

Lesson Plan

Subject PSE (Code) TH-3 Name of faculty Sarbeswar Rout
 Semester 6th 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	Source of energy.		where board marked
	15-02-23	central and captive power station		
	17-02-23	classify power plant		
2	20-02-23	Importance of electrical power in daily life.		//
	21-02-23	method of electrical power generation		
	22-02-23	layout of steam power plant		
	25-02-23	Rankine cycle.		
3	27-02-23	Rankine cycle.		//
	28-02-23	Rankine problem		
	01-03-23	Rankine numerical problem		
	04-03-23	Rankine numerical problem		
4	06-03-23	Boiler accessories		//
	07-03-23	Superheated.		
	11-03-23	Economiser		
5	13-03-23	Air preheater, Electrostatic precipitator		//
	14-03-23	need of boiler monitoring.		
	15-03-23	Boiler draught		
	18-03-23	Boiler draught advantage & disadvantage.		
6	20-03-23	Steam turbine advantage & disadvantage.		//
	21-03-23	component of steam turbine		
	25-03-23	composition of steam turbine		
7	27-03-23	governor of steam turbine		//
	28-03-23	steam turbine numerical problem		
	29-03-23	steam turbine numerical problem		
	31-03-23	condensers & its classify		
		wet condenser.		

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	08-04-23	see surface condensed	white board
	to	cooling tower Spray pond	
	08-04-23	safe selection of thermal power plant	
9	10-04-23	classification of nuclear power	//
	to	working of nuclear power plant component of nuclear reactor	
	15-04-23		
10	17-04-23	compare nuclear and thermal power plant.	//
	to	disposal of nuclear waste. safe selection of nuclear power plant	
	21-04-23	cost of nuclear power station	
11	24-04-23	Advantage & disadvantage of diesel power plant	//
	to	Fuel and storage & fuel supply system. fuel injection system.	
	29-04-23	Air supply system & exhaust system.	
12	01-05-23	Cooling system & starting system	//
	to	Governing system safe selection of diesel power plant	
	06-05-23	performance and thermal efficiency of diesel electric power station	
13	08-05-23	Advantage and disadvantage of hydro power plant	//
	to	selection site of hydro power station cost of hydro power station with their capacities and number of units in the state.	
	13-05-23	simple numerical problem.	
14	15-05-23	safe selection of gas turbine plant.	//
	to	fuel for gas turbine. elements of gas turbine power plant	
	20-05-23	merit and demerits.	
15	22-05-23	Application of gas turbine plant	//
	to	Reversion	
	23-05-23	Reversion	

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