

LESSON PLAN

Discipline: Elect. Engg.	Semester: Fifth (5 th)	Name of the Lab I/C: Er S P Panda
Subject: Power Etc. & PLC Lab	No. of days/week class allotted: Three (3)	Semester from Date: 15.09.22 to Date: 22.12.22 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	Study of V.I characteristics of SCR
	2 nd	
	3 rd	
2 nd	1 st	Review Class
	2 nd	
	3 rd	
3 rd	1 st	Study of V.I characteristics of TRIAC
	2 nd	
	3 rd	
4 th	1 st	Study of V.I characteristics of DIAC
	2 nd	
	3 rd	
5 th	1 st	Study of drive ckt for SCR and TRIAC Using DIAC
	2 nd	
	3 rd	
6 th	1 st	Review Class
	2 nd	
	3 rd	
7 th	1 st	Study of drives ckt for SCR and TRIAC Using UJT
	2 nd	

	3 rd	Review Class
8 th	1 st	To study phase-controlled bridge rectifier Using resistive load
	2 nd	
	3 rd	
9 th	1 st	Review Class
	2 nd	
	3 rd	
10 th	1 st	To study series inverter
	2 nd	
	3 rd	Review Class
11 th	1 st	To study voltage source inverter
	2 nd	
	3 rd	Review Class
12 th	1 st	To study 1-phase cyclo-converter
	2 nd	
	3 rd	Review Class
13 th	1 st	Study of switching characteristics of power Transistor
	2 nd	
	3 rd	Review Class
14 th	1 st	Revision
	2 nd	
	3 rd	
15 th	1 st	Revision
	2 nd	
	3 rd	