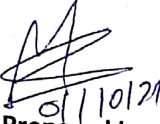


LESSON PLAN WINTER -2021

SUBJECT- PRODUCTION TECHNOLOGY SEM-3RD BRANCH- MECHANICAL ENGG.				
SL NO	DATE	CHAPTER	TOPIC NAME	NO OF PERIODS
1	02.10.21	Metal Forming Processes CHAPTER -1	Introduction to syllabus. Extrusion: Definition & Classification	1
2	05.10.21		Explain direct, indirect and impact extrusion process.	1
3	06.10.21		Define rolling. Classify it.	1
4	09.10.21		Differentiate between cold rolling and hot rolling process	1
5	12.10.21		List the different types of rolling mills used in Rolling process.	1
9	23.10.21	WELDING CHAPTER - 2	Define welding and classify various welding process	1
10	26.10.21		Explain fluxes used in welding	1
11	27.10.21		Explain Oxy-acetylene welding process	1
12	29.10.21		Explain various types of flames	1
13	30.10.21		Oxy-acetylene welding	1
14	02.11.21		Explain Arc welding	1
15	03.11.21		Explain Arc welding process	1
16	05.11.21		Specify arc welding electrodes.	1
17	06.11.21		Define resistance welding	1
18	09.11.21		resistance welding and classify	1
19	10.11.21		Describe various resistance welding processes	1
20	12.11.21		spot welding, flash welding,	1
21	13.11.21		Projection and seam welding	1
22	16.11.21		Explain TIG and MIG welding process	1
23	17.11.21		State different welding defects with causes and remedies	1
24	19.11.21	Casting CHAP-3	Define Casting	1
25	20.11.21		Classify the various Casting processes	1
26	23.11.21		Explain the procedure of Sand mould casting	1
27	24.11.21		Explain different types of moulding	1
28	26.11.21		Cont.	1
29	27.11.21		Classify different pattern	1
30	30.11.21		State various pattern allowance	1
31	01.12.21		Classify core	1
33	03.12.21		Describe construction and working of cupola	1
34	04.12.21		Cont.	1
35	07.12.21		Describe construction and working of crucible furnace	1
36	08.12.21		Explain die casting method.	1
38	10.12.21		Explain centrifugal casting	1
39	11.12.21		advantages, limitation and area of application of centrifugal casting	1
40	14.12.21		Explain various casting defects with their causes and remedies.	1
41	15.12.21	Powder Metallurgy CHAP-4	Define powder metallurgy process.	1
42	17.12.21		State advantages of powder metallurgy technology technique	1
43	18.12.21		Describe the methods of producing components by powder	1
44	21.12.21		Define metallurgy technique	1
45	22.12.21		Explain about sintering	1

46	24.12.21		Define Economics of powder metallurgy	1
47	28.12.21		Describe Press Works: blanking	1
48	29.12.21		Describe Press Works: piercing	1
49	31.12.21		Describe Press Works: Trimming	1
	01.01.22		Describe about Types of Die and punch	1
50	04.01.22		Explain Simple, compound & progressive dies	1
51	05.01.22			
52	07.01.22		Describe the various advantages & disadvantages of above dies	1
53	08.01.22		Define jigs and fixtures	1
54	15.01.22		State advantages of using jigs and fixtures	1
55	12.01.22		State the principle of locations	1
56	13.01.22		Describe the methods of location with respect to 3-2-1 point	1
57	15.01.22		Cont.	1
58	18.01.22		List various types of jig	1
60	19.01.22		List various types of fixtures.	1
61	21.01.22		Doubt clearing class	1
62	22.01.22		Previous year question answer practice	1
63	25.01.22		Previous year question answer practice	1
64	28.01.21		Revision of Chapter-1 & 2	1
65	29.01.22		Revision of Chapter-3& 4	1
			Revision of Chapter-5 & 6	1
			TOTAL	60


 01/10/21
 Prepared by
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 11/01/21
 HOD
 Mechanical