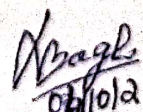


LESSON PLAN (WINTER- 2021)				
Subject- UEET		Semester- 5th		Branch- Electrical Engineering
NAME OF FACULTY-ZAHID AKHTAR				
Sl. No.	Date	Chapter	Topic Name	No. of periods
1	04-10-2021	ELECTRICAL DRIVE	State group and individual drive	1
2	05-10-2021		Method of choice of electric drives.	1
3	07-10-2021		Explain starting and running characteristics of DC and AC	1
4	08-10-2021		State Application of DC Motor, 3 Phase motors etc	1
5	18-10-2021		conti..	1
6	21-10-2021	TRACTION	Explain system of traction	1
7	22-10-2021		System of Track electrification.	1
8	23-10-2021		Running Characteristics of DC and AC traction motor	1
9	24-10-2021		Explain control of motor	1
10	25-10-2021		Conti	1
11	26-10-2021		conti..	1
12	28-10-2021		Explain Braking of the following types	1
13	29-10-2021		Regenerative Braking, Magnetic braking, Braking with AC Series	1
14	30-10-2021	ILLUMINATION	Nature of Radiation and its spectrum.	1
15	01-11-2021		Terms used in Illuminations	1
16	02-11-2021		Conti...	1
17	05-11-2021		Conti...	1
18	06-11-2021		Explain the inverse square law and the cosine law	1
19	08-11-2021		Explain polar curves.	1
20	09-11-2021		Describe light distribution and control. Explain related	1
21	11-11-2021		Design simple lighting schemes and depreciation factor.	1
22	12-11-2021		Constructional feature and working of Filament lamps, effect of	1
23	13-11-2021		Conti	1
24	15-11-2021		Explain Discharge lamps.	1
25	16-11-2021		State Basic idea about excitation in gas discharge lamps	1
26	18-11-2021		State constructional features and operation of: - Fluorescent	1
27	20-11-2021		Sodium vapor lamps.	1
28	22-11-2021		High pressure mercury vapour lamps.	1
29	23-11-2021		Neon sign lamps.	1
30	25-11-2021		High lumen output & low consumption fluorescent lamps.	1
31	26-11-2021	ELECTRIC WELDING	Explain principle of arc welding. Discuss D. C. & A. C. arc	1
32	27-11-2021		D.C. & A. C. arc welding plants of single and multi-operation	1
33	29-11-2021		Conti..	1
34	30-11-2021		Types of arc welding. Explain principles of resistance welding	1
35	02-12-2021		Descriptive study of different resistance welding methods.	1
36	03-12-2021	ELECTRIC HEATING	Advantages of electrical heating. Explain mode of heat transfer	1
37	04-12-2021		Discuss principle of Resistance heating.	1
38	06-12-2021		Explain working principle of direct arc furnace and indirect arc	1
39	07-12-2021		Principle of Induction heating.	1
40	09-12-2021		Working principle of direct core type, vertical core type and	1
41	10-12-2021		Principle of coreless induction furnace and skin effect.	1
42	11-12-2021		Principle of dielectric heating and its application.	1
43	13-12-2021		Principle of Microwave heating and its application.	1
44	14-12-2021	ELECTROLYSIS	Definition and Basic principle of Electro Deposition.	1
45	16-12-2021		Important terms regarding electrolysis	1
46	17-12-2021		Faradays Laws of Electrolysis.	1
47	18-12-2021		Definitions of current efficiency, Energy efficiency.	1
48	20-12-2021		Principle of Electro Deposition.	1
49	21-12-2021		Factors affecting the amount of Electro Deposition.	1
50	23-12-2021		Factors governing the electro deposition.	1
51	24-12-2021		State simple example of extraction of metals..	1
52	27-12-2021		Application of Electrolysis.	1
53	28-12-2021	Revision	1	
54	30-12-2021	Revision	1	
55	31-12-2021	Revision	1	

for

 H.O.D. (ELECT)