

Lesson Plan for the odd Semester started w.e.f MARCH-2023

Name of the Teacher with Designation RAJPAL W/I

Discipline : MECH.ENGG.

Semester : 2 ND SEM

Subject : CARPENTRY SHOP

Lesson Plan Duration : 15 weeks (From 06 MARCH-2023 to 23/06/2023)

Work Load (Practical) per week Practical's : 06 hours

Week	Practical	
	Practical Day	Topic
1 st		<p>3.1 Safety Precautions of concerned shop and use of personal protective equipment (PPE), demonstration of tools, equipment, sample jobs, Best practices in the concerned shop.</p> <p>3.2 Introduction to joints, their relative advantages and uses.</p> <p>Job I To make a dovetail joint.</p> <p>Job II To make a mitred joint.</p>
2 nd		CONTINUED
3 rd		CONTINUED
4 th		CONTINUED
5 th		CONTINUED
6 th		CONTINUED
7 th		<p>3.3 Demonstration of machines like Band Saw and Circular Saw, Chain and Chisel, Universal wood working machine, Saw re-sharpening machine, Saw Brazing unit.</p> <p>3.4 Introduction and function of various parts of</p>

		<p>Wood Working Lathe</p> <p>a) Study of wood working lathe tool.</p> <p>b) Sharpening of lathe tools.</p> <p>c) Setting of jobs and tools.</p> <p>Job III To make a lengthening joint by using different joints.</p> <p>Job IV To make a job using different type of wood turning operations including form turning and grooving. OR Repair of any utility item.</p>
8 th		CONTINUED
9 th		CONTINUED
10 th		CONTINUED
11 th		CONTINUED
12 th		CONTINUED
13 th		Job V To make a medium size wooden dust bin/ wooden tray.
14 th		CONTINUED
15 th		CONTINUED