

JHARSUGUDA ENGINEERING SCHOOL, JHARSUGUDA

MECHANICAL ENGG. DEPARTMENT

Name of the Faculty: *M. Sorcen*
S. Dwivedi, R. K. MAHANTA
HIMALAYA MEHER

Session: 2022-23

Course code.: Pr 1

Course NAME - MECHANICAL ENGINEERING DRAWING (PR-1)

Programe: Diploma

Department: Mechanical Engg. Deptt.

Semester: 3rd

Section: M1, M2

Branch: MECHANICAL ENGG

WEEK	Unit	Hours	Practicals to be Covered
1	1	6	Revision of Engineering Drawing of 1st Year
2	2	6	Plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter (Minimum 5 Drawings
3		6	first angle orthographic Projection
4	3	6	Bolt
5		6	nut and threads
6		6	first angle orthographic Projection Of Cotter join
7		6	first angle orthographic Projection of Knuckle joint
8	4	6	Details to assembly of Rigid pedestal bearing
9		6	Details to assembly of Foot step bearing
10		6	Details to assembly of Simple Screw jack
11	5	6	Assembly to details of Connecting rod of IC Engine
12		6	Assembly to details of Boiler safety valve
13		6	Assembly to details of Spring loaded valve
14		6	Assembly to details of Hydraulic non return valve
15		6	Assembly to details of Flat belt pulley

M. Sorcen
S. Dwivedi
 Signature of the Faculty

R. K. Mahanta
 Signature of the HOD