

Lesson Plan		
Name of the Faculty		Sh. Surender Kumar
Discipline		Electrical Engineering
Semester		4th
Subject		EEDD-II
Lesson Plan Duration		15 Week (From March 2023 to June 2023) Practical : 06
Week	Practical	
	Day	Topic
1 st	Day 1	1: Contractor Control Circuits ,Design of circuit drawing of schematic diagram and power wiring diagram of following circuits, specification of contactors
	Day 2	DOL starting of 3-phase induction motor : sheet
2 nd	Day 1	3-phase induction motor getting supply from selected feeder :Sheet
	Day 2	Revision and sheet check
3 rd	Day 1	Forwarding/reversing of a 3-phase induction motor: sheet
	Day 2	Two speed control of 3-phase induction motor: sheet
4 th	Day 1	Revision and sheet check
	Day 2	Limit switch control of a 3-phase induction motor: Sheet
5 th	Day 1	Sequential operating of two motors using time delay relay: sheet
	Day 2	Revision and sheet check
6 th	Day 1	Manually generated star delta starter for 3-phase induction motor: sheet
	Day 2	Automatic star delta starter for 3-phase Induction Motor: sheet
7 th	Day 1	Revision and sheet check
	Day 2	Revision and sheet check
8 th	Day 1	2: Earthing Concept and purpose of earthing
	Day 2	Different types of earthing, drawings of plate: sheet
9 th	Day 1	Pipe earthing: sheet
	Day 2	Procedure of earthing, test of materials required and costing
10 th	Day 1	Method of reducing earth resistance
	Day 2	Relevant IS specifications of earth electrode for earthing a transformer, a high building
11 th	Day 1	Earthing layout of distribution transformer
	Day 2	Substation earthing layout and earthing materials
12 th	Day 1	Key diagram of 11kV, 33kV: sheet
	Day 2	66kV, 132 kV sub-stations: sheet
13 th	Day 1	Revision/checking
	Day 2	3: Schematic Diagram of lighting system of conference room: 2 sheets
14 th	Day 1	Theatre/sports stadium (indoor and outdoor) and
	Day 2	Circuits using timers using CAD and , Drawing sheets
15	Day 1	Revision/checking
	Day 2	Revision/checking