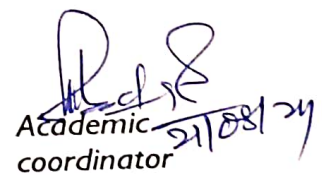


	GOVERNMENT POLYTECHNIC, NABARANGAPUR DEPARTMENT OF MECHANICAL ENGINEERING	
Discipline: MECHANICAL ENGG	Semester: 5 TH	Name of the Teaching Faculty: Er. Mithun Kumar Keshari
Subject: RAC LAB	No. of days/per week class allotted: 4	Semester From date: 21.08.2024 To Date: 08.11.2024 No. of Weeks: 12
Week	Class/Day	Theory/Practical Topics
1 ST	1-2	INTRODUCTION
	3-4	Study the construction features of domestic refrigerator
2 ND	1-2	Study the construction features of domestic refrigerator
	3-4	Study the construction features of water cooler
3 RD	1-2	Study the construction features of water cooler
	3-4	Study the construction features of split A.C
4 TH	1-2	Study the construction features of split A.C
	3-4	Determine the capacity and cop of vapour compression refrigerator test rig
5 TH	1-2	Determine the capacity and cop of vapour compression refrigerator test rig
	3-4	Determine the capacity and cop of vapour compression refrigerator test rig
6 TH	1-2	Determine the capacity and cop of water cooler
	3-4	Determine the capacity and cop of water cooler
7 TH	1-2	Determine the capacity and cop of window A.C
	3-4	Determine the capacity and cop of window A.C
8 TH	1-2	Determine the capacity and cop of split A.C
	3-4	Determine the capacity and cop of split A.C

9 TH	1-2	Determine the capacity and cop of vapour compression refrigerator test rig
	3-4	Determine the capacity and cop of vapour compression refrigerator test rig
10 TH	1-2	Determine the capacity and cop of vapour compression refrigerator test rig
	3-4	Determine the capacity and cop of vapour absorption refrigerator test rig
11 TH	1-2	Determine the capacity and cop of vapour absorption refrigerator test rig
	3-4	Complete charging of a domestic refrigerator and its leak test
12 TH	1-2	Complete charging of a domestic refrigerator and its leak test
	3-4	LAB RECORD SUBMISSION


 Sign. Of
 Faculty
 concerned


 Academic
 coordinator


 Sign. Of HOD I/C


 Principal