

PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



PROGRESS REGISTER Session-2022-2023

Discipline: Mechanical Engg

Semester:..... 6th Subject:..... PSE

Name of the Teaching Faculty: Y. S. Barik

Subject: PSI No. of Days/per week class allotted 04

Semester From Date: 14/02/22 To Date: 23/05/22 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
	Source of energy	Source of energy	Source of energy	<i>[Signature]</i>
	Content & Chapter P1	Content & Chapter P1	Content & Chapter P1	<i>[Signature]</i>
	Classification of P1	Classification of P1	Classification of P1	<i>[Signature]</i>
	Electrical Power	Electrical Power	Electrical Power	<i>[Signature]</i>
	Method of Electrical power generator.	Method of electrical power generator.	Method of electrical power generator.	<i>[Signature]</i>
	Steam Power Plant	Steam P.P.	Steam P.P.	<i>[Signature]</i>
	Plant layout	Plant layout	Plant layout	<i>[Signature]</i>
	Steam power cycle	Steam power cycle	Steam power cycle	<i>[Signature]</i>
	Rankine cycle	Rankine cycle	Rankine cycle	<i>[Signature]</i>
	Rankine cycle	Rankine cycle	Rankine cycle	<i>[Signature]</i>
	P.V. G.S. H.S Diagram	P.V. G.S. H.S Diagram	P.V. G.S. H.S Diagram	<i>[Signature]</i>

Subject: PSI No. of Days/per week class allotted 04

Semester From Date: _____ To Date: _____ No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
	Efficiency.	Efficiency	Efficiency, work done, work ratio, specific steam consumption.	Y/Ban
	Simple problems	Simple problems	Simple problem	Y/Ban
	List of power plants	List of power plants	List of power plants & their capacities	Y/Ban
	Boiler accessories	Boiler accessories	Boiler accessories	Y/Ban
	Economiser	Economiser	Economiser	Y/Ban
	E.S.P.	E.S.P.	E.S.P.	Y/Ban
	Super heater	Super heater	Super heater	Y/Ban
	Draughts	Draughts	Draughts	Y/Ban
	Steam prime movers	Steam prime movers.	Steam prime movers. Advantages & Disadvantages	Y/Ban
	Elements	Elements	Elements of steam turbines	Y/Ban
	Efficiency	Efficiency	Stage Efficiency, Gross efficiency.	Y/Ban

Subject: PSE No. of Days/per week class allotted 07

Semester From Date : _____ To Date : _____ No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
	Steam Condenser	Steam Condenser	Steam Condenser	<i>[Signature]</i>
	Cooling towers	Cooling towers,	Cooling towers	<i>[Signature]</i>
	Selection of site for thermal P.S.	Selection of site for thermal P.S.	Selection of site for thermal P.S.	<i>[Signature]</i>
	Nuclear P.S.	Nuclear P.S.	Nuclear P.S.	<i>[Signature]</i>
	Classification of Nuclear fuel.	Classification of Nuclear fuel	Classification of nuclear fuel	<i>[Signature]</i>
	Fusion & Fission Reaction	Fusion & Fission Reaction.	Fusion & Fission Reaction	<i>[Signature]</i>
	Working of Nuclear P.S.	Working of Nuclear P.S.	Working of Nuclear P.S.	<i>[Signature]</i>
	Nuclear Reactor.	Nuclear Reactor	Nuclear Reactor	<i>[Signature]</i>
	Working & construction of nuclear Reactor.	Working & construction of nuclear Reactor	Working & construction of nuclear Reactor	<i>[Signature]</i>
	Compare nuclear & thermal P.S.	Compare nuclear & thermal P.S.	Compare nuclear & thermal P.S.	<i>[Signature]</i>
	Disposal of nuclear waste	Disposal of nuclear waste	Disposal of nuclear waste	<i>[Signature]</i>

Subject: PSI No. of Days/per week class allotted 01

Semester From Date : _____ To Date : _____ No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (In brief)	Signature of Teacher
	Selection of site	Selection of site	Selection of site for nuclear P.S.	<i>[Signature]</i>
	List of nuclear P.S.	List of nuclear P.S.	List of nuclear P.S.	<i>[Signature]</i>
	Diesel P.S.	Diesel P.S.	Diesel P.S.	<i>[Signature]</i>
	Advantages & disadvantages.	Advantages & disadvantages.	Advantages & disadvantages.	<i>[Signature]</i>
	Systems of diesel P.S.	System of diesel P.S.	Systems of diesel P.S.	<i>[Signature]</i>
	Fuel system	Fuel system	Fuel system	<i>[Signature]</i>
	Air system	Air system	Air system	<i>[Signature]</i>
	Cooling system	Cooling system	Cooling system	<i>[Signature]</i>
	Site selection	Site selection	Site selection	<i>[Signature]</i>
	Performance	Performance	Performance	<i>[Signature]</i>
	Thermal efficiency	Thermal efficiency	Thermal efficiency	<i>[Signature]</i>

subject: PSI

Semester From Date : _____ No. of Days/ per week class allotted 07

To Date : _____ No. of Weeks : 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
	Applications	Applications	Applications	<i>[Signature]</i>
	Hydel power station	Hydel Power station	Hydel P.S	<i>[Signature]</i>
	Advantages & disadvantages	Advantages & disadvantages	Advantages & dis-advantages	<i>[Signature]</i>
	Classification of Hydel P.S.	Classification of Hydel P.S.	Classification of Hydel P.S.	<i>[Signature]</i>
	Storage type hydroelectric P.S.	Storage type hydroelectric P.S.	Storage type hydroelectric P.S.	<i>[Signature]</i>
	Explain general arrangements	Explain general arrangements.	Explain general arrangements	<i>[Signature]</i>
	Operations	Operations	Operations & working.	<i>[Signature]</i>
	Selection of site	Selection of site	Selection of site	<i>[Signature]</i>
	List of Hydel P.S.	List of Hydel P.S.	List of Hydel P.S. & capacities	<i>[Signature]</i>
	Prev yr. questions	Prev Year questions	Possible	<i>[Signature]</i>