



**GOVERNMENT POLYTECHNIC, NABARANGAPUR**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

<b>Discipline:</b> <b>MECHANICAL ENGG</b>	<b>Semester:</b> 6 <sup>th</sup>	<b>Name of the Teaching Faculty:</b> Manojkumar Sarabu
<b>Subject:</b> PSE LAB	<b>No. of days/ per week class allotted:</b> 6	<b>Semester From date:</b> 15.04.21 <b>To Date:</b> 13.08.21  <b>No. of Weeks:</b> 15
<b>Week</b>	<b>Class/Day</b>	<b>Theory/Practical Topics</b>
1 <sup>ST</sup>	1-3	To study the modern steam power plant with model
	4-6	To study the modern steam power plant with model
2 <sup>ND</sup>	1-3	To study the modern steam power plant with model
	4-6	To determine the various efficiencies of steam turbine
3 <sup>RD</sup>	1-3	To determine the various efficiencies of steam turbine
	4-6	To determine the various efficiencies of steam turbine
4 <sup>TH</sup>	1-3	To study the cooling tower
	4-6	To study the cooling tower
5 <sup>TH</sup>	1-3	To study the cooling tower
	4-6	Study of jet condenser
6 <sup>TH</sup>	1-3	Study of jet condenser
	4-6	Study of jet condenser
7 <sup>TH</sup>	1-3	Study of De-lavel turbine
	4-6	Study of De-lavel turbine
8 <sup>TH</sup>	1-3	Study of De-lavel turbine
	4-6	Study of De-lavel turbine

9 <sup>TH</sup>	1-3	To study the spring loaded safety valve
	4-6	To study the spring loaded safety valve
10 <sup>TH</sup>	1-3	To study the spring loaded safety valve
	4-6	To study the Lancashire boiler
11 <sup>TH</sup>	1-3	To study the Lancashire boiler
	4-6	To study the Lancashire boiler
12 <sup>TH</sup>	1-3	To study the cochoran boiler
	4-6	To study the cochoran boiler
13 <sup>TH</sup>	1-3	To study the cochoran boiler
	4-6	To study the babcock & Wilcox boiler
14 <sup>TH</sup>	1-3	To study the babcock & Wilcox boiler
	4-6	To study the babcock & Wilcox boiler
15 <sup>TH</sup>	1-3	To study the vertical water tube boiler
	4-6	To study the vertical water tube boiler

Manorevara Sarababu  
 Sign. Of Faculty concerned

J. K. Ray  
 Sign. Of HOD IIC

Principal