

NAME OF THE FACULTY - Sri Prafulla Ku. Mallick, PTGF

## GOVT. POLYTECHNIC, NAYAGARH


5<sup>TH</sup> SEMESTER MECHANICAL ENGINEERING (2023-24)

## SUBJECTS - REFRIGERATION AND AIR CONDITIONING LAB

NAME OF FACULTY- PRAFULLA KU. MALICK, PTGF (MECH.ENGG.)

SL NO.	WEEK	DAY	TOPICS TO BE COVERED
1.	1 <sup>ST</sup>	1 <sup>ST</sup>	Domestic Refrigerator test rig
		2 <sup>ND</sup>	Domestic Refrigerator test rig
2.	2 <sup>ND</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
3.	3 <sup>RD</sup>	1 <sup>ST</sup>	water cooler test rig
		2 <sup>ND</sup>	water cooler test rig
4.	4 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
5.	5 <sup>TH</sup>	1 <sup>ST</sup>	Window Air Conditioner test rig
		2 <sup>ND</sup>	Window Air Conditioner test rig
6.	6 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
7.	7 <sup>TH</sup>	1 <sup>ST</sup>	Split Air Conditioner test rig
		2 <sup>ND</sup>	Split Air Conditioner test rig
8.	8 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
9.	9 <sup>TH</sup>	1 <sup>ST</sup>	Vacuum pump set with accessories
		2 <sup>ND</sup>	Record checking
10.	10 <sup>TH</sup>	1 <sup>ST</sup>	Viva voce

		2 <sup>ND</sup>	Charging cylinder with accessories
11.	11 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
12.	12 <sup>TH</sup>	1 <sup>ST</sup>	Halide torch or any leak tester
		2 <sup>ND</sup>	Halide torch or any leak tester
13.	13 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce
14.	14 <sup>TH</sup>	1 <sup>ST</sup>	Vapour absorption test rig
		2 <sup>ND</sup>	Vapour absorption test rig
15.	15 <sup>TH</sup>	1 <sup>ST</sup>	Record checking
		2 <sup>ND</sup>	Viva voce

  
 01/08/2023