

## Three-Day Basic Level Training on LabVIEW and NI Hardware in Association with VI Solutions and NI

**During  
5 - 7 October 2017  
Registration Form**

Name:

Gender:

Institution/Organization:

Qualification:

Designation:

Email ID:

Phone Number:

Official Contact Address:

Date:

Place:

Signature of Applicant

Signature & office seal with date of  
Head of the Institution/Organization

### Patrons

Prof. P.S. Raju, Director, GRIET  
Dr. J. N. Murthy, Principal, GRIET  
Dr. K.V.S. Raju, SAO, GRIET  
Dr.T Jagan , Professor, HOD ECE, GRIET

### Convener

Dr. Ayyem Pillai V, Professor ECE

### Organising Committee Members

Mr GVS Reddy, Associate Professor ECE, GRIET  
Mr KNV Khasim, Assistant Professor ECE, GRIET  
Ms B Shilpa, Assistant Professor ECE, GRIET  
Ms V Jyothi Sree, Assistant Professor ECE, GRIET  
Mr P Sampath Krishna Reddy, Assistant Professor  
ECE, GRIET  
Ms. J Naga Jyoshna, Assistant Professor ECE,

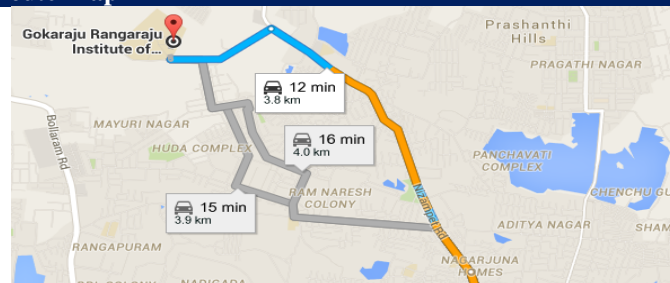


### Contact

Ms. J Naga Jyoshna, Assistant Professor-8074653692,

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

### Route Map



## Three-Day Basic Level Training on LabVIEW and NI Hardware in Association with VI Solutions and NI

**During  
5 - 7 October 2017**



**Organised by  
Department of Electronics and  
Communication Engineering**

**Gokaraju Rangaraju Institute of  
Engineering and Technology  
(Autonomous)  
Bachupally, Hyderabad-90**

## About the Institution

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is a premier institute established in 1997 under the patronage of the Gokaraju Rangaraju Educational Society. The Departments under which various programmes are run at this institute are, departments of Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Computer Science and Engineering (CSE), Information Technology (IT), Mechanical Engineering (ME), Civil Engineering (CE), Biomedical Engineering (BME) and Bio-Technology (BT), Management.

Undergraduate Programs are offered by departments of ECE, EEE, CSE, IT and ME. The Institute also offers MCA and MBA Programs. GRIET is affiliated to JNTU, Hyderabad, and is approved by AICTE. Programmes of departments of ECE, EEE, BT, CSE, IT and MCA are accredited by the NBA and the institute is accredited by NAAC.

## About the Department

The Department of Electronics and Communication Engineering was established in the year 1997.

The Department has well-equipped Labs such as Communication Lab, Micro Controller Lab, Digital Signal Processing Lab, Microwave & Optical Communication Lab, e-CAD & VLSI Lab. The Department has highly qualified faculty with vast experience in their fields. The department has a good number of faculty, who have experience in academics and industry.

## About and Importance of the training

LabView is a graphical programming language which can be used for not only simulation but also for building real-world systems in association with NI modules. Labview software is very much relevant to Electronics and Communication Engineers. There are many ECE-related modules in LabView. Some of them are, LabView FPGA module, LabView Real-Time Module, LabView embedded module for ARM controllers, LabView wireless sensor modules, LabView C generator modules, digital filter design toolkit etc. This software can be used by ECE UG and PG students for their projects. Also, this software will help much for research because of easiness in programming. This workshop will make the trainees ready for taking up the first level LabVIEW examination called CLAD. The entire training will be hands on.

## Topics to be covered in the training

1. Introduction to LabVIEW, Starting to use LabVIEW  
Creation of Sub VI and Trouble shooting and debugging, Loops and Graphs
2. Loops, Case Structure, Sequence structure and Event structure
3. Working with Data-Array, string and cluster
4. Design Techniques--Forcing program flow, Shift register, State programming architecture, multiple loops and parallel programming and template, File I/O, local and global variables and Tips and tricks
5. Introduction to My DAQ, MyRIO and interfacing of LabVIEW with these.

## Resource Persons

Dr Ayyem Pillai V, Professor ECE, GRIET

Mr GVS Reddy, Associate Professor ECE, GRIET

Mr KNV Khasim, Assistant Professor ECE, GRIET

Ms B Shilpa, Assistant Professor ECE, GRIET

Ms V Jyothi Sree, Assistant Professor ECE, GRIET

Mr P Sampath Krishna Reddy, Assistant Professor ECE, GRIET

Mr. Rajkumar, Senior Application engineer, VI Solutions, Bangalore

## Registration

Participants should confirm their interest on or before 3 Oct 2017.

Training Dates: **5 - 7 Oct 2017**

**Fee: Rs. 650.**

## How to Apply

The applicants are required to submit hardcopy of registration form.

**Department of Electronics and Communication Engineering**  
**Email: [jyoshnajetty@gmail.com](mailto:jyoshnajetty@gmail.com)**