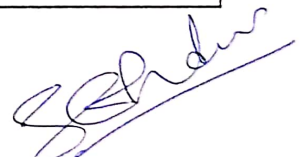


GOVERNMENT POLYTECHNIC JAIPUR
DEPARTMENT OF MECHANICAL ENGINEERING
LESSON PLAN

Discipline: ELECTRICAL	Semester: 3rd	Name of the Teaching faculty: SOUBHAGYA GHADAI
Subject: MECHANICAL ENGINEERING LABORATORY (PR-1)	No of Days/Week class alloted: 4	Semester from Date: 01/07/2024 To Date: 08/11/2024 No of weeks: 15
Week	Class Day	Topics
1st	3p	Determination of M.A., V.R. and efficiency of Screw Jack
2nd	3p	Determination of Young's modulus by Searle's Apparatus
3rd	3p	Determination of Bending stress in beam using strain gauge
4th	3p	Study of Universal Testing Machine and determination of tensile stress and Young's module of M.S specification.
5th	3p	Study of pressure measuring devices such as (a) Piezo-meter (b) Simple manometer
6th	3p	Study of venturi-meter
7th	3p	Verification of Bernouli's Theorem
8th	3p	Model study of Centrifugal pumps
9th	3p	Model study of Francis, Turbine
10th	3p	Model study of Kaplan turbine
11th	3p	Model study of Pelton wheel
12th	3p	Study and demonstration of Diesel Engine
13th	3p	Study and demonstration of Petrol Engine
14th	3p	VIVA
15th	3p	VIVA


Signature of faculty