

## SPONSORSHIP CERTIFICATE

Certified that Mr./Mrs. -----  
----- is an employee of our institution and  
he/she is hereby sponsored for above training programme.  
The applicant will be permitted to attend the course, if selected.

Place: \_\_\_\_\_ Signature of the  
Date: \_\_\_\_\_ sponsoring authority

(Office Seal)

## COMMUNICATION & REGISTRATION

Dully filled in application along with registration fee may be sent by post to the address mentioned below not later than 22/7/2010.

### **Coordinators**

Dr.K.P Indiradevi ,Prof. & HOD  
Electronics & Communication Engineering Dept.  
Govt.Engineering College, Thrissur  
Contact No.: 9447422212  
K.A Navas, Asst. Professor  
Electronics & Communication Engineering Dept.  
Govt.Engineering College,Thrissur  
Contact No.:9447154654  
Roy Francis, Lecturer,  
Electronics & Communication Engineering Dept.  
Govt.Engineering College,Thrissur  
Contact No.:9447154654  
Email id :sttplabview@gmail.com

**Three Days STTP on LabVIEW - Time Table**

Date	9.00 -9.30AM	9.30-10.00AM	10.15-11.00 AM	11.00-12.15 PM	1.15-2.45 PM	3.00-5.00 PM
4-8-2010	Registration	Inauguration	T E A B R E A K			LabVIEW Programming Basics (Comparator, Search Help, Examples)
5-8-2010	LabVIEW Programming Basics (while loop, FOR loop, Case Structure)	Virtual Instrumentation in Engineering Education		Simulation using Control Design toolkit and LabVIEW	LabVIEW Programming Basics (Front panel, Block Diagram, Numeric, Boolean)	FPGA modules and hardware Experiments
6-8-2010	Simulation using Signal processing toolkit and LabVIEW	Experiments in signal processing using SPEEDY 33	L U N C H B R E A K			Test ,Certificates Distribution, Feedback collection and Valedictory

## **Short-Term Training Programme**

On

## **HANDS ON TRAINING ON LABVIEW FOR IMAGE PROCESSING & EMBEDDED SYSTEMS**

**4<sup>th</sup> August to 6<sup>th</sup> August 2010**

*Organized by*

**Department of  
Electronics & Communication Engineering**

*Sponsored by:*

**Director of Technical Education, Kerala**



**Government Engineering College  
Thrissur, Kerala, India.**

**Pin: 680009**

**Ph:+91-487-2334144**

## ABOUT THE INSTITUTE

The Government Engineering College, Thrissur is one of the most prestigious institutions under Technical education in Kerala. The foundation stone of the college was laid by late Pandit Jawaharlal Nehru, the first prime Minister of India on 26<sup>th</sup> April 1958. The college is located at Ramavarmapuram, 5 km away from Thrissur town and 6 km from the railway station. The college is offering undergraduate courses in eight branches of Engineering, post-graduate and doctoral courses in many disciplines. The Department of Electronics and Communication Engineering was established in the year 1983.

## ABOUT THE COURSE

LabVIEW (Laboratory Virtual Instrument Engineering workbench) is a highly productive graphical development environment (GDE) with the performance and flexibility of a programming language, as well as high-level functionality and configuration utilities designed specifically for measurement and automation applications. LabVIEW uses icons instead of lines to create applications. In contrast to text based programming languages, wherein instructions determine program execution, LabVIEW uses dataflow programming, where the flow of data determines execution. Its graphical nature makes it ideal for test and measurement, instrument control, data acquisition and data analysis applications. This results in significant productivity improvements over conventional programming languages.

## COURSE CONTENT

- ◆ Introduction of LabVIEW environment and its features
- ◆ LabVIEW Basics Programming (programming structures and data types, editing and debugging techniques, creating VI and sub VI, display and log data)
- ◆ Digital Signal & Image Processing
- ◆ Embedded System Design
- ◆ Data acquisition and Control
- ◆ Experiments in signal processing using SPEEDY 33

## RESOURCE PERSONS

Recourse persons are from Trident Techlabs Ltd, authorized distributor of National Instruments, Bangalore and experienced faculty from various engineering colleges.

## WHO CAN APPLY?

All faculty members from engineering colleges approved by AICTE can apply. Since the STTP is an interdisciplinary programme, all faculty members are eligible.

## REGISTRATION FEE

Registration fee for faculty from Self financing Engineering Colleges : Rs.750/-(non-refundable)

Registration fee for faculty members of Government/ Aided / Govt. controlled Engineering Colleges: Nil

## HOW TO APPLY?

Registration form is available in our website:  
[www.gectcr.edu](http://www.gectcr.edu)

Duly filled registration forms should be sent to the following emails.

[sttplabview@gmail.com](mailto:sttplabview@gmail.com)

## FACILITIES

Accommodation will be arranged on prior request from participants. Lunch and refreshments will be provided on all days. TA will be paid to the faculty members from Government / Aided Engineering Colleges.

## DATES TO REMEMBER

Last date of receipt of application: **22<sup>th</sup> July 2010**

Intimation of selection: **23<sup>th</sup> July 2010**

Confirmation from participants: **26<sup>th</sup> July 2010**

Commencement of course: **4<sup>th</sup> August 2010**

## REGISTRTION FORM

**DTE SPONSORED STTP on**

**HANDS ON TRAINING ON LABVIEW FOR IMAGE PROCESSING & EMBEDDED SYSTEMS**

**4<sup>th</sup> August to 6<sup>th</sup> August 2010**

**Department of ECE, GEC Thrissur**

Name :

Age :

Sex : Male/Female

Qualification :

Designation :

Department :

Institution :

Address for communication:

Accommodation required: Yes/No

Phone :

Email :

## DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the STTP. I also undertake the responsibility to inform the coordinator, in case I am unable to attend the course. I am ready to accept any minor changes in the schedule.

Place:

Date :

Signature of  
the Applicant