SESSION:		WINTER 2023						
BRANCH: SEMESTER: SUBJECT:		MECHANICAL ENGINEERING 5TH SEC-A						
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				ACILITY			CHANDRAKANTA PATHI	
MAIVIE	OF THE FA							
SL NO.	монтн	CHAPT. NO.	DATE	TOPICS TO BE COVERED	NO. OF ACADEMIC DAYS AVAILABLE FOR THE SUBJECT	% COVERED		
			5/8/2023	CH-1,1.1:Definition of refrigeration and unit of refrigeration.				
	1		8/8/2023	1.2: Definition of COP, Refrigerating effect (R.E.)				
		1	9/8/2023	1.3: Principle of working of open and closed air system of refrigeration				
			10/8/2023	Calculation of COP of Bell-Coleman cycle and numerical on it.				
			12/8/2023	PROBLEM				
			16/8/23	PROBLEM				
	NI COLONIA DE LA		17/8/23	PROBLEM				
			19/8/23	PROBLEM				
	AUGUST		21/8/23	2.1: schematic diagram of simple vapors compression refrigeration system'	16	30%		
1		-	22/8/23	2.2: Types Cycle with dry saturated vapors after compression.				
-		t	23/8/23					
				Cycle with wet vapors after compression				
		2	24/8/23	PROBLEM				
		- h	26/8/23	PROBLEM	_			
			28/8/23	2.3:Cycle with superheated vapors after compression.				
		- T	29/8/23	PROBLEM				
			31/8/23	2.4: Cycle with superheated vapors before compression.2.2.5 Cycle with sub cooling of refrigeran				
		2	2/9/2023	2.6: Representation of above cycle on temperature entropy and pressure entha diagram				
	SEPT.		4/9/2023	CH-3,3.1: Simple vapor absorption refrigeration system	16	3		
		3	5/9/2023	3.2: Practical vapor absorption refrigerat system	ion			

SALES AND RESIDENCE

				7/9/2023	Practical vapor absorption refrigeration		
					system	1	1
1				9/9/2023	3.3: COP of an ideal vapor absorption		
1			3	, ,	refrigeration system	ALCOHOL:	
1				11/9/2023	3.4:PROBLEM		100
1				12/9/2023	PROBLEM		
				13/9/23	CH-4,4.1: Principle of working and		1000
					constructional details of reciprocating and		
					rotary compressors.		
				16/9/23			
					4.1.2: Centrifugal compressor only theory		
				21/9/23	4.1.3; Important terms		
				23/9/23	4.1.4: Hermetically and semi hermetically		
		SEPT.			sealed compressor.	16	30%
				25/9/23	4.2: Principle of working and constructional		
- 1			4		details of air cooled and water cooled		
					condenser		
				26/9/23	4.2.2: Heat rejection ratio		
				27/9/23	4.2.3: Cooling tower and spray pond.	1	
Total Section				28/9/23	4.3: Principle of working and constructional		
					details of an evaporator. Types of		
					evaporator.Bare tube coil evaporator, finned evaporator, shell and tube		
					evaporator		
					Evaporator		
	2		5	30/9/23	5.1 &5.2 EXPANSION VALVES		
	4		,		REFRIGERANTS		
			5	3/10/2023	5.3 Applications of refrigeration		
				4/10/2023	1		
				5//10/23	Psychometric terms		
				7/10/2023	6.2: Adiabatic saturation of air by		
					evaporation of water		
					6.3:Psychometric chart and uses.		
		ост.		9/10/2023	6.4: Psychometric processes		
6		901.	6	3/10/2023	Sensible heating and Cooling	9	17%
					Sensible neating and Cooling		
				10/10/2023	Cooling and Dehumidification		
				11/10/2023			
				12/10/2023			
				31/10/23	Total heating of a cooling process		
					SHF, BPF		
				1/11/2023	Adiabatic mixing		
					Problems on above		
				2/11/2023	PROBLEM		
			.6	4/11/2023	PROBLEM		
	1000	NOV.	~	6/11/2023	PROBLEM		
		PROFF		7/11/2023	PROBLEM	12	23%
				2/11/2023	6.5: EFFECTIE TEMPRATURE AND COMFORT		
					CHART		
			7	9/11/2023	GH-7,7.1: Factors affecting comfort air	1	
			,		conditioning.		
	-			The second second		2	1

			13/11/23	7.2: Equipment used in an air-conditioning		
			14/11/23	7.3: Classification of air-conditioning 7.4: system Winter Air Conditioning System		
3	NOV.	7	15/11/23	7.5: Summer air-conditioning system. Numerical on above	12	23%
			16/11/23	7.5: Summer air-conditioning system. Numerical on above		
			18/11/23	7.5: Summer air-conditioning system. Numerical on above		

BRIEF SUMMARY OF THE PLAN					
SL NO.	монтн	UNIT/CHAPTER TO BE COVERED	% COVERAGE		
1	AUGUST	CHAPTER NO 1 & 2	30%		
2	SEPTEMBER	CHAPTER NO 2, 3, 4 & 5	30%		
3	OCTOBER	CHAPTER NO 5 & 6	17%		
4	NOVEMBER	CHAPTER NO 6 & 7	23%		

signature of Cabulty (7)

signature of Hop 8123

signature of Arincipal