

Name of the Faculty: M Soeren
S. Dwibedi

Session: 2022-23

Course code.: Pr 1

Course Name: REFRIGERATION AND AIR CONDITIONING LAB

Programme: Diploma

Department: Mechanical Engg. Deptt.

Semester: 5TH

Section: MI, M2

Branch: MECHANICAL ENGG

WEEK	Unit	Hours	Practicals to be Covered
1	Practical-1	4	Study the construction features of Domestic Refrigerator.
2	Practical-1	2	Study the construction features of Domestic Refrigerator.
	practical 2	2	Study the construction features of water cooler.
3	practical 2	4	Study the construction features of water cooler.
4	practical 3	4	Study the construction features of window air conditioner
5	practical 3	2	Study the construction features of window air conditioner
	practical 4	2	Study the construction features of split air conditioner
6	practical 4	4	Study the construction features of split air conditioner
7	practical 5	4	Determine the capacity and cop of vapour compression Refrigerator test rig
8	practical 5	2	Determine the capacity and cop of vapour compression Refrigerator test rig
	practical 6	2	Determine the capacity and cop of water cooler
9	practical 6	4	Determine the capacity and cop of water cooler
10	practical 7	4	Determine the capacity and cop of window air conditioner
11	practical 7	2	Determine the capacity and cop of window air conditioner
	practical 8	2	Determine the capacity and cop of split air conditioner
12	practical 8	4	Determine the capacity and cop of split air conditioner
13	practical 9	4	Determine the capacity and cop of vapour absorption Refrigerator test rig.
14	practical 9	2	Determine the capacity and cop of vapour absorption Refrigerator test rig.
	practical 10	2	Complete charging of a domestic refrigerator and its leak test.
15	practical 10	4	Complete charging of a domestic refrigerator and its leak test.

M Soeren
S Dwibedi
Signature of the Faculty

Signature of the HOD