13th	1st	Compare different refrigerants properties.
	2nd	Compare different refrigerants properties.
14th	1st	Compare different refrigerants properties.
	2nd	Compare different refrigerants properties.
15th	1st	Describe equipment for air conditioning
	2nd	Describe equipment for air conditioning
16th	1st	Describe equipment for air conditioning
	2nd	Describe equipment for air conditioning
17th	1st	Explain the cooling load for the given requirement.
	2nd	Explain the cooling load for the given requirement.
18th	1st	Explain the cooling load for the given requirement.
	2nd	Explain the cooling load for the given requirement.

31/07/23

SIGN OF FACULTY

SIGN OF HOD

LESSON PLAN FOR RAC LAB (5TH SEM WINTER 2023)

Discipline: Mechanical engineering	Semester : 5th Semester	Name of the Teaching faculty: Smt Prity Aniva Xess and Indrajeet Pandit
Subject : REFRIGERATION AND AIRCONDITIONING Lab	No. of Days/Week Class Allotted: 60	No of weeks :18
Week	Class Day	Practical Topics
1st	1st	Introduction of RAC lab
	2nd	Introduction of RAC lab
2nd	1st	Explain about different types of refrigeration system
	2nd	Explain about different types of refrigeration system
3rd	1st	Explain about different types of air-conditioning system
	2nd	Explain about different types of air-conditioning system
4th	1st	Explain the working of open & closed air system of air refrigeration system
	2nd	Explain the working of open & closed air system of air refrigeration system
5th	1st	Explain the working of open & closed air system of air refrigeration system
	2nd	Explain the working of open & closed air system of air refrigeration system
6th	1st	Determination of M.A.,V.R. and efficiency of wheel train
	2nd	Determination of M.A.,V.R. and efficiency of wheel train
7th	1st	Determination of Bending stress in beam using strain gauge
	2nd	Determination of Bending stress in beam using strain gauge
8th	1st	Study of Universal Testing Machine and determination of tensile stress and Young's module of M.S specification
	2nd	Study of Universal Testing Machine and determination of tensile stress and Young's module of M.S specification.
9th	1st	Explain Vapor Compression refrigeration system.
	2nd	Explain Vapor Compression refrigeration system.
10th	1st	Explain Vapor Compression refrigeration system.
	2nd	Explain Vapor Compression refrigeration system.
11th	1st	Explain Vapor Absorption refrigeration system.
	2nd	Explain Vapor Absorption refrigeration system.
12th	1st	Explain Vapor Absorption refrigeration system.
	2nd	Explain Vapor Absorption refrigeration system.