

INDUSTRIAL ELECTRONICS AND CONTROL OF DRIVES LESSON PLAN (PRACTICAL)

Faculty : Mr. Gulvender
Discipline : Electrical Engineering
Semester : 5th Semester
Subject : INDUSTRIAL ELECTRONICS AND CONTROL OF DRIVES
Duration : 16 Weeks (One Group)

Week	Practical Day	Topic
1	1	V-I characteristics of SCR
2	2	V-I characteristics of TRIAC
3	3	V-I characteristics of DIAC
4	4	V-I characteristics of UJT
5	5	UJT relaxation oscillator waveform
6	6	Single phase half controlled full wave rectifier on CRO
7	7	Single phase full controlled full wave rectifier on CRO
8	8	Illumination control using SCR/TRIAC
9	9	Speed control of DC shunt/universal motor
10	10	Fan speed regulator using TRIAC
11	11	Battery charger using Thyristor
12	12	Testing and Installation of UPS
13	13	Revision / Repeat Practical
14	14	Record File Checking
15	15	Mock Viva
16	16	Final Practical & Viva