

GOVERNMENT POLYTECHNIC JAJPUR

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DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN (2022-23)

Discipline: Mechanical	Semester: 6th	Name of the Teaching Faculty: Gitanjali Sethi	
Subject: PSE Lab.	No. Of Days/Week Class Allotted 04	Semester From Date: 14.02.2023 To Date: 23.05.2023	No. of Weeks - 15
Week	Class Day	Theory/Practical Topics	
1st	1st	To study the modern steam power plant with model.	
	2nd	To study the modern steam power plant with model.	
	3rd	To study the modern steam power plant with model.	
	4th	To study the modern steam power plant with model.	
2nd	1st	To study the modern steam power plant with model.	
	2nd	To study the modern steam power plant with model.	
	3rd	To study the modern steam power plant with model.	
	4th	To study the modern steam power plant with model.	
3rd	1st	To study the cooling tower.	
	2nd	To study the cooling tower.	
	3rd	To study the cooling tower.	
	4th	To study the cooling tower.	
4th	1st	To study the cooling tower.	
	2nd	To study the cooling tower.	
	3rd	To study the cooling tower.	
	4th	To study the cooling tower.	
5th	1st	Study of jet condenser	
	2nd	Study of jet condenser	
	3rd	Study of jet condenser	
	4th	Study of jet condenser	
6th	1st	Study of jet condenser	
	2nd	Study of jet condenser	
	3rd	Study of jet condenser	
	4th	Study of jet condenser	
7th	1st	Study of De-level turbine.	
	2nd	Study of De-level turbine.	
	3rd	Study of De-level turbine.	

	4th	Study of De-level turbine.
8 th	1st	Study of De-level turbine.
	2nd	Study of De-level turbine.
	3rd	Study of De-level turbine.
	4th	Study of De-level turbine.
9 th	1st	To study the spring loaded safety valve
	2nd	To study the spring loaded safety valve
	3rd	To study the spring loaded safety valve
	4th	To study the spring loaded safety valve
10 th	1st	To study the spring loaded safety valve
	2nd	To study the spring loaded safety valve
	3rd	To study the spring loaded safety valve
	4th	To study the spring loaded safety valve
11 th	1st	To study the steam generators (Lancashire boiler) models.
	2nd	To study the steam generators (Lancashire boiler) models.
	3rd	To study the steam generators (Cornish boiler) models.
	4th	To study the steam generators (Cornish boiler) models.
12 th	1st	To study the steam generators (Babcock & Wilcox Boiler) models.
	2nd	To study the steam generators (Babcock & Wilcox Boiler) models.
	3rd	To study the steam generators (Babcock & Wilcox Boiler) models.
	4th	To study the steam generators (Vertical water tube boiler) models.
13 th	1st	To study the steam generators (Vertical water tube boiler) models.
	2nd	To study the steam generators (Vertical water tube boiler) models.
	3rd	To determine the various efficiencies of steam turbine.
	4th	To determine the various efficiencies of steam turbine.
14 th	1st	To determine the various efficiencies of steam turbine.
	2nd	To determine the various efficiencies of steam turbine.
	3rd	To determine the various efficiencies of steam turbine.
	4th	To determine the various efficiencies of steam turbine.
15 th	1st	To determine the various efficiencies of steam turbine.
	2nd	To determine the various efficiencies of steam turbine.
	3rd	To determine the various efficiencies of steam turbine.
	4th	To determine the various efficiencies of steam turbine.

Signature of Faculty

G. Sethi
13.2.23
Sr. Lect. Mech.