

GOVT. POLYTECHNIC ,NAYAGARH

5TH SEMESTER MECHANICAL ENGINEERING (2024-25)

SUBJECTS – REFRIGERATION AND AIR CONDITIONING LAB

NAME OF FACULTY- PRAFULLA KU. MALLICK, GF (Lect.MECH.ENGG.)

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

11.	11 TH	2 ND	Charging cylinder with accessories
		1 ST	Charging cylinder with accessories
		2 ND	Charging cylinder with accessories
12.	12 TH	1 ST	Halide torch or any leak tester
		2 ND	Halide torch or any leak tester
13.	13 TH	1 ST	Halide torch or any leak tester
		2 ND	Halide torch or any leak tester
14.	14 TH	1 ST	Vapour absorption test rig
		2 ND	Vapour absorption test rig
15.	15 TH	1 ST	Vapour absorption test rig
		2 ND	Vapour absorption test rig

Prafulla Ku. Mallick
(Leet. Mech) G.F

13/08/2024