

Lesson Plan

Subject TE-11 (Code) TH-4 Name of faculty Dr. Sangram Bernal
 Semester 4th Class allotted 04/week Branch mechanical

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	14-02-23	mechanical and indicated mean effective pressure		whole board marked
	to	Relative, brake thermal, over efficiency mean effective pressure, specific fuel consumption		
	17-02-23	AF Ratio, calorific value fuel		
2	20-02-23	numerical problem		//
	to	numerical problem		
	25-02-23	numerical problem		
3	27-02-23	function of A/C compressor and industrial use of A/C compressor		//
	to	classify and operation of A/C compressor		
	04-03-23	working principle of reciprocating A/C compressor		
4	06-03-23	terminology of A/C compressor		//
	to	derive workdone single stage A/C comp with or without clearance		
	11-03-23	numerical problem		
5	12-03-23	numerical problem		//
	to	numerical problem		
	18-03-23	numerical problem		
6	20-03-23	difference between gas and vapour formation of steam		//
	to	representation of p-v-t, h-s diagram		
	25-03-23	use of steam table and master chart		
7	27-03-23	numerical problem		//
	to	numerical problem		
	31-03-23	numerical problem		

Signature of HOD

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Week	Date/Period	Theory/ Practical - Topics/Lesson CLASSROOM/WORK OF BOILER	Teaching Aid
8	03-04-23	TERM OF BOILER	whole board % MARK @
	to	COMPARISON WATER TUBE AND FIRE TUBE BOILER.	
	08-04-23	WORKING OF COCHRAN BOILER.	
9	10-04-23	WORKING OF BABCOCK & WILCOX BOILER	//
	to	BOILER DRAUGHT.	
	15-04-23	BOILER MOUNTING ACCESSORIES SUPERHEATED	
10	17-04-23	ECONOMISER	//
	to	AND PREHEATER	
	20-04-23	BOILER MOUNTING CORNISH CYCLE WITH VAPOR	
11	24-04-23	RANKINE CYCLE	//
	to	VARIABLES AND CONDITION OF RANKINE CYCLE.	
	29-04-23	REHEAT CYCLE REGENERATIVE CYCLE	
12	01-05-23	NUMERICAL PROBLEM	//
	to	NUMERICAL PROBLEM	
	06-05-23	NUMERICAL PROBLEM	
13	08-05-23	MODE OF HEAT TRANSFER	//
	to	FUNDAMENTAL LAWS OF HEAT CONDUCTION NEWTON'S LAW OF COOLING. STEFAN BOLZMANN & WETZCHOFF LAW	
	13-05-23		
14	15-05-23	BLACK BODY RADIATION	//
	to	EMISSIVITY, ABSORPTIVITY, TRANSMISSIBILITY.	
	20-05-23	REVISION REVISION	
15	22-05-23	REVISION	//
	to	REVISION	
	23-05-23	REVISION REVISION	

Signature of HOD

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