

PNS SCHOOL OF ENGINEERING & TECHNOLOGY

Nishamani Vihar, Marshaghai, Kendrapara

LESSON PLAN

[EACH CLASS = 02 PERIODS]

BRANCH : **MECHANICAL**
SEMESTER - **3RD**
SUBJECT : **PR-3-WORKSHOP-II**

NAME OF THE TEACHING FACULTY : **1. MANAS KUMAR PADHIARY**
2. ANANTA CH. SAMAL

DAY	DATE	MONTH	SL. NO.	PRACTICAL TOPICS	
				FITTING	
MON	19.09.2022	SEPTEMBER	1	Introduction class about fitting	
TUE	20.09.2022		2	Vernier caliper reading	
WED	21.09.2022		3	Micrometre reading	
THU	22.09.2022		4	Uses of dividers, out side calipers, inside calipers, round files, Square files niddle files, single cut files, double cut tiles, surface plate, angle plate, try square etc.	
MON	26.09.2022		5	Filing Practice	
TUE	27.09.2022		6	Marking Practice with varnier height gauge.	
WED	28.09.2022		7	Punching Practice with dot punch and centre punch.	
THU	29.09.2022		8	Drilling Practice	
MON	10.10.2022	OCTOBER	9	Hacksawing Practice	
TUE	11.10.2022		10	Preparation of Hexagonal nut	
WED	12.10.2022		11	Preparation of Hexagonal nut	
THU	13.10.2022		12	Preparation of Try Square	
TUE	18.10.2022		13	Preparation of Try Square	
				SMITHY	
WED	19.10.2022		14	Introduction class about smithy	
THU	20.10.2022		15	Furnace	
WED	26.10.2022	16	Types of Forging		
THU	27.10.2022	17	Uses of Swage, Swage block, anvil, hammer, tong, flatter, punch, drift.		
MON	31.10.2022	18	Forging operations		
TUE	01.11.2022	NOVEMBER	19	Preparation of door ring with hook	
WED	02.11.2022		20	Preparation of door ring with hook	
THU	03.11.2022		21	Preparation of door ring with hook	
WED	08.11.2022		22	Preparation of Flat Chisel	
THU	10.11.2022		23	Preparation of Flat Chisel	
MON	14.11.2022		24	Internal Exam.	
TUE	15.11.2022		25	Preparation of Flat Chisel	
THU	17.11.2022		26	Internal Exam.	
			CARPENTARY		
MON	21.11.2022	27	Introduction class about carpentry.		
TUE	22.11.2022	28	Structure of wood.		
WED	23.11.2022	29	Grain in wood.		
THU	24.11.2022	30	Seasoning of wood		
MON	28.11.2022	31	Defects in timber		
TUE	29.11.2022	32	Uses of steel rule, Marking gauge, Try square Dividers, firmar chisel.		
WED	30.11.2022	33	Uses of Martise gouge, hand drill, Iron jack, Plane, Rip saw, Circular Saw etc.		
THU	01.12.2022	DECEMBER	34	Cutting of Slot Notch.	
MON	05.12.2022		35	Cutting of Slot Notch.	
TUE	06.12.2022		36	Preparation of tenon joint.	
WED	07.12.2022		37	Preparation of tenon joint.	
			WELDING		

THU	08.12.2022
MON	12.12.2022
TUE	13.12.2022
WED	14.12.2022
THU	15.12.2022
MON	19.12.2022
TUE	20.12.2022
WED	21.12.2022
THU	22.12.2022

38	Introduction class about welding.
39	Types of Welding Process.
40	Uses of Goggles, Welding torch, Wire brush, Chipping brush, Pressure gauge, Pressure regulator.
41	Oxy Acetylene Welding flames and uses.
42	Oxy Acetylene Welding Flames and uses.
43	Lap and butt joint using Arc Welding
44	Lap and butt joint using Arc Welding
45	Lap joint using gas welding.
46	Lap joint using gas welding.

Mangal Kumar Padhwaraj

Ananta Charan Samal

SIGNATURE OF H.O.D

SIGNATURE OF THE FACULTY