DISCIPLINE: *ELECTRICAL*	SEMESTER: *4th*	NAME OF THE TEACHING FACULTY: Pritee Prava Minz (Sr. Lect. in Elect.Engg.)
SUBJECT: *Basic Electrical Engg.*	NO. OF DAYS/ WEEK CLASS ALLOTTED - 6	SEMESTER FROM DATE 14.2.2023 to 23.5.2023
WEEK	CLASS	TOPICS TO BE COVERED AS PER SYLLABUS
1ST	1	WIRING DIAGRAM AND CONTROL CIRCUIT: **Demonstration on** 3 point D. C. motor starter, 4 point D.C. motor starter,3 DOL starter,4 Star delta starter,5 Auto Transformer Starter,.6 Rotor resistance starter
	2	Wiring diagram of 3 point D. C. motor starter
2ND	3	Wiring diagram of 4 point D. C. motor starter
	4	Wiring diagram of DOL starter
	5(Extra class)	Wiring diagram of Star delta starter
3rd	6	Wiring diagram of Auto Transformer Starter
	7	Wiring diagram of Rotor resistance starter
4th	8	Demonstration on D.C. M/C PARTS (Dimensional Drawing) . Pole with pole shoes, Commutator, Armature, DC. armature winding, Simple lap winding, Simple wave winding
	9	(Dimensional Drawing) . Pole with pole shoes,
	10(Extra class)	(Dimensional Drawing) Commutator
5th	11	(Dimensional Drawing) Armature
	12	DC. armature winding Simple lap winding
6th	13	DC. armature winding Simple wave winding
	14	Demonstration on DRAW 1-PHASE & 3-PHASE TRANSFORMER, Stepped core type., Plane shell type.
7th	15	DRAW 1-PHASE Stepped core type.,
8th	16	DRAW 1-PHASE Plane shell type.
	17	DRAW 3-PHASE TRANSFORMER, Stepped core type., Plane shell type.
9th	18	DRAW 3-PHASE TRANSFORMER, Stepped core type., Plane shell type.
	19	Demonstration on DRAW SKETCHES OF THE FOLLOWING AS PER B.I.S AND REC SPECIFICATIONS Earthing installation, Double pole structure for LT and HT

10th	20	Demonstration on DRAW SKETCHES OF THE FOLLOWING AS PER B.I.S AND REC SPECIFICATIONS Earthing installation, Double pole structure for LT and HT distribution lines.
	21	DRAW SKETCHES OF THE FOLLOWING AS PER B.I.S AND REC SPECIFICATIONS Earthing installation
	22(Extra class)	DRAW SKETCHES OF THE FOLLOWING AS PER B.I.S AND REC SPECIFICATIONS Double pole structure for LT and HT distribution lines.
1th	23	Demonstration on DRAW SINGLE LINE DIAGRAM OF SUBSTATION Single line diagram of 33/11kV distribution substation, Single line diagram of a 11/0.4 kV distribution substation.
	24	DRAW SINGLE LINE DIAGRAM OF SUBSTATION Single line diagram of 33/11kV distribution substation
12th	25	DRAW SINGLE LINE DIAGRAM OF Single line diagram of a 11/0.4 kV distribution substation.
	26	Demonstration on COMPUTER AIDED ELECTRICAL DRAWING USING SOFT WARE Draw Electrical symbols (take Print out) , Draw D.C. m/c parts (take print out), Draw A. C. m/c parts (take print out), Draw electrical layout of diagram of Electrical Installation of a building.
13th	27	COMPUTER AIDED ELECTRICAL DRAWING USING SOFT WARE Draw Electrical symbols (take Print out)
	28	COMPUTER AIDED ELECTRICAL DRAWING USING SOFT WARE Draw D.C. m/c parts (take print out
14th	29	COMPUTER AIDED ELECTRICAL DRAWING USING SOFT WARE , Draw A. C. m/c parts (take print out
	30	COMPUTER AIDED ELECTRICAL DRAWING USING SOFT Draw electrical layout of diagram of Electrical Installation of a building.
Signature of subject teacher		Signature of HOD