in less time. LabVIEW offers a development environment for problem solving, accelerated productivity and continual innovation. Hence this workshop is to provide a comprehensive understanding of the tool and enable system design. The participants will get an exposure to existing capabilities and limitation of various steps in overall design and testing methodology.

COURSE CONTENTS

- LabVIEW Basics
- Introduction to Data Acquisition and Hardware concept.
- Data Logging
- Mechanical Sound and Vibration Measurement.
- Digital Image Processing (Image Vision)
- Biomedical Data Acquisition and Signal Processing.
- Embedded module for ARM controller

FACULTY

Sessions will be handled by experienced Professionals from Trident Techlabs.

TARGET PARTICIPANTS

Faculty, research scholars and PG students with relevant background can apply.

REGISTRATION DETAILS

PG Students / Research Scholars : Rs.400
Teaching faculty : Rs.500

Accommodation will be arranged in the college campus on payable basis.

DD should be drawn in favor of **KCG COLLEGE OF TECHNOLOGY**, payable at Chennai.

SCHEDULED DATES

Last date for receipt of Applications : 12.06.2015
Intimation of selection : 13.06.2015

K.C.G COLLEGE OF TECHNOLOGY
(Affiliated to Anna University Chennai)

**Two day workshop
on
LabVIEW Based System Design
for
Multidisciplinary Research Application**

19th -20th JUNE 2015

APPLICATION FORM

Name :

Sex : M / F

Designation :

Organization :

Address for
Communication :
(With mobile no)

E-Mail ID :

Qualification :

Experience :

Teaching : _____ Years

Others (Specify) : _____
Years

Need Accommodation* (Yes/No):

Demand Draft (DD) Details

Bank Name :

DD No. :

Date :