DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Report on Introduction to Lab view workshop conducted on 24.10.2013 to 25.10.2013

A Three day workshop on LabVIEW was conducted for the faculty members by the Department of electronics and Communication of MVJ College of engineering. The training was given by Mr. Rakesh Kumar, Senior Application Engineer and Mr. Prashanth, Application Engineer from NI LabVIEW. 30 Faculty members from the Department of electronics & Communication and Medical Electronics attended the training. The Workshop was interactive and had both theory and practical sessions. On the first day, introduction about virtual instrumentation and graphical system design was given. Different types of controls and indicators were introduced. On the second day of workshop basics of LabVIEW, programming using structures, arrays, clusters, numeric, Boolean etc were discussed. The faculty members practiced basic programs like Fibonacci series, matrix multiplication, sorting and De-sorting arrays.

File input output processing was covered in the last day of workshop. Logic circuits like half adder, Full adder, 4:1 multiplexer, counters, shift registers etc and Amplitude modulation were executed using LabVIEW. Some assignments using water tank and timer were given by tutors and executed by the faculty members. The Concept of Local variable was also introduced. Creation of Sub VI, documentation and instantiation of Sub VI were also learnt .Introduction of ELVIS kit and Data acquisition was given in the last session. Faculty members were advised to do mini project at the end of core1 LabVIEW Workshop.

Principal Signature with Seal

Principal
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