

Govt. Polytechnic Panchkula
Electrical Engineering Department
Lesson Plan

Name of the Faculty		Visiting Faculty
Discipline		Electrical Engineering
Semester		3rd
Subject		EEDD-I
Lesson Plan Duration		From Sep 2020 to Dec 2020
Work Load (Theory/Practical) per week /3hours		(Theory 00 / Practical 06) (Group1+group2)
Week	Day	Practical
1st	1	Unit 1 : Introduction Symbols and Signs Conventions
	2	Drawing sheet1: Various Electrical Symbols used in Domestic and Industrial Installation and Power System
2nd	1	Unit2: Wiring diagram introduction , Drawing sheet2 :Wiring Diagram of light
	2	Drawing sheet: Wiring Diagram of fan
3rd	1	Drawing sheet: Wiring Diagram bell and alarm circuits
	2	Drawing sheet: Wiring Diagram Staircase
4th	1	Drawing sheet: Wiring Diagram go down wiring
	2	Checking and correction in Drawing sheet
5th	1	Unit 3: Introduction Panels/Distribution Boards
	2	Two Drawing sheet : panels/Distribution board using MCB and EICB and change over switches for domestic installation
6th	1	Drawing sheet: industrial and commercial installation
	2	Checking and correction in Drawing sheet
7th	1	Unit4: Introduction to orthographic projections of Simple Electrical Parts
	2	Drawing sheet of Bus bar post/ Kit Kat
8th	1	Drawing sheet of Pin type and shackle type insulator (Pin Type 11kV/66kV)
	2	Checking and correction in Drawing sheet ,1st Sessional Test
9th	1	Drawing sheet of Bobbins of a small transformer / choke
	2	Drawing sheet of Stay insulators/Suspension type insulators
10th	1	Checking and correction in Drawing sheet
	2	Drawing sheet of Rotor of a squirrel cage induction motor
11th	1	Drawing sheet of Motor body (induction motor) as per IS Specifications (using outside dimensions)
	2	Checking and correction in Drawing sheet
12th	1	Drawing sheet of Slip rings of 3-phase induction Motor

	2	Drawing sheet of Stator of 3 phase Induction motor (Sectional View) ,Second Sessional test
13 th	1	Checking and correction in Drawing sheet
	2	Unit 5: Introduction to AutoCAD Drawing sheet1 Prepare wiring diagram and block diagrams for circuits/systems using any Engineering Graphic package (preferably CAD)
14 th	1	Checking and correction in Drawing sheet
	2	Checking and correction in Drawing sheet
15 th	1	Revision
	2	Revision,3 rd Sessional test
16 th	1	Quiz
	2	Viva-voice and Internal Practical