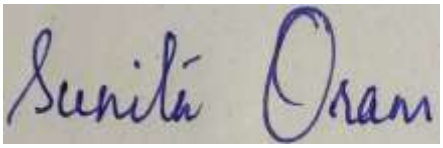
ACADEMIC LESSON PLAN SUMMER 2024

Discipline Electrical	Semester: 4th Sec-A GR02	Name of the Teaching Faculty: - SUNITA ORAM
Subject: - ED PR-4	No of Days/per Week Class Allotted: 6p/week	Semester From: 16th January 2024 to 26th April 2024
Week	Class Day	Practical Topics
1st	1st	**1. WIRING DIAGRAM AND CONTROL CIRCUIT** 1.1 3 point D. C. motor starter.
	2nd	1.2 4 point D.C. motor starter.
2nd	1st	1.3 DOL starter 1.4 Star delta starter.
	2nd	1.5 Auto Transformer Starter.
3rd	1st	1.5 Auto Transformer Starter.
	2nd	1.6 Rotor resistance starter.
4th	1st	2. DRAW D.C. M/C PARTS (Dimensional Drawing) 2.1. Pole with pole shoes.
	2nd	2.2. Commutator
5th	1st	2.3. Armature
	2nd	2.4. DC. armature winding (a) Simple lap winding (b) Simple wave winding.
6th	1st	2.4. DC. armature winding (a) Simple lap winding (b) Simple wave winding.
	2nd	3. DRAW 1-PHASE & 3-PHASE TRANSFORMER (Assembly Drawing) 3.1 Stepped core type.
7th	1st	3.2 Plane shell type.
	2nd	5. DRAW SKETCHES OF THE FOLLOWING AS PER B.I.S AND REC SPECIFICATIONS 5.1 Earthing installation.
8th	1st	5.2 Double pole structure for LT and HT distribution lines.
	2nd	5.2 Double pole structure for LT and HT distribution lines.
9th	1st	6. DRAW SINGLE LINE DIAGRAM OF SUBSTATION 6.1 Single line diagram of 33/11kV distribution substation.
	2nd	6. DRAW SINGLE LINE DIAGRAM OF SUBSTATION 6.1 Single line diagram of 33/11kV distribution substation.
10th	1st	6.2 Single line diagram of a 11/0.4 kV distribution substation.
	2nd	6.2 Single line diagram of a 11/0.4 kV distribution substation.

11th	1st	8. COMPUTER AIDED ELECTRICAL DRAWING USING SOFT WARE 8.1 Draw Electrical symbols (take Print out)
	2nd	8.2 Draw D.C. m/c parts (take print out)
12th	1st	8.2 Draw D.C. m/c parts (take print out)
13th	2nd	8.3 Draw A. C. m/c parts (take print out)
	1st	8.3 Draw A. C. m/c parts (take print out)
	2nd	8.3 Draw A. C. m/c parts (take print out)
14th	1st	8.3 Draw A. C. m/c parts (take print out)
	2nd	8.4 Draw electrical layout of diagram of Electrical Installation of a building.
15th	1st	8.4 Draw electrical layout of diagram of Electrical Installation of a building.
	2nd	8.4 Draw electrical layout of diagram of Electrical Installation of a building.



Signature of the Faculty