

STUDY PLAN

Rahul Sir Fluid Mechanics				Vikas Sir Industrial Engineering			
Date	Topic	Title	Timing	Date	Chapter	Title	Timing
Thursday, November 6, 2025	Orientation	Orientation	7 PM - 8 PM	Thursday, November 6, 2025	Introduction and BEA	Introduction & BEA-1	3:00PM-4:00PM
Friday, November 7, 2025	FLUID PROPERTY	Basic introduction	7 PM - 8 PM	Friday, November 7, 2025		Introduction & BEA-2	3:00PM-4:00PM
Monday, November 10, 2025		Bulk modulus, Density	7 PM - 8 PM	Monday, November 10, 2025	Inventory Control	Inventory-1	3:00PM-4:00PM
Tuesday, November 11, 2025		Specific gravity and Specific Weight	7 PM - 8 PM	Tuesday, November 11, 2025		Inventory-2	3:00PM-4:00PM
Wednesday, November 12, 2025		Viscosity	7 PM - 8 PM	Wednesday, November 12, 2025		Inventory-3	3:00PM-4:00PM
Thursday, November 13, 2025		Newton law of viscosity	7 PM - 8 PM	Thursday, November 13, 2025		Inventory-4	3:00PM-4:00PM
Friday, November 14, 2025		Fluid classification	7 PM - 8 PM	Friday, November 14, 2025	Sequencing	Sequencing-1	3:00PM-4:00PM
Monday, November 17, 2025	SURFACE TENSION	Surface tension	7 PM - 8 PM	Monday, November 17, 2025		Sequencing-2	3:00PM-4:00PM
Tuesday, November 18, 2025	CAPILLARY	Capillary	7 PM - 8 PM	Tuesday, November 18, 2025		Sequencing-3	3:00PM-4:00PM
Wednesday, November 19, 2025	PRESSURE	Basic, Types of pressure	7 PM - 8 PM	Wednesday, November 19, 2025	PERT & CPM	PERT & CPM-1	3:00PM-4:00PM
Thursday, November 20, 2025		Pascal and hydrostatic law	7 PM - 8 PM	Thursday, November 20, 2025		PERT & CPM-2	3:00PM-4:00PM
Friday, November 21, 2025		Pressure measuring device - 1	7 PM - 8 PM	Friday, November 21, 2025		PERT & CPM-3	3:00PM-4:00PM
Monday, November 24, 2025	BUOYANCY AND FLOATATION	Pressure measuring device - 2	7 PM - 8 PM	Wednesday, November 26, 2025		PERT & CPM-4	3:00PM-4:00PM
Wednesday, August 27, 2025		Basic concepts, principle of floatation	7 PM - 8 PM	Thursday, November 27, 2025		PERT & CPM-5	3:00PM-4:00PM
Wednesday, November 5, 2025		Stability condition of submerged body	7 PM - 8 PM	Friday, November 28, 2025		PERT & CPM-6	3:00PM-4:00PM
Thursday, November 6, 2025		Concept of metacentre	7 PM - 8 PM	Monday, December 1, 2025		Forecasting-1	3:00PM-4:00PM
Friday, November 7, 2025	HYDROSTATICS FORCE	Stability condition of floating body	7 PM - 8 PM	Tuesday, December 2, 2025		Forecasting-2	3:00PM-4:00PM
Monday, November 10, 2025		Hydro-static forces on plane	7 PM - 8 PM	Wednesday, December 3, 2025	Forecasting	Forecasting-3	3:00PM-4:00PM
Tuesday, November 11, 2025	FLUID KINEMATICS	Hydro-static forces on curved surface	7 PM - 8 PM	Thursday, December 4, 2025		Forecasting-4	3:00PM-4:00PM
Wednesday, November 12, 2025		Basic and types of flow	7 PM - 8 PM	Friday, December 5, 2025	Queing Theory	Queing Theory-1	3:00PM-4:00PM
Thursday, November 13, 2025		Stream, path and streak line	7 PM - 8 PM	Monday, December 8, 2025		Queing Theory-2	3:00PM-4:00PM
Friday, November 14, 2025		Continuity equation	7 PM - 8 PM				

Monday, November 17, 2025		Velocity and stream function	7 PM - 8 PM		Tuesday, December 9, 2025	Linear Programming	Linear programming-1	3:00PM-4:00PM
Tuesday, November 18, 2025	FLUID DYNAMICS	Eulers , B.E equation	7 PM - 8 PM		Wednesday, December 10, 2025		Linear programming-2	3:00PM-4:00PM
Wednesday, November 19, 2025		Application of B.E Equation	7 PM - 8 PM		Thursday, December 11, 2025		Linear programming-3	3:00PM-4:00PM
Thursday, November 20, 2025		Basic introduction , shear stress and veloicity profile	7 PM - 8 PM		Friday, December 12, 2025	Transportation	Transportation-1	3:00PM-4:00PM
Friday, November 21, 2025		Pressure drop , friction factor	7 PM - 8 PM		Monday, December 15, 2025		Transportation-2	3:00PM-4:00PM
Monday, November 24, 2025	LAMINAR & TURBULENT FLOW	Turbulent flow	7 PM - 8 PM		Tuesday, December 16, 2025	Assignment	Assignment-1	3:00PM-4:00PM
Tuesday, November 25, 2025	FLOW THROUGH PIPE	Major , minor losses	7 PM - 8 PM		Wednesday, December 17, 2025		Assignment-2	3:00PM-4:00PM
Wednesday, November 26, 2025		Concept of equivalent pipe and maximum efficiency	7 PM - 8 PM		Thursday, December 18, 2025	MRP	MRP-1	3:00PM-4:00PM
Thursday, November 27, 2025	BOUNDARY LAYER THEORY	Boundry layer thoery	7 PM - 8 PM		Friday, December 19, 2025		MRP-2	3:00PM-4:00PM
Friday, November 28, 2025	VORTEX MOTION	Free Vortex motion	7 PM - 8 PM		Vikas Sir RAC			
Monday, December 1, 2025		Forced Vortex motion	7 PM - 8 PM					
Tuesday, December 2, 2025	MODELLING AND SIMLITUDE	Similarity , dimensionless number	7 PM - 8 PM		Date	Chapter	Title	Timing
Wednesday, December 3, 2025	Miscellaneous	Miscellaneous	7 PM - 8 PM		Wednesday, November 12, 2025	Orientation	Orientation	8:00PM-9:30PM
Thursday, December 4, 2025		Miscellaneous	7 PM - 8 PM		Thursday, November 13, 2025	Basic Introducton of RAC	Basics of refrigeration system 1	8:00PM-9:30PM
Friday, December 5, 2025		Miscellaneous	7 PM - 8 PM		Friday, November 14, 2025		Basics of refrigeration system 2	8:00PM-9:30PM
Monday, December 8, 2025		Miscellaneous	7 PM - 8 PM		Monday, November 17, 2025	Vapour Compression Refrigeration s	Vapour Compression Refrigeration system 1	8:00PM-9:30PM
Tuesday, December 9, 2025		Miscellaneous	7 PM - 8 PM		Tuesday, November 18, 2025		Vapour Compression Refrigeration system 2	8:00PM-9:30PM
Wednesday, December 10, 2025		Miscellaneous	7 PM - 8 PM		Wednesday, November 19, 2025		Vapour Compression Refrigeration system 3	8:00PM-9:30PM
Thursday, December 11, 2025		Miscellaneous	7 PM - 8 PM		Thursday, November 20, 2025		Vapour Compression Refrigeration system 4	8:00PM-9:30PM
Friday, December 12, 2025		Miscellaneous	7 PM - 8 PM		Friday, November 21, 2025		Vapour Compression Refrigeration system 5	8:00PM-9:30PM
Monday, December 15, 2025		Miscellaneous	7 PM - 8 PM		Wednesday, November 26, 2025	Refrigerants	Types of refrigerants & Properties 1	8:00PM-9:30PM
Tuesday, December 16, 2025		Miscellaneous	7 PM - 8 PM		Thursday, November 27, 2025		Types of refrigerants & Properties 2	8:00PM-9:30PM
Rahul sir IC Engine				Friday, November 28, 2025			Types of refrigerants & Properties 3	8:00PM-9:30PM
				Monday, December 1, 2025	Vapour absorption refrigeration syst	Vapour absorption refrigeration system 1	8:00PM-9:30PM	
				Tuesday, December 2, 2025		Vapour absorption refrigeration system 2	8:00PM-9:30PM	
Date	Chapter	Title	Timing		Wednesday, December 3, 2025	Refrigeration Cycle and Devices	Refrigeration equipments 1	8:00PM-9:30PM
Thursday, November 6, 2025	IC engine cycle	Basic and Air standard cycle-1	4 PM - 5 PM		Thursday, December 4, 2025		Refrigeration equipments 2	8:00PM-9:30PM

Friday, November 7, 2025		Basic and Air standard cycle-2	4 PM - 5 PM		Friday, December 5, 2025	Air conditioning	Refrigeration equipments 3	8:00PM-9:30PM	
Monday, November 10, 2025		Basic and Air standard cycle-3	4 PM - 5 PM		Monday, December 8, 2025		Psychrometry 1	8:00PM-9:30PM	
Tuesday, November 11, 2025		Basic and Air standard cycle-4	4 PM - 5 PM		Tuesday, December 9, 2025		Psychrometry 2	8:00PM-9:30PM	
Wednesday, November 12, 2025		Basic and Air standard cycle-5	4 PM - 5 PM		Wednesday, December 10, 2025		Psychrometry 3	8:00PM-9:30PM	
Thursday, November 13, 2025	4s & 2s Engines	4s & 2s Engine-1	4 PM - 5 PM		Thursday, December 11, 2025		Psychrometry 4	8:00PM-9:30PM	
Friday, November 14, 2025		4s & 2s Engine-2	4 PM - 5 PM		Friday, December 12, 2025		Psychrometry 5	8:00PM-9:30PM	
Monday, November 17, 2025		4s & 2s Engine-3	4 PM - 5 PM		Monday, December 15, 2025		Psychrometry 6	8:00PM-9:30PM	
Tuesday, November 18, 2025	IC Engine Performance	Performance of IC Engine-1	4 PM - 5 PM		Tuesday, December 16, 2025		Psychrometry 7	8:00PM-9:30PM	
Wednesday, November 19, 2025		Performance of IC Engine-2	4 PM - 5 PM		Vikas sir : Power Plant Engineering				
Thursday, November 20, 2025		Performance of IC Engine-3	4 PM - 5 PM						
Friday, November 21, 2025			Performance of IC Engine-4	4 PM - 5 PM		Date	Chapter	Title	Timing
Monday, November 24, 2025	Combustion in SI and CI engines	Combustion in SI and CI engine-1	4 PM - 5 PM		Recorded	Boiler	Boiler Classification, Fittings & Accessories part 1	Recorded	
Tuesday, November 25, 2025		Combustion in SI and CI engine-2	4 PM - 5 PM		Recorded		Boiler Classification, Fittings & Accessories part 2	Recorded	
Wednesday, November 26, 2025		Combustion in SI and CI engine-3	4 PM - 5 PM		Recorded		Boiler Classification, Fittings & Accessories part 3	Recorded	
Thursday, November 27, 2025		Combustion in SI and CI engine-4	4 PM - 5 PM		Recorded		Boiler Classification, Fittings & Accessories part 4	Recorded	
Friday, November 28, 2025	Lubrication & Cooling	Lubrication & cooling-1	4 PM - 5 PM		Recorded		Boiler Classification, Fittings & Accessories part 5	Recorded	
Monday, December 1, 2025		Lubrication & cooling-2	4 PM - 5 PM		Recorded	Rankine Cycle	Rankine Cycle part 1	Recorded	
Rahul sir Strength of Materials					Recorded		Rankine Cycle part 2	Recorded	
Date	Chapter	Title	Timing		Recorded		Rankine Cycle part 3	Recorded	
Thursday, December 18, 2025	Orientation	Orientation	4 PM - 5 PM		Recorded		Rankine Cycle part 4	Recorded	
Friday, December 19, 2025	STRESS AND STRAIN	Basic introduction , Load classification	4 PM - 5 PM		Recorded	Brayton Cycle	Brayton Cycle part 1	Recorded	
Monday, December 22, 2025		Concept of stress and strain	4 PM - 5 PM		Recorded		Brayton Cycle part 2	Recorded	
Tuesday, December 23, 2025		Mechanical properties of materials	4 PM - 5 PM		Recorded		Brayton Cycle part 3	Recorded	
Wednesday, December 24, 2025		Stress vs strain curve for all materials	4 PM - 5 PM		Recorded		Brayton Cycle part 4	Recorded	
Thursday, December 25, 2025			Elastic constant	4 PM - 5 PM		Recorded	Air Compressors & their cycles	Air Compressors & their cycles part 1	Recorded
Friday, December 26, 2025			Concepts of deformation-1	4 PM - 5 PM		Recorded		Air Compressors & their cycles part 2	Recorded
Monday, December 29, 2025			Concepts of deformation-2	4 PM - 5 PM		Recorded		Air Compressors & their cycles part 3	Recorded

Tuesday, December 30, 2025	STRAIN ENERGY	Strain energy due axial and self weight	4 PM - 5 PM		Recorded		Air Compressors & their cycles part 4	Recorded
Wednesday, December 31, 2025	THERMAL STRESS	Thermal stress under free expansion	4 PM - 5 PM		Recorded	Steam Turbines & Nozzles	Steam Turbines & Nozzles part 1	Recorded
Thursday, January 1, 2026		Thermal stress under fixed , composite beam	4 PM - 5 PM		Recorded		Steam Turbines & Nozzles part 2	Recorded
Friday, January 2, 2026	SHEAR IN BEAM	Shear in rectangular and triangular section	4 PM - 5 PM		Recorded		Steam Turbines & Nozzles part 3	Recorded
Monday, January 5, 2026		Shear in circular , IN section of beam	4 PM - 5 PM		Recorded		Steam Turbines & Nozzles part 4	Recorded
Tuesday, January 6, 2026	BENDING IN BEAM	Bending equation	4 PM - 5 PM		Recorded		Steam Turbines & Nozzles part 5	Recorded
Wednesday, January 7, 2026		Application of bending equation	4 PM - 5 PM		Vikas Sir Thermodynamics			
Thursday, January 8, 2026	TORSION IN SHAFT	Torsion equation	4 PM - 5 PM					
Friday, January 9, 2026		Torsion equation application	4 PM - 5 PM		Date	Chapter	Title	Timing
Monday, January 12, 2026	Combined stress	Concepts of normal and shear stress in oblique plane	4 PM - 5 PM		Recorded	Thermodynamics system and processes	Basics Concept-1	8:00PM-9:30PM
Tuesday, January 13, 2026		Concepts of principle plane ,stress	4 PM - 5 PM		Recorded		Basics Concept-2	8:00PM-9:30PM
Wednesday, January 14, 2026		Mohr Circle	4 PM - 5 PM		Recorded		Basics Concept-3	8:00PM-9:30PM
Thursday, January 15, 2026	SFD AND BMD	Basic , types of beam support , reaction calculation	4 PM - 5 PM		Recorded		Basics Concept-4	8:00PM-9:30PM
Friday, January 16, 2026		SFD & BMD OF Cantiliver & ssb beam	4 PM - 5 PM		Recorded	Heat and work-1	8:00PM-9:30PM	
Monday, January 19, 2026		SFD & BMD combination of load	4 PM - 5 PM		Recorded	Heat and work-2	8:00PM-9:30PM	
Tuesday, January 20, 2026	SLOPE AND DEFLECTION	Basic and Method of slope and deflection	4 PM - 5 PM		Recorded	Heat and Work	Heat and work-3	8:00PM-9:30PM
Wednesday, January 21, 2026		Slope and deflection of cantiliver	4 PM - 5 PM		Recorded		Heat and work-4	8:00PM-9:30PM
Thursday, January 22, 2026		Slope and deflection of SSB beam	4 PM - 5 PM		Recorded		First law of thermodynamics-1	8:00PM-9:30PM
Friday, January 23, 2026	COLUMN AND STRUT	Basic and eulers and rankine formula	4 PM - 5 PM		Recorded		First law of thermodynamics-2	8:00PM-9:30PM
Monday, January 26, 2026	THIN AND THICK CYLINDER	Basic and thin cylinder stress calculation	4 PM - 5 PM		Recorded	First law of thermodynamics-3	8:00PM-9:30PM	
Tuesday, January 27, 2026	THEORY OF FAILURE	Theory of failure-1	4 PM - 5 PM		Recorded	First law of thermodynamics-4	8:00PM-9:30PM	
Wednesday, January 28, 2026		Theory of failure-2	4 PM - 5 PM		Recorded	First law of thermodynamics-5	8:00PM-9:30PM	
Thursday, January 29, 2026	LIVE DOUBT AND MISCELLANEOUS	Live doubt and miscellaneous-1	4 PM - 5 PM		Recorded	Second law of thermodynamics and Entropy	Second law of thermodynamics-1	8:00PM-9:30PM
Friday, January 30, 2026		Live doubt and miscellaneous-2	4 PM - 5 PM		Recorded		Second law of thermodynamics-2	8:00PM-9:30PM
Monday, February 2, 2026		Live doubt and miscellaneous-3	4 PM - 5 PM		Recorded		Entropy part-1	8:00PM-9:30PM
Rahul Sir Hydraulic Machines					Recorded		Entropy part-2	8:00PM-9:30PM
					Recorded		Entropy part-3	8:00PM-9:30PM

Date	Chapter	Title	Timing		Recorded		Entropy part-4	8:00PM-9:30PM
Recorded	HYDRAULIC MACHINE	Impact of jet	Recorded		Recorded	Properties of pure substance	Properties of pure substance part 1	8:00PM-9:30PM
Recorded		Turbine basic , classification	Recorded		Recorded		Properties of pure substance part 2	8:00PM-9:30PM
Recorded		Pelton wheel , francis , kaplan turbine	Recorded		Recorded		Properties of pure substance part 3	8:00PM-9:30PM
Recorded		Pump-1	Recorded		Recorded		Properties of pure substance part 4	8:00PM-9:30PM
Recorded		Pump-2	Recorded					
Recorded	LIVE DOUBT AND MISCELLANEOUS	Live doubt and miscellaneous-1	Recorded					
Recorded		Live doubt and miscellaneous-2	Recorded					
Recorded		Live doubt and miscellaneous-3	Recorded					
Rahul Sir Engineering Mechanics								
Date	Chapter	Title	Timing					
Recorded	Basic of forces	Basic of forces-1	6 PM - 6:30 PM					
Recorded		Basic of forces-2	6 PM - 6:30 PM					
Recorded		Basic of forces-3	6 PM - 6:30 PM					
Recorded		Basic of forces-4	6 PM - 6:30 PM					
Recorded		Basic of forces-5	6 PM - 6:30 PM					
Recorded	Types of beam	Types of beam-1	6 PM - 6:30 PM					
Recorded		Types of beam-2	6 PM - 6:30 PM					
Recorded	Concepts of friction	Concepts of friction-1	6 PM - 6:30 PM					
Recorded		Concepts of friction -2	6 PM - 6:30 PM					
Recorded		Concepts of friction -3	6 PM - 6:30 PM					
Recorded	Moment of Inertia	Moment of Inertia-1	6 PM - 6:30 PM					
Recorded		Moment of Inertia-2	6 PM - 6:30 PM					
Recorded		Moment of Inertia-3	6 PM - 6:30 PM					
Recorded	Conservation of momentum and energy	Conservation of momentum and energy-1	6 PM - 6:30 PM					
Recorded		Conservation of momentum and energy-2	6 PM - 6:30 PM					

Dheeraj sir Material Science			
Date	Chapter	Title	Timing
Thursday, November 6, 2025	Introduction	Introduction-1	8:00PM-9:00PM
Friday, November 7, 2025		Introduction-2	8:00PM-9:00PM
Monday, November 10, 2025	Structure and Properties of Engineering Material	Crystalline Materials-1	8:00PM-9:00PM
Tuesday, November 11, 2025		Crystalline Materials-2	8:00PM-9:00PM
Wednesday, November 12, 2025		Crystalline Materials-3	8:00PM-9:00PM
Thursday, November 13, 2025		Crystalline Materials-4	8:00PM-9:00PM
Friday, November 14, 2025	Steel	Steel-1	8:00PM-9:00PM
Monday, November 17, 2025		Steel-2	8:00PM-9:00PM
Tuesday, November 18, 2025		Steel-3	8:00PM-9:00PM
Wednesday, November 19, 2025	Heat Treatment of steel	Heat treatment of steel-1	8:00PM-9:00PM
Thursday, November 20, 2025		Heat treatment of steel-2	8:00PM-9:00PM
Friday, November 21, 2025	Cast Iron	Cast Iron	8:00PM-9:00PM
Dheeraj sir Production Engineering			
Date	Chapter	Title	Timing
Thursday, November 6, 2025	Metal Casting	Introduction to Casting	Recorded
Friday, November 7, 2025		Casting-1	Recorded
Monday, November 10, 2025		Casting-2	Recorded
Tuesday, November 11, 2025		Casting-3	Recorded
Wednesday, November 12, 2025		Casting-4	5:00PM-6:00PM
Thursday, November 13, 2025		Casting-5	5:00PM-6:00PM
Friday, November 14, 2025		Casting-6	5:00PM-6:00PM
Monday, November 17, 2025		Casting-7	5:00PM-6:00PM
Tuesday, November 18, 2025		Casting-8	5:00PM-6:00PM
Wednesday, November 19, 2025	Joining	Introduction to Welding	5:00PM-6:00PM

Thursday, November 20, 2025		Welding-1	5:00PM-6:00PM
Friday, November 21, 2025		Welding-2	5:00PM-6:00PM
Wednesday, November 26, 2025		Welding-3	5:00PM-6:00PM
Thursday, November 27, 2025		Welding-4	5:00PM-6:00PM
Friday, November 28, 2025		Welding-5	5:00PM-6:00PM
Monday, December 1, 2025		Welding-6	5:00PM-6:00PM
Tuesday, December 2, 2025		Welding-7	5:00PM-6:00PM
Wednesday, December 3, 2025		Welding-8	5:00PM-6:00PM
Thursday, December 4, 2025	Metal Cutting	Metal Cutting-1	5:00PM-6:00PM
Friday, December 5, 2025		Metal Cutting-2	5:00PM-6:00PM
Monday, December 8, 2025		Metal Cutting-3	5:00PM-6:00PM
Tuesday, December 9, 2025		Metal Cutting-4	5:00PM-6:00PM
Wednesday, December 10, 2025		Metal Cutting-5	5:00PM-6:00PM
Thursday, December 11, 2025		Metal Cutting-6	5:00PM-6:00PM
Friday, December 12, 2025	Machine & Machine Tools	Concept of MMT-1	5:00PM-6:00PM
Monday, December 15, 2025		Concept of MMT-2	5:00PM-6:00PM
Tuesday, December 16, 2025		Concept of MMT-3	5:00PM-6:00PM
Wednesday, December 17, 2025		Concept of MMT-4	5:00PM-6:00PM
Thursday, December 18, 2025		Concept of MMT-5	5:00PM-6:00PM
Friday, December 19, 2025	Metal Forming & Sheet Metals	Metal Forming-1	5:00PM-6:00PM
Monday, December 22, 2025		Metal Forming-2	5:00PM-6:00PM
Tuesday, December 23, 2025		Metal Forming-3	5:00PM-6:00PM
Wednesday, December 24, 2025		Metal Forming-4	5:00PM-6:00PM
Thursday, December 25, 2025		Metal Forming-5	5:00PM-6:00PM
Friday, December 26, 2025		Sheet Metal Operations	5:00PM-6:00PM
Monday, December 29, 2025	Metrology	Metrology-1	5:00PM-6:00PM
Tuesday, December 30, 2025		Metrology-2	5:00PM-6:00PM

Wednesday, December 31, 2025		Metrology-3	5:00PM-6:00PM
Thursday, January 1, 2026		Metrology-4	5:00PM-6:00PM
Friday, January 2, 2026		Metrology-5	5:00PM-6:00PM
Monday, January 5, 2026	Unconventional Machining	Unconventional Machining-1	5:00PM-6:00PM
Tuesday, January 6, 2026		Unconventional Machining-2	5:00PM-6:00PM
Wednesday, January 7, 2026	Jigs and Fixtures	Jigs & Fixtures	5:00PM-6:00PM
Dheeraj Sir Theory of Machines			
Date	Chapter	Title	Timing
Monday, December 8, 2025	Mechanism and machines	Simple Mechanism-1	8:00PM-8:59PM
Tuesday, December 9, 2025		Simple Mechanism-2	8:00PM-8:59PM
Wednesday, December 10, 2025		Simple Mechanism-3	8:00PM-8:59PM
Thursday, December 11, 2025		Simple Mechanism-4	8:00PM-8:59PM
Friday, December 12, 2025		Simple Mechanism-5	8:00PM-8:59PM
Monday, December 15, 2025		Simple Mechanism-6	8:00PM-8:59PM
Tuesday, December 16, 2025	Velocity and acceleration analysis	Motion Analysis-1	8:00PM-8:59PM
Wednesday, December 17, 2025		Motion Analysis-2	8:00PM-8:59PM
Thursday, December 18, 2025	Gear	Gear-1	8:00PM-8:59PM
Friday, December 19, 2025		Gear-2	8:00PM-8:59PM
Monday, December 22, 2025		Gear-3	8:00PM-8:59PM
Tuesday, December 23, 2025		Gear-4	8:00PM-8:59PM
Wednesday, December 24, 2025		Gear-5	8:00PM-8:59PM
Thursday, December 25, 2025		Gear-6	8:00PM-8:59PM
Friday, December 26, 2025	Gear Train	Gear Train-1	8:00PM-8:59PM
Monday, December 29, 2025		Gear Train-2	8:00PM-8:59PM
Tuesday, December 30, 2025	Governor	Governor-1	8:00PM-8:59PM

Wednesday, December 31, 2025		Governor-2	8:00PM-8:59PM
Thursday, January 1, 2026		Governor-3	8:00PM-8:59PM
Friday, January 2, 2026		Governor-4	8:00PM-8:59PM
Monday, January 5, 2026		Governor-5	8:00PM-8:59PM
Tuesday, January 6, 2026	Flywheel	Flywheel-1	8:00PM-8:59PM
Wednesday, January 7, 2026		Flywheel-2	8:00PM-8:59PM
Thursday, January 8, 2026	Cam & Follower	Cam & Follower-1	8:00PM-8:59PM
Friday, January 9, 2026		Cam & Follower-2	8:00PM-8:59PM
Monday, January 12, 2026	Balancing	All About Balancing	8:00PM-8:59PM
Tuesday, January 13, 2026	Vibration	Vibration-1	8:00PM-8:59PM
Wednesday, January 14, 2026		Vibration-2	8:00PM-8:59PM
Dheeraj Sir Machine Design			
Date	Chapter	Title	Timing
Monday, January 19, 2026	Design for static loading	Introduction to load	8:00PM-8:59PM
Tuesday, January 20, 2026		Different theories of Failures-1	8:00PM-8:59PM
Wednesday, January 21, 2026		Different theories of Failures-2	8:00PM-8:59PM
Thursday, January 22, 2026		Different theories of Failures-3	8:00PM-8:59PM
Friday, January 23, 2026	Design against Fluctuation load	Design against Fluctuation load-1	8:00PM-8:59PM
Monday, January 26, 2026		Design against Fluctuation load-2	8:00PM-8:59PM
Tuesday, January 27, 2026		Design against Fluctuation load-3	8:00PM-8:59PM
Wednesday, January 28, 2026	Riveted ,welded Joint and bolted joint	Different stresses in Screw fastners	8:00PM-8:59PM
Thursday, January 29, 2026		Bolt joint analysis-1	8:00PM-8:59PM
Friday, January 30, 2026		Bolt joint analysis-2	8:00PM-8:59PM
Monday, February 2, 2026		Design of Rivet joint and Stress Analysis	8:00PM-8:59PM
Tuesday, February 3, 2026		Type of riveted joint and efficiency	8:00PM-8:59PM
Wednesday, February 4, 2026		Parallel fillet weld	8:00PM-8:59PM

Thursday, February 5, 2026		Transverse fillet weld	8:00PM-8:59PM
Friday, February 6, 2026		Welded joint subjected to bending moment	8:00PM-8:59PM
Monday, February 9, 2026		Welded joint subjected to torsion moment	8:00PM-8:59PM
Tuesday, February 10, 2026		Design of shaft for variable load-1	8:00PM-8:59PM
Wednesday, February 11, 2026		Design of shaft for variable load-2	8:00PM-8:59PM
Thursday, February 12, 2026	Shaft Key and Coupling	Design of shaft for variable load-3	8:00PM-8:59PM
Friday, February 13, 2026	Sliding contact bearing	Journal Bearing-1	8:00PM-8:59PM
Monday, February 16, 2026		Journal Bearing-2	8:00PM-8:59PM
Tuesday, February 17, 2026	Rolling contact bearing	Roller bearing-1	8:00PM-8:59PM
Wednesday, February 18, 2026		Roller bearing-2	8:00PM-8:59PM
Thursday, February 19, 2026		Roller bearing-3	8:00PM-8:59PM
Friday, February 20, 2026	Design of Gears	Laws of gearing	8:00PM-8:59PM
Monday, February 23, 2026		Types of Gears	8:00PM-8:59PM
Tuesday, February 24, 2026	Spring	Spring-1	8:00PM-8:59PM
Wednesday, February 25, 2026		Spring-2	8:00PM-8:59PM