

ARYAN SCHOOL OF ENGINEERING & TECHNOLOGY

appropries	Group of December 2 Marian Scriptor					
Dicipline:	Mechantical.	Semester: 6th	Name of the Teaching Faculty: 13 hagyashree	e Panda		
Subject: P. S.E		No of Days/Week Class Allotted: 4	Semester From date: <u>13 /08 /23</u> To date <u> ඉ3/05 /გ3</u>	No.of Weeks:		
WEEK	Class Day	Theory Topics				
1	1st	Describe sources of energy				
	2nd	Concept of central & captive power station				
	3rd	classity poweru plants				
	4th	Importance of electrical power in day to day life.				
	5th					
	1st	-Overview of method of electrical power generation				
	2nd	Layout of steam power stations				
2	3rd	Stearn power cycle				
	4th	Explain Rankine cycle with p-v & T-s diagram				
-	5th					
3	1st	Determine theremal efficiency, work done, work-				
	2nd	Solve simple problems				
	3rd	List of thermal power station in the state				
	4th	Boiler accessories				
	5th					

WEEK	Class Day	Theory Topics		
Α	1st	Operation of air-preheater, operation of economiser, operation of electro-static precipita		
	2nd	Need of boiler mounting		
	3rd	Operation of boiler		
	4th	Dreaught system		
	5th			
	1st	Advantages & drs-advantages of arranght system		
5	2nd	Steam prime movercs		
	3rd	Advantages & dz's-adv. Of steam turbine		
	4th	Elements of steam tourbine		
•	5th			
	1st	Governing of steam turbine		
6	2nd	Pertormance of steam touchine		
	3rd	Explain thermal efficiency		
	4th	Steam condensor (+n, & condensor)		
	5th			



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Dicipline:	Mechanical	Semester: 64h	Name of the Teaching Faculty: Bhagypishice	e Parda
Subject: P₁S₁E		No of Days/Week Class Allotted:	Semester From date: <u>13/০৯/এস</u> To date <u>გე/০৮/৯৮</u>	No.of Weeks:
WEEK	Class Day	Theory Topics		
	1st	Classification of conclensor		
	2nd	Condensar extraction pump		
7	3rd	Azrc extract	ton pump of ctrcculating po	emp.
	4th	Cooling towers.		
	5th			
	1st	Function & types of cooling towers & spreay pends.		
	2nd	Selection of site for thermal power station.		
g	3rd	Classify nuclear Fael		
SL TON	4th	Explain tasion & Fression reaction.		
	5th			
9	1st	Explain working of nuclear power plants		
	2nd	Explain working & construction of nuclear reactors.		
	3rd	Compare nuclear & thermal plants		
	4th	Revision of	above topécs.	
	5th			

WEEK	Class Day	Theory Topics			
,0	1st	Explain the disposal of nuclear waste.			
	2nd	Selection of site for nuclear power station.			
	3rd	List of nuclear power stations.			
	4th	Nucleur power station detailed diagram			
	5th				
	1st	state advantage & dis-adv. Of diesel electric			
	2nd	Explain briefly different systems of diesel electric power system.			
1/	3rd	Fuel storage & tuel supply system.			
	4th	Fael injection system			
	5th				
	1st	Air-supply system			
12	2nd	Lubrication system			
	- 3rd	Governing system.			
	4th	Selection of site for diesel electric powers			
	5th				



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English of the section of the Inchinate of					
Dicipline:	Mech.	Semester: 61h	Name of the Teaching Faculty: Pshagyoush reed	Panda	
Subject:	P.S.E	No of Days/Week Class Allotted: 4	Semester From date: <u>13/02/23</u> To date <u>23/05/23</u>	No.of Weeks:	
WEEK	Class Day	Theory Topics			
	1st	Pertormance & efficiency of diesel electric power station.			
13	2nd	Adv. 8 dzs-adv, of hydro-electric power plant			
	3rd	Classify & explation hydron electric project			
	4th	Selection of site forchydel electric plant.			
	5th				
*	1st	List of hydren-electric power station on the state.			
	2nd	Types of turbine & generator used.			
	3rd	Simple problems.			
	4th	Selection of site for gos power station.			
	5th				
	1st	Fuels of gas	tarbine.		
15	2nd	Elements of simple opu turbine power plants.			
	3rd	Mercit, demercit of gas turbine pauer plant.			
	4th	Application of gos turbine power plant.			
	5th	6.			