

LESSON PLAN

SUB: ELECTRICAL DRAWING

BRANCH:- ELECTRICAL ENGG.

SEMESTER: 4th

SESSION:2022-2023

NAME OF FACULTY: ASHWINI KUMAR SAHU



**GOVERNMENT POLYTECHNIC,
BHADRAK**

Hed. Electrical
HOD (ELEC.)
G.P. BHADRAK

Academic Co-ordinator

Principal
Govt. Polytechnic, Bhadrak
Govt. Polytechnic
Bhadrak

DISCIPLINE ELECTRICAL	SEMESTER 4 TH	NAME OF THE TEACHING FACULTY ASHWINI KUMAR SAHU(Sr.Lect. in Elect.Engg.)
SUBJECT ELECTRICAL DRAWING	NO. OF DAYS/WEEK CLASS ALLOTTED - 90	SEMESTER FROM DATE 13.02.2023 to 23.05.2023
WEEK	CLASS DAY	TOPICS
1 ST	01	3 point D. C. motor starter.
	02	3 point D. C. motor starter.
	03	3 point D. C. motor starter.
	04	4 point D.C. motor starter.
	05	4 point D.C. motor starter.
	06	4 point D.C. motor starter.
2 ND	07	DOL starter
	08	DOL starter
	09	DOL starter
	10	Star delta starter.
	11	Star delta starter.
	12	Star delta starter.
3 RD	13	Auto Transformer Starter.
	14	Auto Transformer Starter.
	15	Auto Transformer Starter.
	16	Rotor resistance starter.
	17	Rotor resistance starter.
	18	Rotor resistance starter.
	19	Pole with pole shoes.

4 TH		
	20	Pole with pole shoes.
	21	Pole with pole shoes.
	22	Commutator, Armature
	23	Commutator, Armature
	24	Commutator, Armature
5 TH	25	DC. armature winding Simple lap winding
	26	Simple lap winding
	27	Simple lap winding
	28	Simple lap winding
	29	Simple lap winding
	30	Simple lap winding
6 TH	31	Simple wave winding.
	32	Simple wave winding.

	33	Simple wave winding.
	34	Simple wave winding.
	35	Simple wave winding.
	36	Simple wave winding.
7 TH	37	Stepped core type.
	38	Stepped core type.
	39	Stepped core type.

	40	Stepped core type.
	41	Stepped core type.
	42	Stepped core type.
8 TH	43	Plane shell type.
	44	Plane shell type.
	45	Plane shell type.
	46	Plane shell type.
	47	Plane shell type.
	48	Plane shell type.
9 TH	49	Earthing installation.
	50	Earthing installation.
	51	Earthing installation.
	52	Earthing installation.
	53	Earthing installation.
	54	Earthing installation.
10 TH	55	Double pole structure for LT and HT distribution lines.
	56	Double pole structure for LT and HT distribution lines.
	57	Double pole structure for LT and HT distribution lines.
	58	Double pole structure for LT and HT distribution lines.
	59	Double pole structure for LT and HT distribution lines.
	60	Double pole structure for LT and HT distribution lines.
11 TH	61	Double pole structure for LT and HT distribution lines.
	62	Double pole structure for LT and HT distribution lines.
	63	Double pole structure for LT and HT distribution lines.
	64	Double pole structure for LT and HT distribution lines.
	65	Double pole structure for LT and HT distribution lines.
	66	Double pole structure for LT and HT distribution lines.
12 TH	67	Single line diagram of 33/11kSingle linV distribution substation.
	68	Single line diagram of 33/11kSingle linV distribution substation.
	69	Single line diagram of 33/11kSingle linV distribution substation.
	70	Single line diagram of 33/11kSingle linV distribution substation.
	71	Single line diagram of 33/11kSingle linV distribution substation.
	72	Single line diagram of 33/11kSingle linV distribution substation.
13 TH	73	Single line diagram of a 11/0.4 kV distribution substation.

	74	Single line diagram of a 11/0.4 kV distribution substation.
	75	Single line diagram of a 11/0.4 kV distribution substation.
	76	Draw Electrical symbols.
	77	Draw Electrical symbols.
	78	Draw Electrical symbols.
14 TH	79	Draw D.C. m/c parts.
	80	Draw D.C. m/c parts.
	81	Draw D.C. m/c parts.
	82	Draw D.C. m/c parts.
	83	Draw D.C. m/c parts.
	84	Draw D.C. m/c parts.
15 TH	85	Draw D.C. m/c parts.
	86	Draw D.C. m/c parts.
	87	Draw D.C. m/c parts.
	88	Draw D.C. m/c parts.
	89	Draw electrical layout of diagram of Electrical Installation of a building.
	90	Draw electrical layout of diagram of Electrical Installation of a building.