

LESSON PLAN

Name of the Faculty : Mr. MAHAVIR
Discipline : Electrical Engineering
Semester : 3rd
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 |