Discipline: Mechanical Engineering	Semester : 3rd Semester-2020-21	Name of the Teaching Faculty: Shri. SHEKHAR KUMAR SAHU
Subject: MechanicalEngineering Drawing	No. of Days/week Class Allotted: 60	Semester from date: 01/09 /2020 to date: 19/03 /2021 No of weeks: 18

week	Class Day	Practical Topics
1st	1st	Revision of Engineering Drawing of 1st Year
	2nd	Revision of Engineering Drawing of 1st Year
2nd	1st	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD
	2nd	Draw plan, elevation and side view of different machine elements from their isometric view using mini drafter
3rd	1st	Engineering drawing of fastening elements in first angle orthographic Projection : Bolt , nut & threads
	2nd	Cotter joint
4th	1st	Cotter joint
	2nd	Knuckle joint
5th	1st	Knuckle joint
	2nd	Rigid pedestal bearing
6th	1st	Rigid pedestal bearing
	2nd	Rigid pedestal bearing
7th	1st	Foot step bearing
	2nd	Foot step bearing
8th	1st	Simple Screw jack
	2nd	Simple Screw jack
9th	1st	Simple Screw jack
	2nd	Connecting rod of IC Engine
10th	1st	Connecting rod of IC Engine
	2nd	Boiler safety valve
11th	1st	Boiler safety valve
	2nd	Boiler safety valve
12th	1st	Spring loaded valve
	2nd	Spring loaded valve
13th	1st	Spring loaded valve
	2nd	Hydraulic non return valve
14th	1st	Hydraulic non return valve
	2nd	Hydraulic non return valve
15th	1st	Flat belt pulley
	2nd	Flat belt pulley
16th	1st	Model Test 1

	2nd	Model Test 2
17th	1st	Model Test 3
	2nd	Model Test 4
18th	1st	Model Test 5
	2nd	Model Test 6