

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
VR SIDDHARTHA ENGINEERING COLLEGE, VIJAYAWADA

07-04-2021.

A Brief Report on
WORKSHOP ON "NI CERTIFIED LabVIEW ASSOCIATE DEVELOPER"
CERTIFICATION

15-02-2021 to 19-02-2021 (Offline)

29-03-2021 to 03-04-2021 (Online)



NI CERTIFIED LabVIEW ASSOCIATE DEVELOPER (CLAD) is the first level of global certification offered by National Instruments (NI). Identifying the demand for the certified people in present industrial scenario, we planned to conduct a workshop to train the faculty and students to prepare for the CLAD certification. We invited the resource person from VI solutions, Bangalore, the training partner of National Instruments for this workshop. The Training was scheduled in two slots. First slot is from 15-02-2021 to 19-02-2021 (Offline) to provide training on fundamental concepts and the second slot is from 29-03-2021 to 02-04-2021 (Online) to provide training on advanced concepts to prepare the participants for CLAD certification. A total of twenty technical sessions were conducted to train the fifty participants in the workshop.

Date	FN- 09:00A.M to 1:00 P.M	AN- 2:00 P.M to 5:00 P.M
15-02-2021	LabVIEW Environment	Data Types, Data flow Programming
16-02-2021	For Loop, While Loop	Timing a VI
17-02-2021	Case Structures, Sub VI's	Event Structures
18-02-2021	Sequence Structures	Feedback Nodes
19-02-2021	Arrays and Array Operations	Clusters and Cluster Operations
29-03-2021	Strings and Operations on Strings	Debugging a VI and Error Clusters
30-03-2021	Express VI's, Data Acquisition	Design Patterns
31-03-2021	Device Driver development	File I/O
01-04-2021	VI development for data acquisition	Sample Test 1, Discussion on solutions
02-04-2021	Sample Test 2, Discussion on solutions	Sample Test 3, Discussion on solutions

Outcome: 50 Participants were trained in the workshop to take up CLAD certification, two students got placed in Optomech Pvt., Ltd., Hyderabad.