

## Lesson Plan

Subject ELP (Code) PR-1 Name of faculty Suresh Chandra Mahanta  
 Semester 6th Class allotted GP/week Branch : ELECTRICAL

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	14/12/23	Identification of single core (Sc),		
	+0	Twin Core (Tc), three cores (Bc),		
	17/12/23	four cores (C), COPPER and ALUMINIUM, PVC, VIR & weather proof (WP) wire and Prepare Britanna T-Joint and married Joint.		
2	20/12/23	Crimping of Copper and aluminium		
	+0	Cable and Crimping of lead to them		
	25/12/23	from 2.5 mm <sup>2</sup> to 6 mm <sup>2</sup> cross Section.		
3	27/12/23	Connection and testing of		
	+0	Fluorescent tube light, high		
	4/1/24	Pressure M.V. Lamp, Sodium lamp, MH Lamp, CFL and latest model lamps - measure Inductance, Lux/Lumens in each case - Prepare		
4	6/1/24	study battery charger and make		
	+0	charging of lead acid battery. (relead		
	11/1/24	charging voltage, current and specific gravity).		
5	13/1/24	Erection of residential building		
	+0	wiring by CTS and conduit wiring		
	18/1/24	system using main two points and test installation by test lamp method and a megger.		
6	20/1/24	Fault finding & repairing of		
	+0	celling fan - Prepare an inventory		
	25/1/24	list of parts.		
7	27/1/24	Find out fault of D.C		
	+0	generator, repair and		
	31/1/24	test it to run.		

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Week	Date Period	Theory: Practical - Topics/Lesson	Teaching Aid
8	3/4/23 to	Find out fault of D.C. motor starters and A.C. motor starter	
	8/4/23	Prepare an inventory list of parts used in different starters.	
9	10/4/23 to	Dismantle, over haul and assemble a single phase induction motor.	
	15/4/23	Test and run it - Prepare an inventory list.	
10	17/4/23 to	Dismantle over haul and assemble a three phase squirrel cage and phase wound motor.	
	21/4/23	Test and run them.	
11	24/04/23 to	Overhaul a single phase and 2-phase variac.	
	29/4/23		
12	1/5/23 to		
	6/5/23		
13	8/5/23 to		
	13/5/23		
14	15/5/23 to		
	20/5/23		
15	22/5/23 to		
	23/5/23		

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