

## STUDY PLAN

Rahul sir Strength of Materials				Industrial Engineering				RAC			
Date	Chapter	Title	Timing					Date	Chapter	Title	Timing
Saturday, January 24, 2026	Orientation	Orientation	7 PM - 8 PM	Date	Chapter	Title	Timing	Wednesday, July 22, 2026	Orientation	Orientation	6 PM - 7 PM
Tuesday, January 27, 2026	STRESS AND STRAIN	Basic introduction , Load classification	7 PM - 8 PM					Thursday, July 23, 2026	Basic Introduction of RAC	Basics of refrigeration system 1	6 PM - 7 PM
Wednesday, January 28, 2026		Concept of stress and strain	7 PM - 8 PM	Thursday, May 14, 2026	Introduction and BEA	Introduction & BEA-1	4 PM - 5 PM	Friday, July 24, 2026		Basics of refrigeration system 2	6 PM - 7 PM
Thursday, January 29, 2026		Mechanical properties of materials	7 PM - 8 PM	Friday, May 15, 2026		Introduction & BEA-2	4 PM - 5 PM	Monday, July 27, 2026	Vapour Compression Refrigeration s	Vapour Compression Refrigeration system 1	6 PM - 7 PM
Friday, January 30, 2026		Stress vs strain curve for all materials	7 PM - 8 PM	Monday, May 18, 2026	Inventory Control	Inventory-1	4 PM - 5 PM	Tuesday, July 28, 2026		Vapour Compression Refrigeration system 2	6 PM - 7 PM
Monday, February 2, 2026		Elastic constant	7 PM - 8 PM	Tuesday, May 19, 2026		Inventory-2	4 PM - 5 PM	Wednesday, July 29, 2026		Vapour Compression Refrigeration system 3	6 PM - 7 PM
Tuesday, February 3, 2026		Concepts of deformation-1	7 PM - 8 PM	Wednesday, May 20, 2026		Inventory-3	4 PM - 5 PM	Thursday, July 30, 2026		Vapour Compression Refrigeration system 4	6 PM - 7 PM
Wednesday, February 4, 2026		Concepts of deformation-2	7 PM - 8 PM	Thursday, May 21, 2026		Inventory-4	4 PM - 5 PM	Friday, July 31, 2026		Vapour Compression Refrigeration system 5	6 PM - 7 PM
Thursday, February 5, 2026	STRAIN ENERGY	Strain energy due axial and self weight	7 PM - 8 PM	Friday, May 22, 2026	Sequencing	Sequencing-1	4 PM - 5 PM	Monday, August 3, 2026	Refrigerants	Types of refrigerants & Properties 1	6 PM - 7 PM
Friday, February 6, 2026	THERMAL STRESS	Thermal stress under free expansion	7 PM - 8 PM	Monday, May 25, 2026		Sequencing-2	4 PM - 5 PM	Tuesday, August 4, 2026		Types of refrigerants & Properties 2	6 PM - 7 PM
Monday, February 9, 2026		Thermal stress under fixed , composite beam	7 PM - 8 PM	Tuesday, May 26, 2026	PERT & CPM	Sequencing-3	4 PM - 5 PM	Wednesday, August 5, 2026		Types of refrigerants & Properties 3	6 PM - 7 PM
Tuesday, February 10, 2026	SHEAR IN BEAM	Shear in rectangular and triangular section	7 PM - 8 PM	Wednesday, May 27, 2026		PERT & CPM-1	4 PM - 5 PM	Thursday, August 6, 2026	Vapour absorption refrigeration syst	Vapour absorption refrigeration system 1	6 PM - 7 PM
Wednesday, February 11, 2026		Shear in circular , IN section of beam	7 PM - 8 PM	Thursday, May 28, 2026		PERT & CPM-2	4 PM - 5 PM	Friday, August 7, 2026		Vapour absorption refrigeration system 2	6 PM - 7 PM
Thursday, February 12, 2026	BENDING IN BEAM	Bending equation	7 PM - 8 PM	Friday, May 29, 2026		PERT & CPM-3	4 PM - 5 PM	Monday, August 10, 2026	Refrigeration Cycle and Devices	Refrigeration equipments 1	6 PM - 7 PM
Friday, February 13, 2026		Application of bending equation	7 PM - 8 PM	Monday, June 1, 2026		PERT & CPM-4	4 PM - 5 PM	Tuesday, August 11, 2026		Refrigeration equipments 2	6 PM - 7 PM
Monday, February 16, 2026	TORSION IN SHAFT	Torsion equation	7 PM - 8 PM	Tuesday, June 2, 2026		PERT & CPM-5	4 PM - 5 PM	Wednesday, August 12, 2026		Refrigeration equipments 3	6 PM - 7 PM
Tuesday, February 17, 2026		Torsion equation application	7 PM - 8 PM	Wednesday, June 3, 2026		PERT & CPM-6	4 PM - 5 PM				

Wednesday, February 18, 2026	Combined stress	Concepts of normal and shear stress in oblique plane	7 PM - 8 PM	Thursday, June 4, 2026		Forecasting-1	4 PM - 5 PM	Thursday, August 13, 2026	Air conditioning	Psychrometry 1	6 PM - 7 PM	
Thursday, February 19, 2026		Concepts of principle plane ,stress	7 PM - 8 PM	Friday, June 5, 2026		Forecasting-2	4 PM - 5 PM	Friday, August 14, 2026		Psychrometry 2	6 PM - 7 PM	
Friday, February 20, 2026		Mohr Circle	7 PM - 8 PM	Monday, June 8, 2026		Forecasting-3	4 PM - 5 PM	Monday, August 17, 2026		Psychrometry 3	6 PM - 7 PM	
Monday, February 23, 2026	SFD AND BMD	Basic , types of beam support , reaction calculation	7 PM - 8 PM	Tuesday, June 9, 2026	Forecasting	Forecasting-4	4 PM - 5 PM	Tuesday, August 18, 2026		Psychrometry 4	6 PM - 7 PM	
Tuesday, February 24, 2026		SFD & BMD OF Cantiliver & ssb beam	7 PM - 8 PM	Wednesday, June 10, 2026	Queing Theory	Queing Theory-1	4 PM - 5 PM	Wednesday, August 19, 2026		Psychrometry 5	6 PM - 7 PM	
Wednesday, February 25, 2026		SFD & BMD combination of load	7 PM - 8 PM	Thursday, June 11, 2026		Queing Theory-2	4 PM - 5 PM	Thursday, August 20, 2026		Psychrometry 6	6 PM - 7 PM	
Thursday, February 26, 2026	SLOPE AND DEFLECTION	Basic and Method of slope and deflection	7 PM - 8 PM	Friday, June 12, 2026	Linear Programming	Linear programming-1	4 PM - 5 PM	Friday, August 21, 2026		Psychrometry 7	6 PM - 7 PM	
Friday, February 27, 2026		Slope and deflection of cantiliver	7 PM - 8 PM	Monday, June 15, 2026		Linear programming-2	4 PM - 5 PM	Power Plant Engineering				
Monday, March 2, 2026		Slope and deflection of SSB beam	7 PM - 8 PM	Tuesday, June 16, 2026		Linear programming-3	4 PM - 5 PM					
Tuesday, March 3, 2026	COLUMN AND STRUT	Basic and eulers and rankine formula	7 PM - 8 PM	Wednesday, June 17, 2026	Transportation	Transportation-1	4 PM - 5 PM	Date	Chapter	Title	Timing	
Wednesday, March 4, 2026	THIN AND THICK CYLINDER	Basic and thin cylinder stress calculation	7 PM - 8 PM	Thursday, June 18, 2026		Transportation-2	4 PM - 5 PM	Thursday, August 27, 2026	Boiler	Boiler Classification, Fittings & Accessories part 1	6 PM - 7 PM	
Thursday, March 5, 2026	THEORY OF FAILURE	Theory of failure-1	7 PM - 8 PM	Friday, June 19, 2026	Assignment	Assignment-1	4 PM - 5 PM	Friday, August 28, 2026		Boiler Classification, Fittings & Accessories part 2	6 PM - 7 PM	
Friday, March 6, 2026		Theory of failure-2	7 PM - 8 PM	Monday, June 22, 2026		Assignment-2	4 PM - 5 PM	Monday, August 31, 2026		Boiler Classification, Fittings & Accessories part 3	6 PM - 7 PM	
Monday, March 9, 2026	LIVE DOUBT AND MISCELLANEOUS	Live doubt and miscellaneous-1	7 PM - 8 PM	Tuesday, June 23, 2026	MRP	MRP-1	4 PM - 5 PM	Tuesday, September 1, 2026		Boiler Classification, Fittings & Accessories part 4	6 PM - 7 PM	
Tuesday, March 10, 2026		Live doubt and miscellaneous-2	7 PM - 8 PM	Wednesday, June 24, 2026		MRP-2	4 PM - 5 PM	Wednesday, September 2, 2026		Boiler Classification, Fittings & Accessories part 5	6 PM - 7 PM	
Wednesday, March 11, 2026			Live doubt and miscellaneous-3	7 PM - 8 PM	Machine Design				Thursday, September 3, 2026	Rankine Cycle	Rankine Cycle part 1	6 PM - 7 PM
Rahul Sir Hydraulic Machines				Friday, September 4, 2026					Rankine Cycle part 2		6 PM - 7 PM	
				Date	Chapter	Title	Timing	Monday, September 7, 2026	Rankine Cycle part 3		6 PM - 7 PM	
				Date	Chapter	Title	Timing	Friday, June 26, 2026	Design for static loading		Introduction to load	4 PM - 5 PM
Monday, February 2, 2026	HYDRAULIC MACHINE	Impact of jet	4 PM - 5 PM	Monday, June 29, 2026	Different theories of Failures-1	4 PM - 5 PM	Wednesday, September 9, 2026	Brayton Cycle		Brayton Cycle part 1	6 PM - 7 PM	
Tuesday, February 3, 2026		Turbine basic , classification	4 PM - 5 PM	Tuesday, June 30, 2026	Different theories of Failures-2	4 PM - 5 PM	Thursday, September 10, 2026			Brayton Cycle part 2	6 PM - 7 PM	

Wednesday, February 4, 2026		Pelton wheel , francis , kaplan turbine	4 PM - 5 PM	Wednesday, July 1, 2026		Different theories of Failures-3	4 PM - 5 PM	Friday, September 11, 2026		Brayton Cycle part 3	6 PM - 7 PM
Thursday, February 5, 2026		Pump-1	4 PM - 5 PM	Thursday, July 2, 2026		Design against Fluctuation load-1	4 PM - 5 PM	Monday, September 14, 2026		Brayton Cycle part 4	6 PM - 7 PM
Friday, February 6, 2026		Pump-2	4 PM - 5 PM	Friday, July 3, 2026	Design against Fluctuation load	Design against Fluctuation load-2	4 PM - 5 PM	Tuesday, September 15, 2026		Air Compressors & their cycles part 1	6 PM - 7 PM
Monday, February 9, 2026		Live doubt and miscellaneous-1	4 PM - 5 PM	Monday, July 6, 2026		Design against Fluctuation load-3	4 PM - 5 PM	Wednesday, September 16, 2026		Air Compressors & their cycles part 2	6 PM - 7 PM
Tuesday, February 10, 2026	LIVE DOUBT AND MISCELLANEOUS	Live doubt and miscellaneous-2	4 PM - 5 PM	Tuesday, July 7, 2026		Different stresses in Screw fastners	4 PM - 5 PM	Thursday, September 17, 2026		Air Compressors & their cycles part 3	6 PM - 7 PM
Wednesday, February 11, 2026		Live doubt and miscellaneous-3	4 PM - 5 PM	Wednesday, July 8, 2026		Bolt joint analysis-1	4 PM - 5 PM	Friday, September 18, 2026		Air Compressors & their cycles part 4	6 PM - 7 PM
Rahul Sir Engineering Mechanics				Thursday, July 9, 2026		Bolt joint analysis-2	4 PM - 5 PM	Monday, September 21, 2026		Steam Turbines & Nozzles part 1	6 PM - 7 PM
Date	Chapter	Title	Timing	Friday, July 10, 2026		Design of Rivet joint and Stress Analysis	4 PM - 5 PM	Tuesday, September 22, 2026		Steam Turbines & Nozzles part 2	6 PM - 7 PM
Friday, February 13, 2026		Basic of forces-1	4 PM - 5 PM	Monday, July 13, 2026	Riveted, welded joint and bolted joint	Type of riveted joint and efficiency	4 PM - 5 PM	Wednesday, September 23, 2026		Steam Turbines & Nozzles part 3	6 PM - 7 PM
Monday, February 16, 2026		Basic of forces-2	4 PM - 5 PM	Tuesday, July 14, 2026		Parallel fillet weld	4 PM - 5 PM	Thursday, September 24, 2026		Steam Turbines & Nozzles part 4	6 PM - 7 PM
Tuesday, February 17, 2026	Basic of forces	Basic of forces-3	4 PM - 5 PM	Wednesday, July 15, 2026		Transverse fillet weld	4 PM - 5 PM	Friday, September 25, 2026		Steam Turbines & Nozzles part 5	6 PM - 7 PM
Wednesday, February 18, 2026		Basic of forces-4	4 PM - 5 PM	Thursday, July 16, 2026		Welded joint subjected to bending moment	4 PM - 5 PM	Thermodynamics			
Thursday, February 19, 2026		Basic of forces-5	4 PM - 5 PM	Friday, July 17, 2026		Welded joint subjected to torsion moment	4 PM - 5 PM				
Friday, February 20, 2026	Types of beam	Types of beam-1	4 PM - 5 PM	Monday, July 20, 2026		Design of shaft for variable load-1	4 PM - 5 PM	Date	Chapter	Title	Timing
Monday, February 23, 2026		Types of beam-2	4 PM - 5 PM	Tuesday, July 21, 2026		Design of shaft for variable load-2	4 PM - 5 PM	Thursday, October 1, 2026		Basics Concept-1	6 PM - 7 PM
Tuesday, February 24, 2026		Concepts of friction-1	4 PM - 5 PM	Wednesday, July 22, 2026	Shaft Key and Coupling	Design of shaft for variable load-3	4 PM - 5 PM	Friday, October 2, 2026		Basics Concept-2	6 PM - 7 PM
Wednesday, February 25, 2026	Concepts of friction	Concepts of friction -2	4 PM - 5 PM	Thursday, July 23, 2026		Journal Bearing-1	4 PM - 5 PM	Monday, October 5, 2026	Thermodynamics system and processes	Basics Concept-3	6 PM - 7 PM
Thursday, February 26, 2026		Concepts of friction -3	4 PM - 5 PM	Friday, July 24, 2026	Sliding contact bearing	Journal Bearing-2	4 PM - 5 PM	Tuesday, October 6, 2026		Basics Concept-4	6 PM - 7 PM
Friday, February 27, 2026		Moment of Inertia-1	4 PM - 5 PM	Monday, July 27, 2026		Roller bearing-1	4 PM - 5 PM	Wednesday, October 7, 2026		Heat and work-1	6 PM - 7 PM
Monday, March 2, 2026	Moment of Inertia	Moment of Inertia-2	4 PM - 5 PM	Tuesday, July 28, 2026	Rolling contact bearing	Roller bearing-2	4 PM - 5 PM	Thursday, October 8, 2026	Heat and Work	Heat and work-2	6 PM - 7 PM
Tuesday, March 3, 2026		Moment of Inertia-3	4 PM - 5 PM	Wednesday, July 29, 2026		Roller bearing-3	4 PM - 5 PM	Friday, October 9, 2026		Heat and work-3	6 PM - 7 PM

Wednesday, March 4, 2026	Conservation of momentum and energy	Conservation of momentum and energy-1	4 PM - 5 PM	Thursday, July 30, 2026	Design of Gears	Laws of gearing	4 PM - 5 PM	Monday, October 12, 2026	First law of thermodynamics	Heat and work-4	6 PM - 7 PM
Thursday, March 5, 2026		Conservation of momentum and energy-2	4 PM - 5 PM	Friday, July 31, 2026		Types of Gears	4 PM - 5 PM	Tuesday, October 13, 2026		First law of thermodynamics-1	6 PM - 7 PM
Rahul Sir Theory of Machines				Monday, August 3, 2026	Spring	Spring-1	4 PM - 5 PM	Wednesday, October 14, 2026		First law of thermodynamics-2	6 PM - 7 PM
				Tuesday, August 4, 2026		Spring-2	4 PM - 5 PM	Thursday, October 15, 2026		First law of thermodynamics-3	6 PM - 7 PM
								Production Engineering			Friday, October 16, 2026
Date	Chapter	Title	Timing	Date	Chapter	Title	Timing	Monday, October 19, 2026			First law of thermodynamics-5
Monday, March 9, 2026	Mechanism and machines	Simple Mechanism-1	4 PM - 5 PM	Monday, May 4, 2026	Metal Casting	Introduction to Casting	6 PM - 7 PM	Tuesday, October 20, 2026	Second law of thermodynamics and Entropy	Second law of thermodynamics-1	6 PM - 7 PM
Tuesday, March 10, 2026		Simple Mechanism-2	4 PM - 5 PM	Tuesday, May 5, 2026		Casting-1	6 PM - 7 PM	Wednesday, October 21, 2026		Second law of thermodynamics-2	6 PM - 7 PM
Wednesday, March 11, 2026		Simple Mechanism-3	4 PM - 5 PM	Wednesday, May 6, 2026		Casting-2	6 PM - 7 PM	Thursday, October 22, 2026		Entropy part-1	6 PM - 7 PM
Thursday, March 12, 2026		Simple Mechanism-4	4 PM - 5 PM	Thursday, May 7, 2026		Casting-3	6 PM - 7 PM	Friday, October 23, 2026		Entropy part-2	6 PM - 7 PM
Friday, March 13, 2026		Simple Mechanism-5	4 PM - 5 PM	Friday, May 8, 2026		Casting-4	6 PM - 7 PM	Monday, October 26, 2026		Entropy part-3	6 PM - 7 PM
Monday, March 16, 2026		Simple Mechanism-6	4 PM - 5 PM	Monday, May 11, 2026		Casting-5	6 PM - 7 PM	Tuesday, October 27, 2026		Entropy part-4	6 PM - 7 PM
Tuesday, March 17, 2026	Velocity and acceleration analysis	Motion Analysis-1	4 PM - 5 PM	Tuesday, May 12, 2026		Casting-6	6 PM - 7 PM	Wednesday, October 28, 2026	Properties of pure substance	Properties of pure substance part 1	6 PM - 7 PM
Wednesday, March 18, 2026		Motion Analysis-2	4 PM - 5 PM	Wednesday, May 13, 2026		Casting-7	6 PM - 7 PM	Thursday, October 29, 2026		Properties of pure substance part 2	6 PM - 7 PM
Thursday, March 19, 2026	Gear	Gear-1	4 PM - 5 PM	Thursday, May 14, 2026		Casting-8	6 PM - 7 PM	Friday, October 30, 2026		Properties of pure substance part 3	6 PM - 7 PM
Friday, March 20, 2026		Gear-2	4 PM - 5 PM	Friday, May 15, 2026	Joining	Introduction to Welding	6 PM - 7 PM	Monday, November 2, 2026		Properties of pure substance part 4	6 PM - 7 PM
Monday, March 23, 2026		Gear-3	4 PM - 5 PM	Monday, May 18, 2026		Welding-1	6 PM - 7 PM				
Tuesday, March 24, 2026		Gear-4	4 PM - 5 PM	Tuesday, May 19, 2026		Welding-2	6 PM - 7 PM				
Wednesday, March 25, 2026		Gear-5	4 PM - 5 PM	Wednesday, May 20, 2026		Welding-3	6 PM - 7 PM				
Thursday, March 26, 2026		Gear-6	4 PM - 5 PM	Thursday, May 21, 2026		Welding-4	6 PM - 7 PM				
Friday, March 27, 2026	Gear Train	Gear Train-1	4 PM - 5 PM	Friday, May 22, 2026			Welding-5	6 PM - 7 PM			

Monday, March 30, 2026		Gear Train-2	4 PM - 5 PM	Monday, May 25, 2026		Welding-6	6 PM - 7 PM				
Tuesday, March 31, 2026		Governor-1	4 PM - 5 PM	Tuesday, May 26, 2026		Welding-7	6 PM - 7 PM				
Wednesday, April 1, 2026		Governor-2	4 PM - 5 PM	Wednesday, May 27, 2026		Welding-8	6 PM - 7 PM				
Thursday, April 2, 2026		Governor-3	4 PM - 5 PM	Thursday, May 28, 2026		Metal Cutting-1	6 PM - 7 PM				
Friday, April 3, 2026		Governor-4	4 PM - 5 PM	Friday, May 29, 2026		Metal Cutting-2	6 PM - 7 PM				
Monday, April 6, 2026		Governor-5	4 PM - 5 PM	Monday, June 1, 2026		Metal Cutting-3	6 PM - 7 PM				
Tuesday, April 7, 2026		Flywheel-1	4 PM - 5 PM	Tuesday, June 2, 2026		Metal Cutting-4	6 PM - 7 PM				
Wednesday, April 8, 2026		Flywheel-2	4 PM - 5 PM	Wednesday, June 3, 2026		Metal Cutting-5	6 PM - 7 PM				
Thursday, April 9, 2026		Cam & Follower-1	4 PM - 5 PM	Thursday, June 4, 2026		Metal Cutting-6	6 PM - 7 PM				
Friday, April 10, 2026		Cam & Follower-2	4 PM - 5 PM	Friday, June 5, 2026		Concept of MMT-1	6 PM - 7 PM				
Monday, April 13, 2026		All About Balancing	4 PM - 5 PM	Monday, June 8, 2026		Concept of MMT-2	6 PM - 7 PM				
Tuesday, April 14, 2026		Vibration-1	4 PM - 5 PM	Tuesday, June 9, 2026		Concept of MMT-3	6 PM - 7 PM				
Wednesday, April 15, 2026		Vibration-2	4 PM - 5 PM	Wednesday, June 10, 2026		Concept of MMT-4	6 PM - 7 PM				
Rahul sir IC Engine				Thursday, June 11, 2026		Concept of MMT-5	6 PM - 7 PM				
				Friday, June 12, 2026		Metal Forming-1	6 PM - 7 PM				
				Monday, June 15, 2026		Metal Forming-2	6 PM - 7 PM				
<b>Date</b>	<b>Chapter</b>	<b>Title</b>	<b>Timing</b>	Tuesday, June 16, 2026		Metal Forming-3	6 PM - 7 PM				
Friday, April 17, 2026		Basic and Air standard cycle-1	4 PM - 5 PM	Wednesday, June 17, 2026		Metal Forming-4	6 PM - 7 PM				
Monday, April 20, 2026		Basic and Air standard cycle-2	4 PM - 5 PM	Thursday, June 18, 2026		Metal Forming-5	6 PM - 7 PM				
Tuesday, April 21, 2026		Basic and Air standard cycle-3	4 PM - 5 PM	Friday, June 19, 2026		Sheet Metal Operations	6 PM - 7 PM				
Wednesday, April 22, 2026		Basic and Air standard cycle-4	4 PM - 5 PM	Monday, June 22, 2026		Metrology-1	6 PM - 7 PM				

Thursday, April 23, 2026		Basic and Air standard cycle-5	4 PM - 5 PM	Tuesday, June 23, 2026		Metrology-2	6 PM - 7 PM				
Friday, April 24, 2026		4s & 2s Engine-1	4 PM - 5 PM	Wednesday, June 24, 2026		Metrology-3	6 PM - 7 PM				
Monday, April 27, 2026	4s & 2s Engines	4s & 2s Engine-2	4 PM - 5 PM	Thursday, June 25, 2026		Metrology-4	6 PM - 7 PM				
Tuesday, April 28, 2026		4s & 2s Engine-3	4 PM - 5 PM	Friday, June 26, 2026		Metrology-5	6 PM - 7 PM				
Wednesday, April 29, 2026		Performance of IC Engine-1	4 PM - 5 PM	Monday, June 29, 2026		Unconventional Machining-1	6 PM - 7 PM				
Thursday, April 30, 2026	IC Engine Performance	Performance of IC Engine-2	4 PM - 5 PM	Tuesday, June 30, 2026		Unconventional Machining-2	6 PM - 7 PM				
Friday, May 1, 2026		Performance of IC Engine-3	4 PM - 5 PM	Wednesday, July 1, 2026	Jigs and Fixtures	Jigs & Fixtures	6 PM - 7 PM				
Monday, May 4, 2026		Performance of IC Engine-4	4 PM - 5 PM	Material Science							
Tuesday, May 5, 2026		Combustion in SI and CI engine-1	4 PM - 5 PM								
Wednesday, May 6, 2026	Combustion in SI and CI engines	Combustion in SI and CI engine-2	4 PM - 5 PM	Date	Chapter	Title	Timing				
Thursday, May 7, 2026		Combustion in SI and CI engine-3	4 PM - 5 PM	Tuesday, July 7, 2026	Introduction	Introduction-1	6 PM - 7 PM				
Friday, May 8, 2026		Combustion in SI and CI engine-4	4 PM - 5 PM	Wednesday, July 8, 2026		Introduction-2	6 PM - 7 PM				
Monday, May 11, 2026	Lubrication & Cooling	Lubrication & cooling-1	4 PM - 5 PM	Thursday, July 9, 2026		Crystalline Materials-1	6 PM - 7 PM				
Tuesday, May 12, 2026		Lubrication & cooling-2	4 PM - 5 PM	Friday, July 10, 2026	Structure and Properties of Engineering Material	Crystalline Materials-2	6 PM - 7 PM				
Rahul Sir Fluid Mechanics				Monday, July 13, 2026		Crystalline Materials-3	6 PM - 7 PM				
				Tuesday, July 14, 2026		Crystalline Materials-4	6 PM - 7 PM				
Date	Topic	Title	Timing	Wednesday, July 15, 2026		Steel-1	6 PM - 7 PM				
Thursday, March 12, 2026	Orientation	Orientation	7 PM - 8 PM	Thursday, July 16, 2026	Steel	Steel-2	6 PM - 7 PM				
Friday, March 13, 2026		Basic introduction	7 PM - 8 PM	Friday, July 17, 2026		Steel-3	6 PM - 7 PM				
Monday, March 16, 2026	FLUID PROPERTY	Bulk modulus , Density	7 PM - 8 PM	Monday, July 20, 2026	Heat Treatment of steel	Heat treatment of steel-1	6 PM - 7 PM				
Tuesday, March 17, 2026		Specific gravity and Specific Weight	7 PM - 8 PM	Tuesday, July 21, 2026		Heat treatment of steel-2	6 PM - 7 PM				

Wednesday, March 18, 2026		Viscosity	7 PM - 8 PM	Wednesday, July 22, 2026	Cast Iron	Cast Iron	6 PM - 7 PM				
Thursday, March 19, 2026		Newton law of viscosity	7 PM - 8 PM								
Friday, March 20, 2026		Fluid classification	7 PM - 8 PM								
Monday, March 23, 2026	<b>SURFACE TENSION</b>	Surface tension	7 PM - 8 PM								
Tuesday, March 24, 2026	<b>CAPILLARY</b>	Capillary	7 PM - 8 PM								
Wednesday, March 25, 2026	<b>PRESSURE</b>	Basic , Types of pressure	7 PM - 8 PM								
Thursday, March 26, 2026		Pascal and hydrostatic law	7 PM - 8 PM								
Friday, March 27, 2026		Pressure measuring device -1	7 PM - 8 PM								
Monday, March 30, 2026		Pressure measuring device -2	7 PM - 8 PM								
Tuesday, March 31, 2026	<b>BUOYANCY AND FLOATATION</b>	Basic concepts , principle of floatation	7 PM - 8 PM								
Wednesday, April 1, 2026		Stability condition of submerged body	7 PM - 8 PM								
Thursday, April 2, 2026		Concept of metacentre	7 PM - 8 PM								
Friday, April 3, 2026		Stability condition of floating body	7 PM - 8 PM								
Monday, April 6, 2026	<b>HYDROSTATICS FORCE</b>	Hydro-static forces on plane	7 PM - 8 PM								
Tuesday, April 7, 2026		Hydro-static forces on curved surface	7 PM - 8 PM								
Wednesday, April 8, 2026	<b>FLUID KINEMATICS</b>	Basic and types of flow	7 PM - 8 PM								
Thursday, April 9, 2026		Stream, path and streak line	7 PM - 8 PM								
Friday, April 10, 2026		Continuity equation	7 PM - 8 PM								
Monday, April 13, 2026		Velocity and stream function	7 PM - 8 PM								
Tuesday, April 14, 2026	<b>FLUID DYNAMICS</b>	Eulers , B.E equation	7 PM - 8 PM								
Wednesday, April 15, 2026		Application of B.E Equation	7 PM - 8 PM								

Thursday, April 16, 2026		Basic introduction , shear stress and veloicity profile	7 PM - 8 PM										
Friday, April 17, 2026		Pressure drop , friction factor	7 PM - 8 PM										
Monday, April 20, 2026	LAMINAR & TURBULENT FLOW	Turbulent flow	7 PM - 8 PM										
Tuesday, April 21, 2026	FLOW THROUGH PIPE	Major , minor losses	7 PM - 8 PM										
Wednesday, April 22, 2026		Concept of equivalent pipe and maximum efficiency	7 PM - 8 PM										
Thursday, April 23, 2026	BOUNDARY LAYER THEORY	Boundry layer thoery	7 PM - 8 PM										
Friday, April 24, 2026	VORTEX MOTION	Free Vortex motion	7 PM - 8 PM										
Monday, April 27, 2026		Forced Vortex motion	7 PM - 8 PM										
Tuesday, April 28, 2026	MODELLING AND SIMLITUDE	Similarity , dimensionless number	7 PM - 8 PM										
Wednesday, April 29, 2026	Miscellaneous	Miscellaneous	7 PM - 8 PM										
Thursday, April 30, 2026		Miscellaneous	7 PM - 8 PM										
Friday, May 1, 2026		Miscellaneous	7 PM - 8 PM										
Monday, May 4, 2026		Miscellaneous	7 PM - 8 PM										
Tuesday, May 5, 2026		Miscellaneous	7 PM - 8 PM										
Wednesday, May 6, 2026		Miscellaneous	7 PM - 8 PM										
Thursday, May 7, 2026		Miscellaneous	7 PM - 8 PM										
Friday, May 8, 2026		Miscellaneous	7 PM - 8 PM										
Monday, May 11, 2026		Miscellaneous	7 PM - 8 PM										
Tuesday, May 12, 2026		Miscellaneous	7 PM - 8 PM										
Rahul Sir   Heat & Mass Transfer													



Date	Topic	Title	Timing								
Friday, May 15, 2026	Heat, Mass & Transfer	Heat, Mass & Transfer - 1	4 PM - 5 PM								
Monday, May 18, 2026		Heat, Mass & Transfer - 2	4 PM - 5 PM								
Tuesday, May 19, 2026		Heat, Mass & Transfer - 3	4 PM - 5 PM								
Wednesday, May 20, 2026		Heat, Mass & Transfer - 4	4 PM - 5 PM								
Thursday, May 21, 2026		Heat, Mass & Transfer - 5	4 PM - 5 PM								
Friday, May 22, 2026		Heat, Mass & Transfer - 6	4 PM - 5 PM								
Monday, May 25, 2026		Heat, Mass & Transfer - 7	4 PM - 5 PM								
Tuesday, May 26, 2026		Heat, Mass & Transfer - 8	4 PM - 5 PM								
Wednesday, May 27, 2026		Heat, Mass & Transfer - 9	4 PM - 5 PM								
Thursday, May 28, 2026		Heat, Mass & Transfer - 10	4 PM - 5 PM								
Friday, May 29, 2026		Heat, Mass & Transfer - 11	4 PM - 5 PM								
Monday, June 1, 2026		Heat, Mass & Transfer - 12	4 PM - 5 PM								
Tuesday, June 2, 2026		Heat, Mass & Transfer - 13	4 PM - 5 PM								
Wednesday, June 3, 2026		Heat, Mass & Transfer - 14	4 PM - 5 PM								
Thursday, June 4, 2026		Heat, Mass & Transfer - 15	4 PM - 5 PM								
Friday, June 5, 2026		Heat, Mass & Transfer - 16	4 PM - 5 PM								
Monday, June 8, 2026		Heat, Mass & Transfer - 17	4 PM - 5 PM								
Tuesday, June 9, 2026		Heat, Mass & Transfer - 18	4 PM - 5 PM								
Wednesday, June 10, 2026		Heat, Mass & Transfer - 19	4 PM - 5 PM								
Thursday, June 11, 2026		Heat, Mass & Transfer - 20	4 PM - 5 PM								

Friday, June 12, 2026		Heat, Mass & Transfer - 21	4 PM - 5 PM								
Monday, June 15, 2026		Heat, Mass & Transfer - 22	4 PM - 5 PM								
Tuesday, June 16, 2026		Heat, Mass & Transfer - 23	4 PM - 5 PM								
Wednesday, June 17, 2026		Heat, Mass & Transfer - 24	4 PM - 5 PM								
Thursday, June 18, 2026		Heat, Mass & Transfer - 25	4 PM - 5 PM								
Friday, June 19, 2026		Heat, Mass & Transfer - 26	4 PM - 5 PM								
Monday, June 22, 2026		Heat, Mass & Transfer - 27	4 PM - 5 PM								
Tuesday, June 23, 2026		Heat, Mass & Transfer - 28	4 PM - 5 PM								
Wednesday, June 24, 2026		Heat, Mass & Transfer - 29	4 PM - 5 PM								
Thursday, June 25, 2026		Heat, Mass & Transfer - 30	4 PM - 5 PM								

