

LESSON PLAN

Name of the Faculty : Mr. MAHAVIR
Discipline : Electrical Engineering
Semester : 5th
Subject : Computer Applications in Electrical Installations (CAEI)
Lesson Plan duration : 15 weeks (07.09.2020 to 24.12.2020)
Work load per week : Lecture-00 and Practical-02

WEEK	PRACTICAL NO.	PRACTICAL NAME
1 st	1 st 1.1	MATLAB and SCILAB Introduction to MATLAB, MATLAB Programming – input/output,
2 nd	1.2	Types of graphs and functions
3 rd	1.3	Types loops and Structures
4 th	1.4	MATLAB Simulink.
5 th		Programing and Simulation Problems and their solutions
6 th		Revision/ File Checking
7 th		Viva-Voce
8 th	2 nd 2.1	LABVIEW Introduction to LabVIEW
9 th	2.2	Graphical Programming using LabVIEW including creation of VIs, sub VIs,
10 th	2.3	Structures, arrays, clusters, charts and graphs, strings, File I/Os.
11 th	2.4	Practice on NI ELVIS and other DAQ hardware
12 th		Revision/ File Checking
13 th		Viva-Voce
14 th	3 rd 3.1	EPAN Utility of EPAN Software
15 th		Revision/ Viva-Voce/ File Checking