IMPORTANT DATES

Date for the receipt of
Applications   : 24.03.2011
Intimation of acceptance : 28.03.2011

PARTICIPATION

The ISTE student members of 3rd year from the following departments are eligible to participate in the **SEMINAR**.

*Electronics and Communication Engineering.
*Electrical and Electronics Engineering.
*Mechanical Engineering.
*Electronics and Instrumentation Engineering.

RESOURCE PERSON

Mr.K.Velmurugan
Department of Electronics and Communication
Engineering
Thiagaraja College of Engineering
Madurai.

CONTACT DETAILS

For queries or registration, please contact:
L.Meenakshi AP-2/ECE
Coordinator
Department of Electronics and Communication Engineering
K.L.N. COLLEGE OF ENGINEERING
Pottapalayam - 630 611
Sivagangai Dist, Tamil Nadu.

COURSE COVERAGE

1. Introduction to LabVIEW environment and its features
2. Graphical programming basics
   •Passing data and debugging
   •Loops
   •Timing and storing data
   •Arrays, clusters and Text based Nodes
   •Variables
   •State machines
   •Software development method
3. LabVIEW Modules and Toolkits
   •Embedded systems
   •Digital signal processing
4. Application of LabVIEW for research, engineering and testing environment

COURSE DETAILS

Date   : 29th March,2011

Timings   : 9.00 a.m to 3.00 p.m

Venue   : Mechanical Seminar Hall
              K.L.N. College of Engineering
              Pottapalayam.

NATIONAL INSTRUMENTS
LabVIEW

K.L.N. COLLEGE OF ENGINEERING

ISTE STUDENTS CHAPTER
ONE DAY SEMINAR
on
LABVIEW FOR BEGINNERS
29.03.2011

ISTE Faculty Advisor
Prof.V.Kejalakshmi

Convener
Dr.A.V.Ramprasad

Coordinators
S.Angelin Grace Stella   ASP-1/ECE
V.Muthuganesh AP-2/ECE
L.Meenakshi AP-2/ECE

K.L.N. COLLEGE OF ENGINEERING
Pottapalayam - 630 611
(11Km from Madurai City)
Tamil Nadu
Phone: 0452-2090971,2090972
Fax: 0452-2090070

http://www.klnce.edu

ABOUT THE INSTITUTE

K.L.N. College of Engineering is the First self-financing co-educational Engineering college in Madurai, started in 1994 by the philanthropists and well wishers in Sourashtra Community, which is a linguistic minority in Tamilnadu. This College is sponsored by the committee of eminent industrialist and academicians led by enthusiastic, educationalist and industrialist Amarar Thiru.K.L.N. Krishnan.

The Courses offered in K.L.N.C.E are approved by All India Council for Technical Education, New Delhi. It is an ISO 9001:2008 certified institution and affiliated to Anna University of Technology Madurai. This College offers Seven Undergraduate Programmes, Five Postgraduate Programmes in Engineering and Sciences.

ABOUT ISTE

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technological education.The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organisations. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The Ministry of Human Resource Development, CTE/DST/MIT/State Govts. are well associated with the ISTE for programmes relating to technical education.

LABVIEW

LabVIEW is a graphical programming environment used by millions of engineers and scientists to develop sophisticated measurement, test, and control systems using intuitive graphical icons and wires that resemble a flowchart. It offers unrivaled integration with thousands of hardware devices and provides hundreds of built-in libraries for advanced analysis and data visualization – all for creating virtual instrumentation.

How Can I Use NI LabVIEW?

Engineers and scientists use the LabVIEW graphical system design platform to meet a wide range of application challenges.

Acquiring Data and Processing Signals
  *Measure any sensor on any bus.
  *Perform advanced analysis and signal processing.
  *Display data on custom user interfaces.
  *Log data and generate reports.
Instrument Control
  *Automate data collection.
  *Control multiple instruments.
  *Analyze and display signals.
Automating Test and Validation Systems
  *Automate the validation or manufacturing test of your product.
  *Control multiple instruments.
  *Analyze and display test results with custom user interfaces.
Industrial Measurements and Control
  *Acquire high-speed measurements.
  *Connect to any system or programmable logic controller.
  *Implement mechatronics, machine design with application-specific tools.
Designing Embedded Systems
  *Reuse ANSI C and HDL code.
  *Integrate off-the-shelf hardware.
  *Prototype with FPGA technology.
  *Access specialized tools for medical, robotics, and more.

ISTE STUDENTS CHAPTER
sponsored
One Day SEMINAR
on
LABVIEW FOR BEGINNERS

REGISTRATION FORM

1.Name:

2.Department:

3.Year:

4.Address for Communication:

5.Mobile Number:

6.Email:

Date: Signature

Recommendation from the Head of the Department

This is to certify that

Mr./Ms. _____

of_____
is permitted to Participate in the one day SEMINAR on "LABVIEW FOR BEGINNERS" on 29,March'2011 at K.L.N. College of Engineering, Pottapalayam, Sivangai Dt.

Date: Signature