

Discipline: Mechanical Engineering	Semester : 6TH Semester	Name of the Teaching Faculty: Shri. SHEKHAR KUMAR SAHU
Subject: POWER STATION ENGINEERING	No. of Days/week Class Allotted: 60	No of weeks: 18
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 determine the various efficiencies of steam turbine.
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 study the cooling tower.
	2 nd	To study the cooling tower.
5 th	1 st	To study the cooling tower.
	2 nd	Study of jet condenser.
6 th	1 st	Study of jet condenser.
	2 nd	Study of jet condenser.
7 th	1 st	Study of De-level turbine.
	2 nd	Study of De-level turbine.
8 th	1 st	Study of De-level turbine.
	2 nd	To study the spring loaded safety valve.
9 th	1 st	To study the spring loaded safety valve.
	2 nd	To study the spring loaded safety valve.
10 th	1 st	To study the following steam generators Lancashire boiler.
	2 nd	To study the following steam generators Lancashire boiler.
11 th	1 st	To study the following steam generators Lancashire boiler.
	2 nd	To study the following steam generators Cornish boiler.
12 th	1 st	To study the following steam generators Cornish boiler.
	2 nd	To study the following steam generators Cornish boiler.
13 th	1 st	To study the following steam generators Babcock & Wilcox Boiler.
	2 nd	To study the following steam generators Babcock & Wilcox Boiler.
14 th	1 st	To study the following steam generators Babcock & Wilcox Boiler.
	2 nd	To study the following steam generators Vertical water tube boiler.
15 th	1 st	To study the following steam generators Vertical water tube boiler.
	2 nd	To study the following steam generators Vertical water tube boiler.
16 th	1 st	Revision of experiment 01 & 02

	2 nd	Revision of experiment 03 & 04
17 th	1 st	Revision of experiment 05 & 06
	2 nd	Revision of experiment of 07 (Lancashire boiler and Cornish boiler)
18 th	1 st	Revision of experiment of 07 (Babcock & Wilcox Boiler.)
	2 nd	Revision of experiment of 07 (Vertical water tube boiler.)