



**GOVERNMENT POLYTECHNIC,
NABARANGPUR , DEPARTMENT OF
MECHANICAL ENGINEERING**

Discipline: MECHANICAL LENGG	Semester: 3 rd	Name of the Teaching Faculty: Sunil Kumar Sorthy
Subject: WORKSHOP PRACTICE - II	No. of days/per week class allotted: 6	Semester From date: 01.09.2020 To Date: 19.03.2021 No. of Weeks: 15
Week k	Class Day	Theory/Practical Topics
1 ST	1-3	Fitting practices , preparation of try square
	4-6	Preparation of caliper
2 ND	1-3	Preparation of hammer , square , hexagonal
	4-6	Preparation of hammer , square , hexagonal
3 RD	1-3	Preparation of hammer , square , hexagonal
	4-6	Smithy practices - preparation of door ring with hook
4 TH	1-3	Smithy practices - preparation of door ring with hook
	4-6	Preparation of hexagonal head bolt
5 TH	1-3	Preparation of hexagonal head bolt
	4-6	Preparation of octagonal flat chisel
6 TH	1-3	Preparation of octagonal flat chisel
	4-6	Preparation of octagonal flat chisel
7 TH	1-3	Carpentry practices - cutting of slot , botch , mortise and tenon joint

	4-6	<i>Carpentry practices- cutting of slot , botch , mortise and tenon joint</i>
8 TH	1-3	<i>Carpentry practices- cutting of slot , botch , mortise and tenon joint</i>
	4-6	<i>Carpentry practices- cutting of slot , botch , mortise and tenon joint</i>
9 TH	1-3	<i>Preparation of single dovetail joint</i>

	4-6	Preparation of single dovetail joint
10 ^T H	1-3	Welding practices
	4-6	Welding practices
11 ^T H	1-3	Lap & butt joint using arc welding
	4-6	Lap & butt joint using arc welding
12 ^T H	1-3	Lap & butt joint using arc welding
	4-6	Lap joint using gas welding
13 ^T H	1-3	Lap joint using gas welding
	4-6	Lap joint using gas welding
14 ^T H	1-3	Joining two non ferrous parts through
	4-6	Joining two non ferrous parts through
15 ^T H	1-3	Joining two non ferrous parts through
	4-6	LAB RECORD SUBMISSION



Sign. Of
Faculty
concerned



Sign. OF HOD
H/C



PRINCIPAL