

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is a premier institute established in 1997 under the patronage of Gokaraju Rangaraju Educational Society. There are six B. Tech and nine M. Tech programmes run by this institute. The B. Tech programmes are CE, CSE, ECE, EEE, IT and ME. The M. Tech programmes are CSE, DFM, ES, PE, PS, Sf. E, St. E, TE and VLSI. The college is affiliated to JNTUH, Hyderabad, approved by AICTE. The college has accreditation of NAAC and its all UG programmes are NBA-Accredited.

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. Software defined radio lab and R&D Lab.. The Department has highly qualified faculty with vast experience in various fields. The department has software tools like Cadence, MATLAB, CST Studio Suite, Antenna Magus, LabVIEW, Analog Discovery and Multisim.

LabVIEW is a graphical programming language which can be used for simulation and integrating with NI and third party hardware modules for building real word applications. There are many communication and control - 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 not only ECE but also EEE and other UG and PG programmes students for their projects. Also, this software is helpful for research because of easiness in programming.



The NI **MyDAQ** is a low-cost portable data acquisition (DAQ) device that uses NI LabVIEW-based software instruments, allowing students to measure and analyse real-world signals. Combined with NI LabVIEW on the PC, students can analyse and process acquired signals and control simple processes anytime, anywhere.

MyRIO is a real-time embedded evaluation board made by National Instruments. It is used to develop applications that utilize its onboard FPGA and microprocessor.



NI Universal Software Radio Peripheral (USR2P) is computer-hosted RF transceivers used for development and exploration of software-defined radios.



This training will make the trainees ready for taking up the first level LabVIEW examination called CLAD. The entire training will be hands on.

Training topics include...

- Graphical System Design Using NI's LabVIEW
- LabVIEW Programming concepts: Loops, Registers, Arrays and Clusters
- LabVIEW Programming Concepts: Strings, Graphs and Charts, Booleans and File IO, Event Structure
- Programming Architecture: Notifires, Ques, State machines and Semaphones
- LabVIEW Application Development and Installer Creations
- LabVIEW Integration with MyDAQ
- LabVIEW Integration with MyRIO
- Discussion on CLAD topics and solving CLAD papers certification course and placement opportunities

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Registration

Interested persons are requested to email details to v.ayyempillai@griet.ac.in

Last Date 20 August, 2018

Fee

Faculty: Rs. 1700
Students/ full-time scholars: Rs. 1700/1400*
*Previously trained

Registration fee includes workshop fee, working lunch and snacks

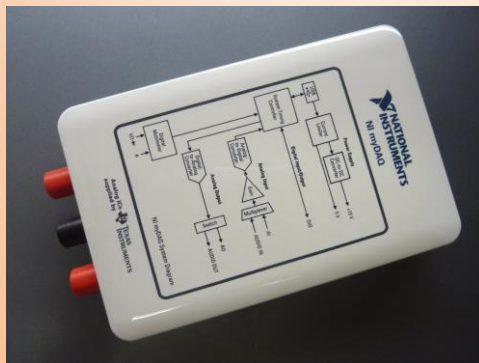
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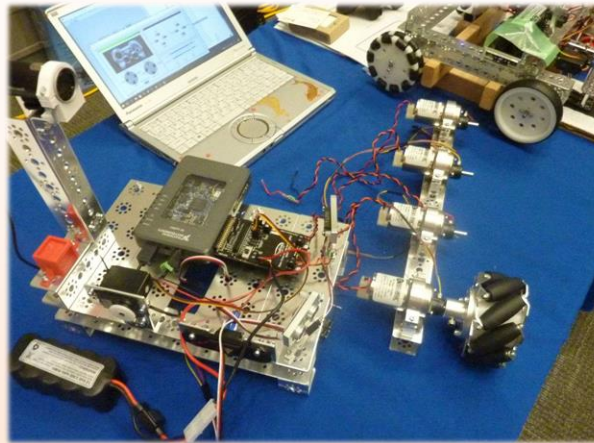
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LabVIEW Core 1 and Core 2 Training & NI CLAD Certification Programmes

20 - 25 Aug 2018 Core 1 and Core 2 Training
17 - 19 Sep 2018 CLAD-Based Training
20 Sep 2018 Online CLAD Examination



Organised by
Department of Electronics and Communication
Engineering

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