STUDY PLAN

Rahul Sir : Power Plant Engineering				Rahul Sir : Hydraulic Machines			
Date	**Chapter**	**Title**	**Timing**	**Date**	**Chapter**	**Title**	**Timing**
Sunday, April 5, 2026	**Boiler**	Boiler Classification, Fittings & Accessories part 1	4 PM - 5 PM	Tuesday, April 21, 2026	**HYDRAULIC MACHINE**	Impact of jet	7 PM - 8 PM
Monday, April 6, 2026	**Rankine Cycle**	Rankine Cycle part 1	4 PM - 5 PM	Wednesday, April 22, 2026		Turbine basic , classification	7 PM - 8 PM
Tuesday, April 7, 2026		Rankine Cycle part 2	4 PM - 5 PM	Thursday, April 23, 2026		Pelton wheel , francis , kaplan turbine	7 PM - 8 PM
Wednesday, April 8, 2026	**Brayton Cycle**	Brayton Cycle part 1	4 PM - 5 PM	Friday, April 24, 2026		Pump-1	7 PM - 8 PM
Thursday, April 9, 2026		Brayton Cycle part 2	4 PM - 5 PM	Monday, April 27, 2026		Pump-2	7 PM - 8 PM
Friday, April 10, 2026	**Air Compressors & their cycles**	Air Compressors & their cycles part 1	4 PM - 5 PM	Tuesday, April 28, 2026	**LIVE DOUBT AND MISCELLANEOUS**	Live doubt and miscellaneous-1	7 PM - 8 PM
Monday, April 13, 2026		Air Compressors & their cycles part 2	4 PM - 5 PM	Wednesday, April 29, 2026		Live doubt and miscellaneous-2	7 PM - 8 PM
Tuesday, April 14, 2026		Air Compressors & their cycles part 3	4 PM - 5 PM	Thursday, April 30, 2026		Live doubt and miscellaneous-3	7 PM - 8 PM
Wednesday, April 15, 2026		Air Compressors & their cycles part 4	4 PM - 5 PM	**Rahul Sir : Engineering Mechanics**			
Thursday, April 16, 2026	**Steam Turbines & Nozzles**	Steam Turbines & Nozzles part 1	4 PM - 5 PM	**Date**	**Chapter**	**Title**	**Timing**
Friday, April 17, 2026		Steam Turbines & Nozzles part 2	4 PM - 5 PM	Friday, May 1, 2026		Basic of forces-1	7 PM - 8 PM
Monday, April 20, 2026		Steam Turbines & Nozzles part 3	4 PM - 5 PM	Monday, May 4, 2026		Basic of forces-2	7 PM - 8 PM
Tuesday, April 21, 2026		Steam Turbines & Nozzles part 4	4 PM - 5 PM	Tuesday, May 5, 2026	Basic of forces	Basic of forces-3	7 PM - 8 PM
Wednesday, April 22, 2026		Steam Turbines & Nozzles part 5	4 PM - 5 PM	Wednesday, May 6, 2026		Basic of forces-4	7 PM - 8 PM
Thursday, April 23, 2026		Steam Turbines & Nozzles part 6	4 PM - 5 PM	Thursday, May 7, 2026		Basic of forces-5	7 PM - 8 PM
				Friday, May 8, 2026	Types of beam	Types of beam-1	7 PM - 8 PM

Rahul sir : IC Engine			
Date	**Chapter**	**Title**	**Timing**
Friday, April 24, 2026	**IC engine cycle**	Basic and Air standard cycle- 1	4 PM - 5 PM
Monday, April 27, 2026	**4s & 2s Engines**	4s & 2s Engine-1	4 PM - 5 PM
Tuesday, April 28, 2026		4s & 2s Engine-2	4 PM - 5 PM
Wednesday, April 29, 2026		4s & 2s Engine-3	4 PM - 5 PM
Thursday, April 30, 2026	**IC Engine Performance**	Performance of IC Engine-1	4 PM - 5 PM
Friday, May 1, 2026		Performance of IC Engine-2	4 PM - 5 PM
Monday, May 4, 2026		Performance of IC Engine-3	4 PM - 5 PM
Tuesday, May 5, 2026	**Combustion in SI and CI engines**	Combustion in SI and CI engine-1	4 PM - 5 PM
Wednesday, May 6, 2026		Combustion in SI and CI engine-2	4 PM - 5 PM
Thursday, May 7, 2026		Combustion in SI and CI engine-3	4 PM - 5 PM
Friday, May 8, 2026		Combustion in SI and CI engine-4	4 PM - 5 PM
Monday, May 11, 2026	**Lubrication & Cooling**	Lubrication & cooling-1	4 PM - 5 PM
Tuesday, May 12, 2026		Lubrication & cooling-2	4 PM - 5 PM

Rahul Sir : RAC			
Date	**Chapter**	**Title**	**Timing**
Wednesday, May 13, 2026	**Orientation**	Orientation	4 PM - 5 PM
Monday, May 11, 2026		Types of beam-2	7 PM - 8 PM
Tuesday, May 12, 2026	Concepts of friction	Concepts of friction-1	7 PM - 8 PM
Wednesday, May 13, 2026		Concepts of friction -2	7 PM - 8 PM
Thursday, May 14, 2026		Concepts of friction -3	7 PM - 8 PM
Friday, May 15, 2026	Moment of Inertia	Moment of Inertia-1	7 PM - 8 PM
Monday, May 18, 2026		Moment of Inertia-2	7 PM - 8 PM
Tuesday, May 19, 2026		Moment of Inertia-3	7 PM - 8 PM
Wednesday, May 20, 2026	Conservation of momentum and energy	Conservation of momentum and energy-1	7 PM - 8 PM
Thursday, May 21, 2026		Conservation of momentum and energy-2	7 PM - 8 PM

Rahul Sir : Industrial Engineering			
Date	**Chapter**	**Title**	**Timing**
Friday, May 22, 2026	**Introduction and BEA**	Introduction & BEA-1	7 PM - 8 PM
Monday, May 25, 2026		Introduction & BEA-2	7 PM - 8 PM
Tuesday, May 26, 2026	**Inventory Control**	Inventory-1	7 PM - 8 PM
Wednesday, May 27, 2026		Inventory-2	7 PM - 8 PM
Thursday, May 28, 2026		Inventory-3	7 PM - 8 PM
Friday, May 29, 2026		Inventory-4	7 PM - 8 PM
Monday, June 1, 2026	**Sequencing**	Sequencing-1	7 PM - 8 PM
Tuesday, June 2, 2026		Sequencing-2	7 PM - 8 PM
Wednesday, June 3, 2026		Sequencing-3	7 PM - 8 PM

Thursday, May 14, 2026	**Basic Introduction of RAC**	Basics of refrigeration system 1	4 PM - 5 PM	Thursday, June 4, 2026	**PERT & CPM**	PERT & CPM-1	7 PM - 8 PM
Friday, May 15, 2026	**Vapour Compression Refrigeration s**	Vapour Compression Refrigeration system 4	4 PM - 5 PM	Friday, June 5, 2026		PERT & CPM-2	7 PM - 8 PM
Monday, May 18, 2026		Vapour Compression Refrigeration system 5	4 PM - 5 PM	Monday, June 8, 2026		PERT & CPM-3	7 PM - 8 PM
Tuesday, May 19, 2026	**Refrigerants**	Types of refrigerants & Properties 1	4 PM - 5 PM	Tuesday, June 9, 2026		PERT & CPM-4	7 PM - 8 PM
Wednesday, May 20, 2026	**Vapour absorption refrigeration syst**	Vapour absorption refrigeration system 1	4 PM - 5 PM	Wednesday, June 10, 2026		PERT & CPM-5	7 PM - 8 PM
Thursday, May 21, 2026		Vapour absorption refrigeration system 2	4 PM - 5 PM	Thursday, June 11, 2026		PERT & CPM-6	7 PM - 8 PM
Friday, May 22, 2026	**Refrigeration Cycle and Devices**	Refrigeration equipments 1	4 PM - 5 PM	Friday, June 12, 2026		Forecasting-1	7 PM - 8 PM
Monday, May 25, 2026		Refrigeration equipments 2	4 PM - 5 PM	Monday, June 15, 2026		Forecasting-2	7 PM - 8 PM
Tuesday, May 26, 2026		Refrigeration equipments 3	4 PM - 5 PM	Tuesday, June 16, 2026		Forecasting-3	7 PM - 8 PM
Wednesday, May 27, 2026	**Air conditioning**	Psychrometry 1	4 PM - 5 PM	Wednesday, June 17, 2026	**Forecasting**	Forecasting-4	7 PM - 8 PM
Thursday, May 28, 2026		Psychrometry 2	4 PM - 5 PM	Thursday, June 18, 2026	**Queing Theory**	Queing Theory-1	7 PM - 8 PM
Friday, May 29, 2026		Psychrometry 3	4 PM - 5 PM	Friday, June 19, 2026		Queing Theory-2	7 PM - 8 PM
Rahul Sir : Production Engineering				Monday, June 22, 2026		Linear programming-1	7 PM - 8 PM
Date	**Chapter**	**Title**	**Timing**	Tuesday, June 23, 2026	**Linear Programming**	Linear programming-2	7 PM - 8 PM
Monday, June 1, 2026		Welding-1	4 PM - 5 PM	Wednesday, June 24, 2026		Linear programming-3	7 PM - 8 PM
Tuesday, June 2, 2026		Welding-2	4 PM - 5 PM	Thursday, June 25, 2026	**Transportation**	Transportation-1	7 PM - 8 PM
Wednesday, June 3, 2026		Welding-3	4 PM - 5 PM	Friday, June 26, 2026		Transportation-2	7 PM - 8 PM
Thursday, June 4, 2026	**Joining**	Welding-4	4 PM - 5 PM	Monday, June 29, 2026	**Assignment**	Assignment-1	7 PM - 8 PM
Friday, June 5, 2026		Welding-5	4 PM - 5 PM	Tuesday, June 30, 2026		Assignment-2	7 PM - 8 PM
Monday, June 8, 2026		Welding-6	4 PM - 5 PM	Wednesday, July 1, 2026	**MRP**	MRP-1	7 PM - 8 PM
Tuesday, June 9, 2026		Welding-7	4 PM - 5 PM	Thursday, July 2, 2026		MRP-2	7 PM - 8 PM

Wednesday, June 10, 2026		Welding-8	4 PM - 5 PM	Rahul Sir : Fluid Mechanics			
Thursday, June 11, 2026		Welding-9	4 PM - 5 PM				
Friday, June 12, 2026		Welding-10	4 PM - 5 PM	**Date**	**Topic**	**Title**	**Timing**
Monday, June 15, 2026	**Metal Casting**	Casting-1	4 PM - 5 PM	Friday, July 3, 2026	**FLUID PROPERTY**	Basic introduction	7 PM - 8 PM
Tuesday, June 16, 2026		Casting-2	4 PM - 5 PM	Monday, July 6, 2026		Bulk modulus , Density	7 PM - 8 PM
Wednesday, June 17, 2026		Casting-3	4 PM - 5 PM	Tuesday, July 7, 2026		Specific gravity and Specific Weight	7 PM - 8 PM
Thursday, June 18, 2026		Casting-4	4 PM - 5 PM	Wednesday, July 8, 2026		Viscosity	7 PM - 8 PM
Friday, June 19, 2026		Casting-5	4 PM - 5 PM	Thursday, July 9, 2026		Newton law of viscosity	7 PM - 8 PM
Monday, June 22, 2026		Casting-6	4 PM - 5 PM	Friday, July 10, 2026		Fluid classification	7 PM - 8 PM
Tuesday, June 23, 2026		Casting-7	4 PM - 5 PM	Monday, July 13, 2026	**SURFACE TENSION**	Surface tension	7 PM - 8 PM
Wednesday, June 24, 2026		Casting-8	4 PM - 5 PM	Tuesday, July 14, 2026	**CAPILLARY**	Capillary	7 PM - 8 PM
Thursday, June 25, 2026		Casting-9	4 PM - 5 PM	Wednesday, July 15, 2026	**PRESSURE**	Basic , Types of pressure	7 PM - 8 PM
Friday, June 26, 2026		Casting-10	4 PM - 5 PM	Thursday, July 16, 2026		Pascal and hydrostatic law	7 PM - 8 PM
Monday, June 29, 2026	**Metal Forming & Sheet Metals**	Metal Forming-1	4 PM - 5 PM	Friday, July 17, 2026		Pressure measuring device -1	7 PM - 8 PM
Tuesday, June 30, 2026		Metal Forming-2	4 PM - 5 PM	Monday, July 20, 2026		Pressure measuring device -2	7 PM - 8 PM
Wednesday, July 1, 2026		Metal Forming-3	4 PM - 5 PM	Tuesday, July 21, 2026	**BUOYANCY AND FLOATATION**	Basic concepts , principle of floatation	7 PM - 8 PM
Thursday, July 2, 2026		Metal Forming-4	4 PM - 5 PM	Wednesday, July 22, 2026		Stability condition of submerged body	7 PM - 8 PM
Friday, July 3, 2026		Metal Forming-5	4 PM - 5 PM	Thursday, July 23, 2026		Concept of metacentre	7 PM - 8 PM
Monday, July 6, 2026		Metal Forming-6	4 PM - 5 PM	Friday, July 24, 2026		Stability condition of floating body	7 PM - 8 PM
Tuesday, July 7, 2026		Metal Forming-7	4 PM - 5 PM	Monday, July 27, 2026	**HYDROSTATICS FORCE**	Hydro-static forces on plane	7 PM - 8 PM
Wednesday, July 8, 2026		Metal Forming-8	4 PM - 5 PM	Tuesday, July 28, 2026		Hydro-static forces on curved surface	7 PM - 8 PM
Thursday, July 9, 2026		Metal Forming-9	4 PM - 5 PM	Wednesday, July 29, 2026	**FLUID KINEMATICS**	Basic and types of flow	7 PM - 8 PM

Friday, July 10, 2026		Metal Forming-10	4 PM - 5 PM	Thursday, July 30, 2026		Stream, path and streak line	7 PM - 8 PM
Monday, July 13, 2026	**Metrology**	Metrology-1	4 PM - 5 PM	Friday, July 31, 2026		Continuity equation	7 PM - 8 PM
Tuesday, July 14, 2026		Metrology-2	4 PM - 5 PM	Monday, August 3, 2026		Velocity and stream function	7 PM - 8 PM
Wednesday, July 15, 2026		Metrology-3	4 PM - 5 PM	Tuesday, August 4, 2026	**FLUID DYNAMICS**	Eulers , B.E equation	7 PM - 8 PM
Thursday, July 16, 2026		Metrology-4	4 PM - 5 PM	Wednesday, August 5, 2026		Application of B.E Equation	7 PM - 8 PM
Friday, July 17, 2026		Metrology-5	4 PM - 5 PM	Thursday, August 6, 2026		Basic introduction , shear stress and velcoity profile	7 PM - 8 PM
Monday, July 20, 2026	**Machine & Machine Tools**	Concept of MMT-1	4 PM - 5 PM	Friday, August 7, 2026		Pressure drop , friction factor	7 PM - 8 PM
Tuesday, July 21, 2026		Concept of MMT-2	4 PM - 5 PM	Monday, August 10, 2026	**LAMINAR & TURBULENT FLOW**	Turbulent flow	7 PM - 8 PM
Wednesday, July 22, 2026		Concept of MMT-3	4 PM - 5 PM	Tuesday, August 11, 2026	**FLOW THROUGH PIPE**	Major , minor losses	7 PM - 8 PM
Thursday, July 23, 2026		Concept of MMT-4	4 PM - 5 PM	Wednesday, August 12, 2026		Concept of equivalent pipe and maximum efficiency	7 PM - 8 PM
Friday, July 24, 2026		Concept of MMT-5	4 PM - 5 PM	Thursday, August 13, 2026	**BOUNDARY LAYER THEORY**	Boundry layer thoery	7 PM - 8 PM
Monday, July 27, 2026		Concept of MMT-6	4 PM - 5 PM	Friday, August 14, 2026	**VORTEX MOTION**	Free Vortex motion	7 PM - 8 PM
Tuesday, July 28, 2026		Concept of MMT-7	4 PM - 5 PM	Monday, August 17, 2026		Forced Vortex motion	7 PM - 8 PM
Wednesday, July 29, 2026		Concept of MMT-8	4 PM - 5 PM	Tuesday, August 18, 2026	**MODELLING AND SIMLITUDE**	Similarity , dimensionless number	7 PM - 8 PM
Thursday, July 30, 2026		Concept of MMT-9	4 PM - 5 PM	Wednesday, August 19, 2026		Miscellaneous	7 PM - 8 PM
Friday, July 31, 2026		Concept of MMT-10	4 PM - 5 PM	Thursday, August 20, 2026		Miscellaneous	7 PM - 8 PM
Monday, August 3, 2026	**Unconventional Machining**	Unconventional Machining-1	4 PM - 5 PM	Friday, August 21, 2026		Miscellaneous	7 PM - 8 PM
Tuesday, August 4, 2026		Unconventional Machining-2	4 PM - 5 PM	Monday, August 24, 2026	**Miscellaneous**	Miscellaneous	7 PM - 8 PM
Wednesday, August 5, 2026	**Jigs and Fixtures**	Jigs & Fixtures	4 PM - 5 PM	Tuesday, August 25, 2026		Miscellaneous	7 PM - 8 PM
Thursday, August 6, 2026	**Metal Cutting**	Metal Cutting-1	4 PM - 5 PM	Wednesday, August 26, 2026		Miscellaneous	7 PM - 8 PM
Friday, August 7, 2026		Metal Cutting-2	4 PM - 5 PM	Thursday, August 27, 2026		Miscellaneous	7 PM - 8 PM
Monday, August 10, 2026		Metal Cutting-3	4 PM - 5 PM	Friday, August 28, 2026		Miscellaneous	7 PM - 8 PM

Tuesday, August 11, 2026		Metal Cutting-4	4 PM - 5 PM	Monday, August 31, 2026		Miscellaneous	7 PM - 8 PM
Wednesday, August 12, 2026		Metal Cutting-5	4 PM - 5 PM	Tuesday, September 1, 2026		Miscellaneous	7 PM - 8 PM
Thursday, August 13, 2026	Machine & Machine Tools	Concept of MMT-1	4 PM - 5 PM	Wednesday, September 2, 2026		Miscellaneous	7 PM - 8 PM
Friday, August 14, 2026		Concept of MMT-2	4 PM - 5 PM	**Rahul sir : Strength of Materials**			
Monday, August 17, 2026		Concept of MMT-3	4 PM - 5 PM	**Date**	**Chapter**	**Title**	**Timing**
Tuesday, August 18, 2026		Concept of MMT-4	4 PM - 5 PM	Wednesday, September 2, 2026	**Orientation**	Orientation	7 PM - 8 PM
Rahul Sir : Material Science				Thursday, September 3, 2026		Basic introduction , Load classifcation	7 PM - 8 PM
				Friday, September 4, 2026		Concept of stress and strain	7 PM - 8 PM
Date	**Chapter**	**Title**	**Timing**	Monday, September 7, 2026		Mechanical properties of materials	7 PM - 8 PM
Wednesday, August 19, 2026	**Introduction**	Introduction-1	4 PM - 5 PM	Tuesday, September 8, 2026	**STRESS AND STRAIN**	Stress vs strain curve for all materials	7 PM - 8 PM
Thursday, August 20, 2026	**Structure and Properties of Engineering Material**	Crystalline Materials-1	4 PM - 5 PM	Wednesday, September 9, 2026		Elastic constant	7 PM - 8 PM
Friday, August 21, 2026		Crystalline Materials-2	4 PM - 5 PM	Thursday, September 10, 2026		Concepts of deformation-1	7 PM - 8 PM
Monday, August 24, 2026	**Steel**	Steel-1	4 PM - 5 PM	Friday, September 11, 2026		Concepts of deformation-2	7 PM - 8 PM
Tuesday, August 25, 2026	**Heat Treatment of steel**	Heat treatment of steel-1	4 PM - 5 PM	Monday, September 14, 2026	**STRAIN ENERGY**	Strain energy due axial and self weight	7 PM - 8 PM
Wednesday, August 26, 2026			4 PM - 5 PM	Tuesday, September 15, 2026	**THERMAL STRESS**	Thermal stress under free expansion	7 PM - 8 PM
Thursday, August 27, 2026	**Cast Iron**	Cast Iron	4 PM - 5 PM	Wednesday, September 16, 2026		Thermal stress under fixed , composite beam	7 PM - 8 PM
				Thursday, September 17, 2026	**SHEAR IN BEAM**	Shear in rectangular and triangular section	7 PM - 8 PM
Rahul Sir : Thermodynamics				Friday, September 18, 2026		Shear in circular , IN section of beam	7 PM - 8 PM
				Monday, September 21, 2026	**BENDING IN BEAM**	Bending equation	7 PM - 8 PM
Date	**Chapter**	**Title**	**Timing**	Tuesday, September 22, 2026		Application of bending equation	7 PM - 8 PM
Friday, August 28, 2026	**Thermodynamics system and processes**	Basics Concept-1	4 PM - 5 PM	Wednesday, September 23, 2026	**TORSION IN SHAFT**	Torsion equation	7 PM - 8 PM
Monday, August 31, 2026		Basics Concept-2	4 PM - 5 PM	Thursday, September 24, 2026		Torsion equation application	7 PM - 8 PM

Tuesday, September 1, 2026	**Heat and Work**	Heat and work-1	4 PM - 5 PM	Friday, September 25, 2026	**Combined stress**	Concepts of normal and shear stress in oblique plane	7 PM - 8 PM
Wednesday, September 2, 2026		Heat and work-2	4 PM - 5 PM	Monday, September 28, 2026		Concepts of principle plane ,stress	7 PM - 8 PM
Thursday, September 3, 2026			4 PM - 5 PM	Tuesday, September 29, 2026		Mohr Circle	7 PM - 8 PM
Friday, September 4, 2026	**First law of thermodynamics**	First law of thermodynamics-1	4 PM - 5 PM	Wednesday, September 30, 2026	**SFD AND BMD**	Basic , types of beam support , reaction calculation	7 PM - 8 PM
Monday, September 7, 2026		First law of thermodynamics-2	4 PM - 5 PM	Thursday, October 1, 2026		SFD & BMD OF Cantiliver & ssb beam	7 PM - 8 PM
Tuesday, September 8, 2026		First law of thermodynamics-3	4 PM - 5 PM	Monday, October 5, 2026		SFD & BMD combination of load	7 PM - 8 PM
Wednesday, September 9, 2026		First law of thermodynamics-4	4 PM - 5 PM	Tuesday, October 6, 2026	**SLOPE AND DEFLECTION**	Basic and Method of slope and deflection	7 PM - 8 PM
Thursday, September 10, 2026		First law of thermodynamics-5	4 PM - 5 PM	Wednesday, October 7, 2026		Slope and deflection of cantiliver	7 PM - 8 PM
Friday, September 11, 2026	**Second law of thermodynamics and Entropy**	Second law of thermodynamics-1	4 PM - 5 PM	Thursday, October 8, 2026		Slope and deflection of SSB beam	7 PM - 8 PM
Monday, September 14, 2026		Second law of thermodynamics-2	4 PM - 5 PM	Friday, October 9, 2026	**COLUMN AND STRUT**	Basic and eulers and rankine formula	7 PM - 8 PM
Tuesday, September 15, 2026		Entropy part-1	4 PM - 5 PM	Monday, October 12, 2026	**THIN AND THICK CYLINDER**	Basic and thin cylinder stress calculation	7 PM - 8 PM
Wednesday, September 16, 2026		Entropy part-2	4 PM - 5 PM	Tuesday, October 13, 2026	**THEORY OF FAILURE**	Theory of failure-1	7 PM - 8 PM
Thursday, September 17, 2026		Entropy part-3	4 PM - 5 PM	Wednesday, October 14, 2026		Theory of failure-2	7 PM - 8 PM
Friday, September 18, 2026		Entropy part-4	4 PM - 5 PM	Thursday, October 15, 2026	**LIVE DOUBT AND MISCELLANEOUS**	Live doubt and miscellaneous-1	7 PM - 8 PM
Monday, September 21, 2026	**Properties of pure substance**	Properties of pure substance part 1	4 PM - 5 PM	Friday, October 16, 2026		Live doubt and miscellaneous-2	7 PM - 8 PM
Tuesday, September 22, 2026		Properties of pure substance part 2	4 PM - 5 PM	Monday, October 19, 2026		Live doubt and miscellaneous-3	7 PM - 8 PM
Wednesday, September 23, 2026		Properties of pure substance part 3	4 PM - 5 PM	Tuesday, October 20, 2026	**Strenth of material**	SOM-34	7 PM - 8 PM
Thursday, September 24, 2026		Properties of pure substance part 4	4 PM - 5 PM	Wednesday, October 21, 2026	**Strenth of material**	SOM-35	7 PM - 8 PM
Rahul Sir : Theory of Machines				Thursday, October 22, 2026	**Strenth of material**	SOM-36	7 PM - 8 PM
				Friday, October 23, 2026	**Strenth of material**	SOM-37	7 PM - 8 PM
				Monday, October 26, 2026	**Strenth of material**	SOM-38	7 PM - 8 PM
Date	**Chapter**	**Title**	**Timing**	Tuesday, October 27, 2026	**Strenth of material**	SOM-39	7 PM - 8 PM

	Mechanism and machines	Simple Mechanism-1	Recording	Wednesday, October 28, 2026	**Strenth of material**	SOM-40	7 PM - 8 PM
		Simple Mechanism-2	Recording	Thursday, October 29, 2026	**Strenth of material**	SOM-41	7 PM - 8 PM
		Simple Mechanism-3	Recording	Friday, October 30, 2026	**Strenth of material**	SOM-42	7 PM - 8 PM
		Simple Mechanism-4	Recording	Monday, November 2, 2026	**Strenth of material**	SOM-43	7 PM - 8 PM
		Simple Mechanism-5	Recording	**Rahul Sir : Machine Design**			
		Simple Mechanism-6	Recording				
	Velocity and acceleration analysis	Motion Analysis-1	Recording	**Date**	**Chapter**	**Title**	**Timing**
		Motion Analysis-2	Recording		**Design for static loading**	Introduction to load	Recording
	Gear	Gear-1	Recording			Different theories of Failures-1	Recording
		Gear-2	Recording			Different theories of Failures-2	Recording
		Gear-3	Recording			Different theories of Failures-3	Recording
		Gear-4	Recording		**Design against Fluctuation load**	Design against Fluctuation load-1	Recording
		Gear-5	Recording			Design against Fluctuation load-2	Recording
		Gear-6	Recording			Design against Fluctuation load-3	Recording
	Gear Train	Gear Train-1	Recording		**Riveted ,welded Joint and bolted joint**	Different stresses in Screw fastners	Recording
		Gear Train-2	Recording			Bolt joint analysis-1	Recording
	Governor	Governor-1	Recording			Bolt joint analysis-2	Recording
		Governor-2	Recording			Design of Rivet joint and Stress Analysis	Recording
		Governor-3	Recording			Type of riveted joint and efficiency	Recording
		Governor-4	Recording			Parallel fillet weld	Recording
		Governor-5	Recording			Transverse fillet weld	Recording
	Flywheel	Flywheel-1	Recording			Welded joint subjected to bending moment	Recording

		Flywheel-2	Recording			Welded joint subjected to torsion moment	Recording
	Cam & Follower	Cam & Follower-1	Recording			Design of shaft for variable load-1	Recording
		Cam & Follower-2	Recording			Design of shaft for variable load-2	Recording
	Balancing	All About Balancing	Recording		Shaft Key and Coupling	Design of shaft for variable load-3	Recording
	Vibration	Vibration-1	Recording		Sliding contact bearing	Journal Bearing-1	Recording
		Vibration-2	Recording			Journal Bearing-2	Recording
Rahul Sir : Heat & Mass Transfer					Rolling contact bearing	Roller bearing-1	Recording
						Roller bearing-2	Recording
Date	**Topic**	**Title**	**Timing**			Roller bearing-3	Recording
	Heat, Mass & Transfer	Heat, Mass & Transfer - 1	Recording		Design of Gears	Laws of gearing	Recording
		Heat, Mass & Transfer - 2	Recording			Types of Gears	Recording
		Heat, Mass & Transfer - 3	Recording		Spring	Spring-1	Recording
		Heat, Mass & Transfer - 4	Recording			Spring-2	Recording
		Heat, Mass & Transfer - 5	Recording				
		Heat, Mass & Transfer - 6	Recording				
		Heat, Mass & Transfer - 7	Recording				
		Heat, Mass & Transfer - 8	Recording				
		Heat, Mass & Transfer - 9	Recording				
		Heat, Mass & Transfer - 10	Recording				
		Heat, Mass & Transfer - 11	Recording				
		Heat, Mass & Transfer - 12	Recording				
		Heat, Mass & Transfer - 13	Recording				

		Heat, Mass & Transfer - 14	Recording				
		Heat, Mass & Transfer - 15	Recording				
		Heat, Mass & Transfer - 16	Recording				
		Heat, Mass & Transfer - 17	Recording				
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		Heat, Mass & Transfer - 27	Recording				
		Heat, Mass & Transfer - 28	Recording				
		Heat, Mass & Transfer - 29	Recording				
		Heat, Mass & Transfer - 30	Recording				