

LESSON PLAN

Discipline: Elect. Engg.	Semester: Fourth (6 th)	Name of the Lab I/C: Er. S. S Dash
Subject: Electrical Workshop practice (Pr 1)	No. of days/week class allotted: Three (3)	Semester from Date: 16.01.24 to Date: 26.04.24 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	Connection and Testing of fluorescent lamp, high pressure M.V. Lamp, and sodium vapour lamp, metal halide lamps, CFL and latest model lamps – measure inductance of each choke.
	2 nd	
	3 rd	
2 nd	1 st	Review Class
	2 nd	
	3 rd	
3 rd	1 st	Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity)
	2 nd	
	3 rd	
4 th	1 st	Identification of single core (SC), twin core (TC), three cores (3C), four cores(4C); copper and aluminum PVC, VIR wire and prepare Britannia T-joint and Married joint.
	2 nd	
	3 rd	
5 th	1 st	Fault finding & repairing of Ceiling fan-prepare an inventory list of parts
	2 nd	
	3 rd	
6 th	1 st	Cutting copper and aluminum cable and crimping lug to them from 2.5mm ² to 6mm ² cross section.
	2 nd	
	3 rd	
7 th	1 st	Find out fault of D. C. motor starter and A.C. Motor Starter-

	2 nd	prepare inventory list of parts used in different starters.
	3 rd	
	1 st	
8 th	2 nd	Review Class
	3 rd	
	1 st	
9 th	2 nd	Dismantle, over haul and assemble a single-phase induction motor. test and run it-prepare an inventory list
	3 rd	
	1 st	
10 th	2 nd	Overhaul of single phase/3 phase Variac
	3 rd	
	1 st	
11 th	2 nd	Find out fault of D.C. Generator, repair and test it to run.
	3 rd	
	1 st	
12 th	2 nd	Erection of residential building wiring by CTS and conduit wiring system using main two points and test installation by test lamp method and a megger
	3 rd	
	1 st	
13 th	2 nd	Review Class
	3 rd	
	1 st	
14 th	2 nd	Revision
	3 rd	
	1 st	
15 th	2 nd	Revision
	3 rd	
	1 st	