

LabVIEW Campus License at Institute Computer Centre, IIT Roorkee (since March 2009)

NI LabVIEW 8.6 software from National Instruments is meant for engineers and scientists to design, prototype, and deploy systems for test, control, and embedded design applications using NI open graphical programming software and modular hardware.

The National Instruments Academic Site License is for classrooms, teaching and research labs, and for design projects. It's a comprehensive software for academic application area - controls, signal and image processing, measurements, circuit design, embedded systems, and communications. The various modules and toolkits applicable to different Engineering domains are listed below:

- NI LabVIEW 8.6 Core containing:
 - LabVIEW Professional Development System (PDS) 8.6
 - LabVIEW Control Design and Simulation Module 8.6
 - System Identification Toolkit 4.0
 - Digital Filter Design Toolkit 8.6
 - Modulation Toolkit 4.1
 - LabVIEW SignalExpress 3.0
 - NI Circuit Design Suite 10.1 (evaluation)
 - NI Vision Development Module 8.6
 - NI Vision Builder for Automated Inspection (AI) 3.6
 - Vision Acquisition software 8.6
 - Device drivers - November 2008
- LabVIEW PDS for Mac OS 8.6
- LabVIEW PDS for Linux® OS 8.6
- Extended Development Suite containing:
 - NI LabWindows™/CVI Full Development System (FDS) 9.0
 - LabWindows/CVI Real-Time Module 9.0
 - LabWindows/CVI Toolkits (Enterprise Conn, SQL, SPC)
 - LabWindows/CVI Signal Processing Toolkit 7.0.1
 - LabWindows/CVI Spectral Measurements Toolkit 2.4
 - LabWindows/CVI PID Toolkit 2.1
 - NI Measurement Studio Enterprise Edition 8.6
 - Measurement Studio PID Control Toolkit 1.0
 - Measurement Studio Automation Symbols Toolkit 1.0
 - NI DIAdem Professional 11.0
 - LabVIEW VI Analyzer Toolkit 1.1.1
 - Report Generation Toolkit for Microsoft Office 1.1.3
- Control Design and Embedded Systems Software Option —
 - LabVIEW FPGA Module 8.6
 - LabVIEW Real-Time Module (ETS) 8.6
 - LabVIEW Real-Time Execution Trace Toolkit 2.0.1
 - LabVIEW Datalogging and Supervisory Control (DSC) Module 8.6
 - LabVIEW Mobile Module 8.6
 - NI LabVIEW Embedded Module for ADI Blackfin Processors 8.6
 - LabVIEW Simulation Interface Toolkit 5.0
 - NI MATRIXx 8.1.1 (includes SystemBuild, AutoCode, and Xmath)
 - LabVIEW Statechart Module 8.6
 - LabVIEW Math Interface Toolkit 1.0.2
 - NI SoftMotion Development Module 2.2
 - NI Motion Assistant 2.3
 - LabVIEW PID Control Toolkit 8.6
 - LabVIEW Adaptive Filter Toolkit 1.0
 - NI-DAQmx Base 3.2
- Signal/Image Processing and Communications Software Option —
 - LabVIEW DSP Module 8.6
 - LabVIEW FPGA Module 8.6
 - LabVIEW Spectral Measurements Toolkit 2.4
 - LabVIEW Advanced Signal Processing Toolkit 8.6
 - LabVIEW Sound and Vibration Measurement Suite 6.0