

LESSON PLAN SUMMER-2022

SUBJECT- IE&M SEM-6th BRANCH- MECHANICAL ENGG.

SL NO	DATE	CHAPTER	TOPIC NAME	NO OF PERIODS
1	15.3.22	PLANT ENGINEERING	Selection of Site of Industry. & define plant layout	1
2	16.3.22		Describe the objective and principles of plant layout.	1
3	16.3.22		Explain Process, Product and Combination Layout.	1
4	22.3.22		Principles of material handling equipment.	1
5	23.3.22		Principles of material handling equipment.Plant maintenance.	1
6	23.3.22		Break down & preventive maintenance.	1
7	25.3.22		Scheduled maintenance	1
8	29.3.22	OPERATIONS RESEARCH	Introduction to Operations Research	1
9	30.3.22		Define Linear Programming Problem,	1
10	30.3.22		Solution of L.P.P	1
11	5.4.22		graphical method.	1
12	6.4.22		Evaluation of Project completion by CPM	1
13	6.4.22		Evaluation of Project completion by PERT	1
14	8.4.22		xplain distinct features of PERT with respect to CPM.	1
15	12.4.22	INVENTORY CONTROL	Classification of inventory	1
16	13.4.22		2 Objective of inventory control.	1
17	13.4.22		Describe the functions of inventories.	1
18	19.4.22		Benefits of inventory control.	1
19	20.4.22		Costs associated with inventory	1
20	20.4.22		Terminology in inventory control	1
21	22.4.22		Explain and Derive economic order quantity for Basic model	1
22	26.4.22		Define and Explain ABC analysis	1
23	27.4.22	INSPECTION AND QUALITY CONTROL	Define Inspection and Quality control.	1
24	27.4.22		2Describe planning of inspection.	1
25	29.4.22		Describe types of inspection.	1
26	4.5.22		Advantages and disadvantages of quality control	1
27	4.5.22		Study of factors influencing the quality of manufacture	1
28	6.5.22		Explain the Concept of statistical quality control,	1
29	10.5.22		Explain control chart, X-Chart ,simple problems	1
30	11.5.22		R-Chart , simple problems	1
31	11.5.22		C-Chart ,simple problems	1
32	13.5.22		P,nP-Chart ,simple problems	1
33	17.5.22		7 Methods of attributes. & concept of ISO 9001-2008	1
34	18.5.22		Benefits of ISO to the organization.	1

35	18.5.22	PRODUCTION PLANNING AND CONTROL	Quality management system, Registration /certification procedure	1	
36	20.5.22		JIT, Six sigma,	1	
37	24.5.22		Lean Manufacturing Related problem	1	
38	25.5.22		Introduction	1	
39	25.5.22		Major functions of production planning	1	
40	27.5.22		Methods of forecasting	1	
41	31.5.22		Routing	1	
42	1.6.22		Scheduling Dispatching	1	
43	1.6.22		Controlling	1	
44	3.6.22		Types of production	1	
45	7.6.22		Mass & Batch production	1	
46	8.6.22		Job order production	1	
47	8.6.22		Principles of product and process planning	1	
48	10.6.22		Principles of product and process planning	1	
				TOTAL	48

Prepared By

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14/03/22
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