

JHARSUGUDA ENGINEERING SCHOOL, JHARSUGUDA

Department of Mechanical Engineering

Name of the Faculty: <i>M. Soren</i> <i>P. Baskey, A. Barca</i> <i>B. Kishan, Karim Pradhan</i>	Session: 2022-23
Course code.:	Course Name: Workshop Practice-1
Programme: Diploma	Department: Workshop
Semester: 3rd	Section: M1 & M2
Branch: Mechanical	

Week	Unit	Hours	Topic to be Covered
1	1-Fitting Practices	24	Introduction to fitting Practices
2			Preparation of caliper
3			Preparation of caliper
4			Preparation of caliper
5			Preparation of try square
6			Preparation of try square
7			Preparation of try square
8			1-Fitting Practices
	2-Smithy Practice	3	Introduction to Smithy Shop
9	2-Smithy Practice	12	Preparation of door ring with hook
10			Preparation of hexagonal head bolt
11			Preparation of hexagonal head bolt
12	2-Smithy Practice	3	Preparation of octagonal flat chisel
13	3-Carpentry Practices	3	Introduction to Carpentry Shop, Cutting of Slot
14	3-Carpentry Practices	12	Cutting of Botch
15			Making Mortise & Tenon Joint
16			Making Mortise & Tenon Joint
17	3-Carpentry Practices	3	Preparation of single dove tail joint
18	4-Welding Practice	3	Introduction to Welding Practice
19	4-Welding Practice	24	Lap & Butt Joint using Arc Welding
20			Lap & Butt Joint using Arc Welding
21			Joining Two non-ferrous parts through (TIG Welding)
22			Joining Two non-ferrous parts through (MIG Welding)
23			Joining Two non-ferrous parts through (MIG Welding)
24			Lap Joint using Gas Welding
25			Lap Joint using Gas Welding

*M. Soren*  
Signature of faculty member

*Yc*  
Signature of Sr. Lecturer