

GOVT.POLYTECHNIC NAYAGARH

DEPARTMENT OF MECHANICAL ENGINEERING

LESSON PLAN 2023-24

SUBJECT: POWER STATION ENGINEERING LAB (Pr. 2)

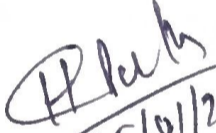
PERIODS: 4P/week **Total Period:** 60 **SEMESTER:** 6TH **WEF:** 16/01/2024

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. |

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|------------------|-----------------|---|
| | 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 |


 15/01/2024
 Lect. (AF)