

STUDY PLAN

Rahul Sir : Hydraulic Machines			Rahul Sir : Power Plant Engineering		
Date	Title	Timing	Date	Title	Timing
Thursday, September 10, 2026	Impact of jet	7PM - 8.30PM	Monday, September 21, 2026	Basic Introduction	4PM-5PM
Friday, September 11, 2026	Turbine basic , classification	7PM - 8.30PM	Tuesday, September 22, 2026	Types of Coal & Fuels	4PM-5PM
Monday, September 14, 2026	Pelton wheel , francis , kaplan turbine	7PM - 8.30PM	Wednesday, September 23, 2026	Coal Detailed Study	4PM-5PM
Tuesday, September 15, 2026	Pump-1	7PM - 8.30PM	Thursday, September 24, 2026	Steam Power Plant (Thermal) - Analysis-1	4PM-5PM
Wednesday, September 16, 2026	Pump-2	7PM - 8.30PM	Friday, September 25, 2026	Steam Power Plant (Thermal) - Analysis-2	4PM-5PM
Thursday, September 17, 2026	Live doubt and miscellaneous-1	7PM - 8.30PM	Monday, September 28, 2026	Steam Power Plant (Thermal) - Analysis-3	4PM-5PM
Friday, September 18, 2026	Live doubt and miscellaneous-2	7PM - 8.30PM	Tuesday, September 29, 2026	Rankine Cycle-1	4PM-5PM
Monday, September 21, 2026	Live doubt and miscellaneous-3	7PM - 8.30PM	Wednesday, September 30, 2026	Rankine Cycle-2	4PM-5PM
Rahul Sir : Strength of materials			Thursday, October 1, 2026	Boilers-1	4PM-5PM
			Monday, October 5, 2026	Boilers-2	4PM-5PM
			Tuesday, October 6, 2026	Boilers-3	4PM-5PM
Date	Title	Timing	Wednesday, October 7, 2026	Steam Turbine	4PM-5PM
Tuesday, September 22, 2026	Bending in Beam-1	7PM - 8.30PM	Thursday, October 8, 2026	Nozzle & Compressor-1	4PM-5PM
Wednesday, September 23, 2026	Bending in Beam-2	7PM - 8.30PM	Friday, October 9, 2026	Nozzle & Compressor-2	4PM-5PM
Thursday, September 24, 2026	Bending in Beam-3	7PM - 8.30PM	Monday, October 12, 2026	Nozzle & Compressor-3	4PM-5PM
Friday, September 25, 2026	Torsion in Shaft-1	7PM - 8.30PM	Tuesday, October 13, 2026	Miscellaneous Numericals-1	4PM-5PM
Monday, September 28, 2026	Torsion in Shaft-2	7PM - 8.30PM	Wednesday, October 14, 2026	Miscellaneous Numericals-2	4PM-5PM
Tuesday, September 29, 2026	Combined Stresses-1	7PM - 8.30PM	Rakesh Sir : Engineering Mechanics		
Wednesday, September 30, 2026	Combined Stresses-2	7PM - 8.30PM	Date	Title	Timing

Thursday, October 1, 2026	Combined Stresses-3	7PM - 8.30PM	Thursday, October 15, 2026	Basic of forces-1	4PM-5PM
Monday, October 5, 2026	Mohr Circle-1	7PM - 8.30PM	Friday, October 16, 2026	Basic of forces-2	4PM-5PM
Tuesday, October 6, 2026	Mohr Circle-2	7PM - 8.30PM	Monday, October 19, 2026	Basic of forces-3	4PM-5PM
Wednesday, October 7, 2026	SFD & BMD-1	7PM - 8.30PM	Tuesday, October 20, 2026	Basic of forces-4	4PM-5PM
Thursday, October 8, 2026	SFD & BMD-2	7PM - 8.30PM	Wednesday, October 21, 2026	Basic of forces-5	4PM-5PM
Friday, October 9, 2026	SFD & BMD-3	7PM - 8.30PM	Thursday, October 22, 2026	Types of beam-1	4PM-5PM
Monday, October 12, 2026	SFD & BMD-4	7PM - 8.30PM	Friday, October 23, 2026	Types of beam-2	4PM-5PM
Tuesday, October 13, 2026	Slope & Deflection-1	7PM - 8.30PM	Monday, October 26, 2026	Concepts of friction-1	4PM-5PM
Wednesday, October 14, 2026	Slope & Deflection-2	7PM - 8.30PM	Tuesday, October 27, 2026	Concepts of friction -2	4PM-5PM
Thursday, October 15, 2026	Columns & Struts	7PM - 8.30PM	Wednesday, October 28, 2026	Concepts of friction -3	4PM-5PM
Friday, October 16, 2026	Thin & Thick Cylinder	7PM - 8.30PM	Thursday, October 29, 2026	Moment of Inertia-1	4PM-5PM
Monday, October 19, 2026	Theory of Failure-1	7PM - 8.30PM	Friday, October 30, 2026	Moment of Inertia-2	4PM-5PM
Tuesday, October 20, 2026	Theory of Failure-2	7PM - 8.30PM	Monday, November 2, 2026	Moment of Inertia-3	4PM-5PM
Wednesday, October 21, 2026	Springs	7PM - 8.30PM	Tuesday, November 3, 2026	Conservation of momentum and energy-1	4PM-5PM
Thursday, October 22, 2026	Basic Introduction	7PM - 8.30PM	Wednesday, November 4, 2026	Conservation of momentum and energy-2	4PM-5PM
Friday, October 23, 2026	Types of Loads & Classification-1	7PM - 8.30PM	Rahul Sir : RAC		
Monday, October 26, 2026	Types of Loads & Classification-2	7PM - 8.30PM	Date	Title	Timing
Tuesday, October 27, 2026	Stress & Strain (Basics)-1	7PM - 8.30PM	Thursday, November 5, 2026	Basic Introduction	4PM-5PM
Wednesday, October 28, 2026	Stress & Strain (Basics)-2	7PM - 8.30PM	Friday, November 6, 2026	VCRS Intro + Ideal Refrigeration Cycle	4PM-5PM
Thursday, October 29, 2026	Stress & Strain (Basics)-3	7PM - 8.30PM	Monday, November 9, 2026	VCRS Cycle Analysis (COP etc.)	4PM-5PM
Friday, October 30, 2026	Stress-Strain Curve	7PM - 8.30PM	Tuesday, November 10, 2026	VCRS Performance Analysis	4PM-5PM
Monday, November 2, 2026	Failure under Different Loading	7PM - 8.30PM	Wednesday, November 11, 2026	Reverse Brayton (Bell-Coleman) Cycle	4PM-5PM
Tuesday, November 3, 2026	Elastic Constants	7PM - 8.30PM	Thursday, November 12, 2026	Cascade Refrigeration System	4PM-5PM

Wednesday, November 4, 2026	Deformation (Series & Parallel)-1	7PM - 8.30PM	Friday, November 13, 2026	Refrigerants Definition	4PM-5PM
Thursday, November 5, 2026	Deformation (Series & Parallel)-2	7PM - 8.30PM	Monday, November 16, 2026	Properties of Refrigerants	4PM-5PM
Friday, November 6, 2026	Strain Energy due to Self Weight	7PM - 8.30PM	Tuesday, November 17, 2026	Psychrometry Introduction	4PM-5PM
Monday, November 9, 2026	Strain Energy-1	7PM - 8.30PM	Wednesday, November 18, 2026	Psychrometric Chart Processes	4PM-5PM
Tuesday, November 10, 2026	Strain Energy-2	7PM - 8.30PM	Thursday, November 19, 2026	Psychrometric Chart Numericals	4PM-5PM
Wednesday, November 11, 2026	Moment of Inertia-1	7PM - 8.30PM	Friday, November 20, 2026	Refrigeration Devices (Working & Material)	4PM-5PM
Thursday, November 12, 2026	Moment of Inertia-2	7PM - 8.30PM			
Friday, November 13, 2026	Thermal Stress-1	7PM - 8.30PM			
Monday, November 16, 2026	Thermal Stress-2	7PM - 8.30PM			
Tuesday, November 17, 2026	Beams (CRM)-1	7PM - 8.30PM			
Wednesday, November 18, 2026	Beams (CRM)-2	7PM - 8.30PM			
Thursday, November 19, 2026	Beams (CRM)-3	7PM - 8.30PM			

Rakesh Sir : IC Engine			Rakesh Sir : Machine Design		
Date	Title	Timing	Date	Title	Timing
Wednesday, September 16, 2026	Basic Introduction & Terminology	5 PM - 6 PM	Tuesday, September 8, 2026	Basic Introduction	3 PM - 4.00 PM
Thursday, September 17, 2026	Air Standard Cycle + Otto Cycle Intro	5 PM - 6 PM	Wednesday, September 9, 2026	Design against Static Loading	3 PM - 4.00 PM
Friday, September 18, 2026	Otto Cycle Detailed	5 PM - 6 PM	Thursday, September 10, 2026	Design against Fluctuating Loading-1	3 PM - 4.00 PM
Monday, September 21, 2026	Diesel Cycle	5 PM - 6 PM	Friday, September 11, 2026	Design against Fluctuating Loading-2	3 PM - 4.00 PM
Tuesday, September 22, 2026	Dual Cycle + Numericals	5 PM - 6 PM	Monday, September 14, 2026	Bolted Joints-1	3 PM - 4.00 PM
Wednesday, September 23, 2026	Efficiency Comparison of Cycles-1	5 PM - 6 PM	Tuesday, September 15, 2026	Bolted Joints-2	3 PM - 4.00 PM
Thursday, September 24, 2026	Efficiency Comparison of Cycles-2	5 PM - 6 PM	Wednesday, September 16, 2026	Riveted Joints-1	3 PM - 4.00 PM
Friday, September 25, 2026	Performance Analysis-1	5 PM - 6 PM	Thursday, September 17, 2026	Riveted Joints-2	3 PM - 4.00 PM

Monday, September 28, 2026	Performance Analysis-1	5 PM - 6 PM	Friday, September 18, 2026	Belt Drive-1	3 PM - 4.00 PM
Tuesday, September 29, 2026	SI Engine Combustion-1	5 PM - 6 PM	Monday, September 21, 2026	Belt Drive-2	3 PM - 4.00 PM
Wednesday, September 30, 2026	SI Engine Combustion-2	5 PM - 6 PM	Tuesday, September 22, 2026	Belt Drive-3	3 PM - 4.00 PM
Thursday, October 1, 2026	CI Engine Combustion-1	5 PM - 6 PM	Wednesday, September 23, 2026	Clutches-1	3 PM - 4.00 PM
Friday, October 2, 2026	CI Engine Combustion-2	5 PM - 6 PM	Thursday, September 24, 2026	Clutches-2	3 PM - 4.00 PM
Monday, October 5, 2026	Carburetor	5 PM - 6 PM	Friday, September 25, 2026	Brakes-1	3 PM - 4.00 PM
Tuesday, October 6, 2026	Fuel Quality & A/F Ratio	5 PM - 6 PM	Monday, September 28, 2026	Brakes-2	3 PM - 4.00 PM
Wednesday, October 7, 2026	Octane & Cetane Number	5 PM - 6 PM	Tuesday, September 29, 2026	Bearings-1	3 PM - 4.00 PM
Thursday, October 8, 2026	Cooling System	5 PM - 6 PM	Wednesday, September 30, 2026	Bearings-2	3 PM - 4.00 PM
Friday, October 9, 2026	Lubrication System	5 PM - 6 PM	Thursday, October 1, 2026	Bearings-3	3 PM - 4.00 PM
Rakesh Sir : Material Science			Monday, October 5, 2026	Design of Gears	3 PM - 4.00 PM
Date	Title	Timing	Tuesday, October 6, 2026	Miscellaneous-1	3 PM - 4.00 PM
Monday, October 12, 2026	Introduction-1	5 PM - 6 PM	Wednesday, October 7, 2026	Miscellaneous-2	3 PM - 4.00 PM
Tuesday, October 13, 2026	Crystalline Materials-1	5 PM - 6 PM	Rakesh Sir : Theory of machines		
Wednesday, October 14, 2026	Crystalline Materials-2	5 PM - 6 PM	Date	Title	Timing
Thursday, October 15, 2026	Steel-1	5 PM - 6 PM	Thursday, October 8, 2026	Basic Introduction	3 PM - 4.00 PM
Friday, October 16, 2026	Heat treatment of steel-1	5 PM - 6 PM	Friday, October 9, 2026	Kinematic Pair & Classification-1	3 PM - 4.00 PM
Monday, October 19, 2026	Cast Iron	5 PM - 6 PM	Saturday, October 10, 2026	Kinematic Pair & Classification-2	3 PM - 4.00 PM
Rakesh Sir : Industrial Engineering			Sunday, October 11, 2026	Degree of Freedom (DOF)	3 PM - 4.00 PM
Date	Title	Timing	Monday, October 12, 2026	DOF Numericals-1	3 PM - 4.00 PM
Wednesday, September 16, 2026	Introduction & BEA-1	5 PM - 6 PM	Tuesday, October 13, 2026	DOF Numericals-2	3 PM - 4.00 PM
Thursday, September 17, 2026	Introduction & BEA-2	5 PM - 6 PM	Wednesday, October 14, 2026	Grashof's Law	3 PM - 4.00 PM
Friday, September 18, 2026	Inventory-1	5 PM - 6 PM	Thursday, October 15, 2026	Inversions (Four Bar & Slider)-1	3 PM - 4.00 PM

Monday, September 21, 2026	Inventory-2	5 PM - 6 PM	Friday, October 16, 2026	Inversions (Four Bar & Slider)-2	3 PM - 4.00 PM
Tuesday, September 22, 2026	Inventory-3	5 PM - 6 PM	Monday, October 19, 2026	Instantaneous Center	3 PM - 4.00 PM
Wednesday, September 23, 2026	Inventory-4	5 PM - 6 PM	Tuesday, October 20, 2026	Flywheel-1	3 PM - 4.00 PM
Thursday, September 24, 2026	Sequencing-1	5 PM - 6 PM	Wednesday, October 21, 2026	Flywheel-2	3 PM - 4.00 PM
Friday, September 25, 2026	Sequencing-2	5 PM - 6 PM	Thursday, October 22, 2026	Governor Intro	3 PM - 4.00 PM
Monday, September 28, 2026	Sequencing-3	5 PM - 6 PM	Friday, October 23, 2026	Governor Classification	3 PM - 4.00 PM
Tuesday, September 29, 2026	PERT & CPM-1	5 PM - 6 PM	Monday, October 26, 2026	Governor Performance	3 PM - 4.00 PM
Wednesday, September 30, 2026	PERT & CPM-2	5 PM - 6 PM	Tuesday, October 27, 2026	Gears Intro & Classification-1	3 PM - 4.00 PM
Thursday, October 1, 2026	PERT & CPM-3	5 PM - 6 PM	Wednesday, October 28, 2026	Gears Intro & Classification-2	3 PM - 4.00 PM
Monday, October 5, 2026	PERT & CPM-4	5 PM - 6 PM	Thursday, October 29, 2026	Gear Terminology	3 PM - 4.00 PM
Tuesday, October 6, 2026	PERT & CPM-5	5 PM - 6 PM	Friday, October 30, 2026	Gear Analysis	3 PM - 4.00 PM
Wednesday, October 7, 2026	PERT & CPM-6	5 PM - 6 PM	Monday, November 2, 2026	Gear Interference	3 PM - 4.00 PM
Thursday, October 8, 2026	Forecasting-1	5 PM - 6 PM	Tuesday, November 3, 2026	Balancing-1	3 PM - 4.00 PM
Friday, October 9, 2026	Forecasting-2	5 PM - 6 PM	Wednesday, November 4, 2026	Balancing-2	3 PM - 4.00 PM
Monday, October 12, 2026	Forecasting-3	5 PM - 6 PM	Thursday, November 5, 2026	Vibrations-1	3 PM - 4.00 PM
Tuesday, October 13, 2026	Forecasting-4	5 PM - 6 PM	Friday, November 6, 2026	Vibrations-2	3 PM - 4.00 PM
Wednesday, October 14, 2026	Queing Theory-1	5 PM - 6 PM	Monday, November 9, 2026	Vibrations-3	3 PM - 4.00 PM
Thursday, October 15, 2026	Queing Theory-2	5 PM - 6 PM	Tuesday, November 10, 2026	Cam & Follower-1	3 PM - 4.00 PM
Friday, October 16, 2026	Linear programming-1	5 PM - 6 PM	Wednesday, November 11, 2026	Cam & Follower-2	3 PM - 4.00 PM
Monday, October 19, 2026	Linear programming-2	5 PM - 6 PM			
Tuesday, October 20, 2026	Linear programming-3	5 PM - 6 PM			
Wednesday, October 21, 2026	Transportation-1	5 PM - 6 PM			
Thursday, October 22, 2026	Transportation-2	5 PM - 6 PM			

Friday, October 23, 2026	Assignment-1	5 PM - 6 PM			
Monday, October 26, 2026	Assignment-2	5 PM - 6 PM			
Tuesday, October 27, 2026	MRP-1	5 PM - 6 PM			
Wednesday, October 28, 2026	MRP-2	5 PM - 6 PM			

