

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: <u>Elect. Engg</u>	Semester: <u>6th</u>	Name of the Teaching Faculty: <u>Anand Kumar Mahapatra</u>	Date: _____
Subject: <u>EW</u>	No. of days per week: _____ Class Allotted: <u>6/week</u>	Semester from Dt. <u>14/02/2023</u> to Dt. <u>23/03/2023</u> No. of Weeks: <u>15</u>	
Week	Class Day	Theory / Practical Topics	
1st	1st day	- Identification of Single Core (SC), Twin Core (TC), Three Core (3C) & Four Core (4C), Copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britania T Joint and married joint.	
	2nd day	- Coating Copper and aluminium Cable and crimping lug to them from 2.5mm to 6mm Cross Section.	
2nd	1st day	- Connection and testing of fluorescent tube light, HPMV Lamp, HPSV Lamp, CFL and latest mode lamps, measure Inductance, Lux/Lumens (intensity of illumination) in each case prepare Lux table.	
	2nd day	- Study Battery charger and make charging of lead acid battery (record charging voltage current and specific gravity)	
3rd	1st day	- Erection of residential building wiring by CTS and Conduit pipe wiring system using two main joint and test the installation by test lamp method or megger.	
	2nd day	- Fault finding and repair of Ceiling fan. prepare an inventory list of parts	
4th	1st day	- Find out the fault of DC motor starter and AC motor starter, prepare an inventory list of parts used on different starters.	
	2nd day	- Dismantle, Overhaul and assemble a single phase induction motor, test and record it.	
5th	1st day	- Dismantle, overhaul and assemble a 3- ϕ induction motor, test and record it.	
	2nd day	- Overhaul a 1- ϕ and 3- ϕ motor.	
6th	1st day		
	2nd day		
7th	1st day		
	2nd day		
8th	1st day		
	2nd day		
9th	1st day		
	2nd day		
10th	1st day		
	2nd day		