PNS SCHOOL OF ENGINEERING & TECHNOLOGY MARTSHAGHAI,KENDRAPARA

LESSON PLAN ,SESSON-2023-2024

DEPARTMENT :-MECHANICAL ENGINEERING

SEMESTER:-3rd

NAME OF THE TEACHING STAFF/FACULTY:-SUBARNA KESHARI SINGH

SUBJECT:- MECHANICAL ENGINEERING DRAWING (Pr-1)

SEMESTER DATE : 01.08.2023 TO 30.11.2023

NO OF PAYS/WEEK CLASS ALLOTED=06

WEEK	CLASS DAY	MODULE	TOPIC
1st	1st	01	Revision of Engineering Drawing of 1st Year.
	2nd	01	Revision of Engineering Drawing of 1st Year.
	3rd	01	Revision of Engineering Drawing of 1st Year.
	4th	01	Revision of Engineering Drawing of 1st Year.
	5th	01	Revision of Engineering Drawing of 1st Year.
	6th	01	Revision of Engineering Drawing of 1st Year.
2nd	1st	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
	2nd	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
	3rd	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
	4th	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
	5th	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
	6th	02	Draw plan, elevation and side view of different machine elements from their isometric view using AutoCAD & mini drafter.
3rd	1st		Introduction of Engineering drawing of fastening elements in first angle orthographic Projection.
	2nd	3.1	Bolt.
	3rd	3.1	Bolt.
	4th	3.1	Bolt.
	5th	3.1	Bolt.
	6th	3.1	Nut.
4th	1st	3.1	Nut.
	2nd	3.1	Nut.
	3rd	3.1	Nut.
	4th	3.1	Thread.
	5th	3.1	Thread.
	6th	3.1	Thread.

5th	1st	3.1	Thread.
	2nd	3.2	Cotter joint.
	3rd	3.2	Cotter joint.
	4th	3.2	Cotter joint.
	5th	3.2	Cotter joint.
	6th	3.3	Knuckle joint.
6th	1st	3.3	Knuckle joint.
	2nd	3.3	Knuckle joint.
	3rd	3.3	Knuckle joint.
	4th	3.3	Knuckle joint.
	5th	3.3	Knuckle joint.
	6th	4.1	Rigid pedestal bearing.
7th	1st	4.1	Rigid pedestal bearing.
	2nd	4.1	Rigid pedestal bearing.
	3rd	4.1	Rigid pedestal bearing.
	4th	4.2	Foot step bearing.
	5th	4.2	Foot step bearing.
	6th	4.2	Foot step bearing.
8th	1st	4.2	Foot step bearing.
	2nd	4.3	Simple Screw jack.
	3rd	4.3	Simple Screw jack.
	4th	4.3	Simple Screw jack.
	5th	4.3	Simple Screw jack.
	6th	4.3	Simple Screw jack.
9th	1st	4.3	Simple Screw jack.
	2nd	5.1	Connecting rod of IC Engine.
	3rd	5.1	Connecting rod of IC Engine.
	4th	5.1	Connecting rod of IC Engine.
	5th	5.1	Connecting rod of IC Engine.
	6th	5.1	Connecting rod of IC Engine.
10th	1st	5.1	Connecting rod of IC Engine.
	2nd	5.1	Boiler safety valve.
	3rd	5.1	Boiler safety valve.
	4th	5.1	Boiler safety valve.
	5th	5.1	Boiler safety valve.
	6th	5.1	Spring loaded valve.
11th	1st	5.2	Spring loaded valve.
	2nd	5.2	Spring loaded valve.
	3rd	5.2	Spring loaded valve.
	4th	5.2	Hydraulic non return valve.
	5th	5.2	Hydraulic non return valve.
	6th	5.2	Hydraulic non return valve.
	5th		Flat belt pulley.
	6th		Flat belt pulley.

Signature of HOD, Mechanical   Signature of Lecturer