

# Centre of Excellence in Virtual Instrumentation by LabVIEW Academy School

EIE Youtube Channel Link for LabVIEW Academy Video

<https://www.youtube.com/watch?v=NAATABh91o>



Hindusthan College of Engineering and Technology  
Coimbatore, Tamil Nadu

is hereby certified to be an official

**NI LabVIEW Academy School**



Awarded on October 19, 2016



Dr. James Truchard  
CEO & President  
National Instruments

***Hindusthan College of Engineering and Technology recognized as LabVIEW Academy School by National Instruments, USA in the occasion NI DAYS 2016.***

HICET-NI LabVIEW Academy is established in 2016 with two CLAD certified trainers Mr.E.Gowthaman, AP/EIE, Mr.R.Vinoth Kumar, AP/EIE aspired to enhance student's skill and upgrade their hands on experience in this domains.

The NI LabVIEW (short for Laboratory Virtual Instrumentation Engineering Workbench) Academy is a tailored version of an internationally recognized curriculum created by National Instruments (NI) - one of the world's leading providers of software and hardware for measurement and control. The first of its kind in Coimbatore, Tamilnadu, this program aim to bring industry and academia closer together.

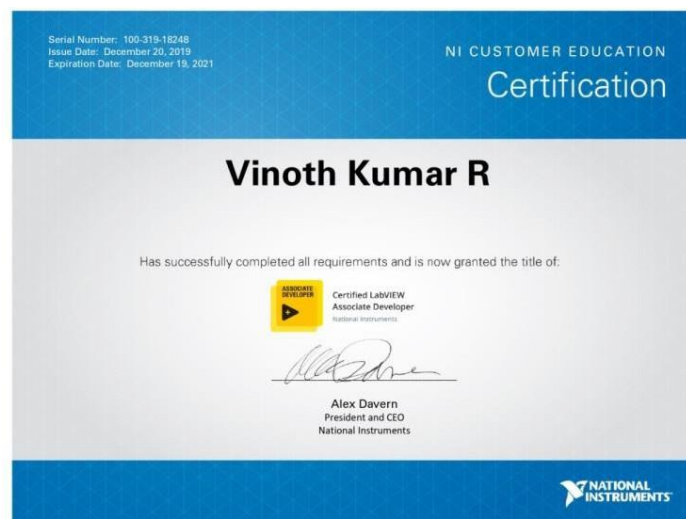
LabVIEW is powerful system design software built specifically for tasks performed by engineers and scientists. LabVIEW inspires you to solve problems, accelerates your productivity, and gives you the confidence to continually innovate. In close collaboration with industry, this innovative program has been designed to bridge the recognized gap between state-of-the-art technology, academia and current industry requirements in the area of applied instrumentation. It will be suitable for all technological disciplines including mechanical, electrical and biomedical engineering.

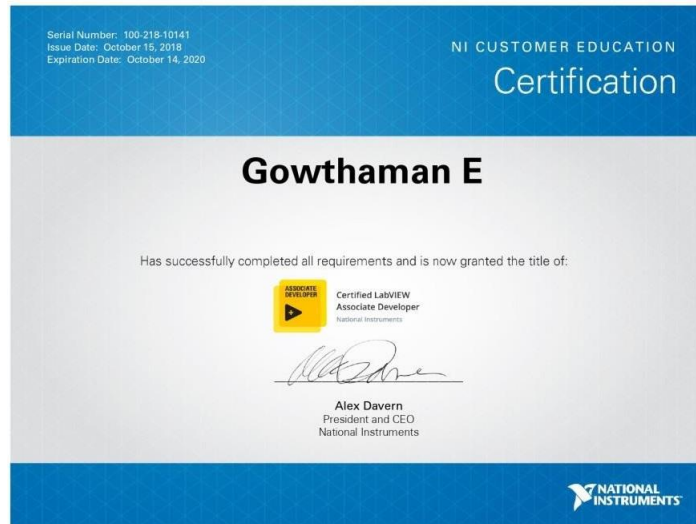
**HICET-NI LabVIEW Setup:** LabVIEW Laboratory is fully equipped with the latest setup.

- Intel C2D based desktop computers: 50 No.
- LabVIEW 2014 licenses software
  - USB based hardware: CDAQ-9174
  - NI 9219, NI 9263, NI 9421, NI 9472
  - NI ELVIS -II
  - MyDAQ
  - MyRIO etc.

**Certified LabVIEW Trainers:**

Mr.E.Gowthaman, AP/EIE and Mr.R.Vinoth Kumar, AP/EIE are certified LabVIEW Associate Developer



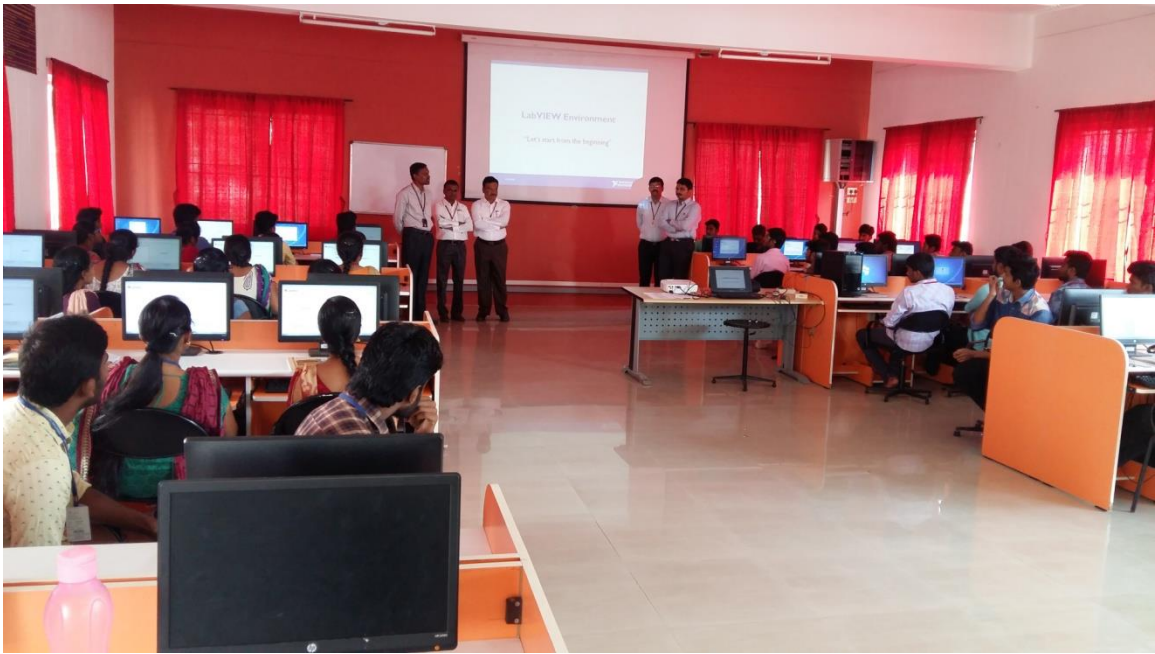


### Activities Run By Academy:



**45 candidates obtained globally recognized NI-Certified LabVIEW Associate Developer (CLAD) Certification.**

- Encourages students to publish their LabVIEW based research paper in reputed conferences and publications,
- Assisting and successfully placed few of the trained students in various reputed industries. (Captronic Systems, RenoTEQ and etc)
- Always in touch with the most of the LabVIEW expertise from different organization to update academy training curriculum.
- Invites industry expert to share their experiences and knowledge with our students.



**Inclusion of LabVIEW in Academic Curriculum:** Different LabVIEW experiments included in academic curriculum:

- Multi-channel temperature measurement with data logging.
- Process automation and data acquisition using LabVIEW.
- Simulating various digital circuits using LabVIEW.