

UTKAL GOURAV MADHUSUDAN INSTITUTE OF TECHNOLOGY, RAYAGADA
Academic Lesson Plan for Winter Semester- 2022

Name of the Teaching Faculty: Er. Saroj Kumar Sahu
 Semester: 5th
 CONDITIONING LAB
 No. of Periods per Week: 4
 End Semester Exam: 50
 Total Marks: 75

Department: Mechanical Engineering
 Subject: REFRIGERATION AND AIR
 Total Periods: 60
 Sessional: 25
 Practical - 1

Sl. No.	Week	Period	Topic to be covered
1.	1 st	1 st	Study the construction features of Domestic Refrigerator.
2.		2 nd	Do
3.		3 rd	Do
4.		4 th	Do
5.	2 nd	1 st	Do
6.		2 nd	Do
7.		3 rd	Study the construction features of water cooler.
8.		4 th	Do
9.	3 rd	1 st	Do
10.		2 nd	Do
11.		3 rd	Do
12.		4 th	Do
13.	4 th	1 st	Study the construction features of window air conditioner
14.		2 nd	Do
15.		3 rd	Do
16.		4 th	Do
17.	5 th	1 st	Do
18.		2 nd	Do
19.		3 rd	Study the construction features of split air conditioner
20.		4 th	Do
21.	6 th	1 st	Do
22.		2 nd	Do
23.		3 rd	Do
24.		4 th	Do
25.	7 th	1 st	Determine the capacity and cop of vapour compression Refrigerator test rig
26.		2 nd	Do
27.		3 rd	Do
28.		4 th	Do

29.	8 th	1 st	Do
30.		2 nd	Do
31.		3 rd	Determine the capacity and cop of water cooler
32.		4 th	Do
33.	9 th	1 st	Do
34.		2 nd	Do
35.		3 rd	Do
36.		4 th	Do
37.	10 th	1 st	Determine the capacity and cop of window air conditioner
38.		2 nd	Do
39.		3 rd	Do
40.		4 th	Do
41.	11 th	1 st	Do
42.		2 nd	Do
43.		3 rd	Determine the capacity and cop of split air conditioner
44.		4 th	Do
45.	12 th	1 st	Do
46.		2 nd	Do
47.		3 rd	Do
48.		4 th	Do
49.	13 th	1 st	Determine the capacity and cop of vapour absorption Refrigerator test rig.
50.		2 nd	Do
51.		3 rd	Do
52.		4 th	Do
53.	14 th	1 st	Do
54.		2 nd	Do
55.		3 rd	Complete charging of a domestic refrigerator and its leak test.
56.		4 th	Do
57.	15 th	1 st	Do
58.		2 nd	Do
59.		3 rd	Do
60.		4 th	Do

The above lesson plan prepared by the concerned faculty.

Er. Saroj Kumar Sahu

LECTURE, MECHANICAL DEPARTMENT