

GOVT. POLYTECHNIC, NAYAGARH**5TH SEMESTER MECHANICAL ENGINEERING (2023-24)****SUBJECTS – REFRIGERATION AND AIR CONDITIONING LAB****NAME OF FACULTY- PRAFULLA KU. MALLICK, PTGF (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	Record checking
		2 ND	Viva voce
3.	3 RD	1 ST	water cooler test rig
		2 ND	water cooler test rig
4.	4 TH	1 ST	Record checking
		2 ND	Viva voce
5.	5 TH	1 ST	Window Air Conditioner test rig
		2 ND	Window Air Conditioner test rig
6.	6 TH	1 ST	Record checking
		2 ND	Viva voce
7.	7 TH	1 ST	Split Air Conditioner test rig
		2 ND	Split Air Conditioner test rig
8.	8 TH	1 ST	Record checking
		2 ND	Viva voce
9.	9 TH	1 ST	Vacuum pump set with accessories
		2 ND	Record checking
10.	10 TH	1 ST	Viva voce

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


01/08/2023