

University, Solapur

School of Physical Sciences

Certificate course on LabVIEW

Total Hrs: 60 (Theory-20 & Practical 40)

Chapter I Introduction

10

Introduction to LabVIEW, Software Environment, creating & saving a VI, front panel toolbar, block diagram toolbar, shortcut menus, property dialog boxes, front panel controls and indicators, block diagram, data types.

Chapter II LabVIEW Programming

10

Modular programming, repetition and loops, arrays, clusters, plotting data, structures, strings and file I/O.

Chapter III LabVIEW Programming (Lab Course)

40

Different examples on Modular programming, repetition and loops, arrays, clusters, plotting data, structures, strings and file I/O, NI-myDAQ & NI-USB 6009 interacting with different sensors and motor control.