

GOVT.POLYTECHNIC NAYAGARH

DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN 2023-24

SUBJECT: POWER STATION ENGINEERING LAB (Pr. 2)

PERIODS: 4P/week **Total Period:** 60 **SEMESTER:** 6TH **WEF-16/01/2024**

NAME OF FACULTY: Himanshu Patra, Lect.(GF)

No. of weeks: 15

Week	Class Day	Practical Topics
1 st	1 st	To study the modern steam power plant with model.
	2 nd	To study the modern steam power plant with model.
2 nd	1 st	To study the modern steam power plant with model.
	2 nd	To study the modern steam power plant with model.
3 rd	1 st	To determine the various efficiencies of steam turbine.
	2 nd	To determine the various efficiencies of steam turbine.
4 th	1 st	To determine the various efficiencies of steam turbine.
	2 nd	To determine the various efficiencies of steam turbine.
5 th	1 st	To study the cooling tower.
	2 nd	To study the cooling tower.
6 th	1 st	To study the cooling tower.
	2 nd	To study the cooling tower.
7 th	1 st	Study of jet condenser.
	2 nd	Study of jet condenser.
8 th	1 st	Study of jet condenser.
	2 nd	Study of jet condenser.
9 th	1 st	Study of De-lavel turbine.

	2 nd	Study of De-lavel turbine.
10 th	1 st	Study of De-lavel turbine.
	2 nd	Study of De-lavel turbine.
11 th	1 st	To study the spring loaded safety valve.
	2 nd	To study the spring loaded safety valve.
12 th	1 st	To study the spring loaded safety valve.
	2 nd	To study the spring loaded safety valve.
13 th	1 st	To study the Lancashire (boilers)models.
	2 nd	To study the Cornish (boilers)models.
14 th	1 st	To study the Babcock & Wilcox (boilers)models.
	2 nd	To study the Vertical water tube (boilers)models.
15 th	1 st	Lab Record submission with Viva Voice
	2 nd	Lab Record submission with Viva Voice

HP Dabir
15/01/2024
Lect. (G/F)