

LESSON PLAN

SUB:-ELECTRICAL DRAWING.

BRANCH:- ELECTRICAL ENGG.

SEMESTER: 4TH

NAME OF FACULTY: - ASHWINI KUMAR SAHU



**GOVERNMENT POLYTECHNIC,
BHADRAK**

SESSION:2023-24

HOD Electrical

HOD (ELECT.)
G.P.BHADRAK

Academic Co-ordinator

Academic Co-ordinator

Principal

Govt. Polytechnic Bhadrak

Principal
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 CLASSALLOTTED - 90	SEMESTER FROM DATE 16.01.2024 to 26.04.2024
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.
	07	DOL starter
	08	DOL starter
	09	DOL starter
	10	Star delta starter.
	11	Star delta starter.
	12	Star delta starter.
2 ND	13	Auto Transformer Starter.
	14	Auto Transformer Starter.
	15	Auto Transformer Starter.
	16	Rotor resistance starter.
	17	Rotor resistance starter.
	18	Rotor resistance starter.
3 RD	19	Pole with pole shoes.
	20	Pole with pole shoes.
	21	Pole with pole shoes.
	22	Commutator, Armature
	23	Commutator, Armature
4 TH	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.

Signature of the Faculty

12-01-24
 ASHWINI K.U. SAHU
 Sr.Lect.(Elect.)
 Govt.Poly.Bhadrak