

STUDY PLAN

Rajat sir : 10 RCC Design				Rahul Sir Hydraulic Machines			Pramod sir : 15 Railway Engineering			
				Date	Title	Timing				
				Recorded	Impact of jet	Recorded				
Date	Chapter	Topic	Timing	Recorded	Turbine basic , classification	Recorded	Date	Chapter	Topic	Timing
Saturday, August 30, 2025	Orientation	Orientation	2:00PM - 3:00 PM	Recorded	Pelton wheel, francis , kaplan turbine	Recorded	Friday, September 5, 2025	Basic Principle	Orientation	3:00PM-4:00PM
Monday, September 1, 2025	Introduction	Concrete-1	2:00PM - 3:00 PM	Recorded	Pump-1	Recorded	Monday, September 8, 2025		Defect in rail	3:00PM-4:00PM
Tuesday, September 2, 2025		Concrete-2	2:00PM - 3:00 PM	Recorded	Pump-2	Recorded	Tuesday, September 9, 2025		Gauge in railway track	3:00PM-4:00PM
Wednesday, September 3, 2025	Reinforced Cement Concrete	Concrete mix	2:00PM - 3:00 PM	Recorded	Live doubt and miscellaneous-1	Recorded	Wednesday, September 10, 2025		Classification of sleeper	3:00PM-4:00PM
Thursday, September 4, 2025		Important Test & IS CODE-1	2:00PM - 3:00 PM	Recorded	Live doubt and miscellaneous-2	Recorded	Thursday, September 11, 2025	Track Design	Track fastener	3:00PM-4:00PM
Friday, September 5, 2025		Important Test & IS CODE-2	2:00PM - 3:00 PM	Recorded	Live doubt and miscellaneous-3	Recorded	Friday, September 12, 2025		Ballast	3:00PM-4:00PM
Monday, September 8, 2025		IS 456 , Codal provision-1	2:00PM - 3:00 PM	Rahul Sir Fluid Mechanics			Monday, September 15, 2025		Geometric design 1	3:00PM-4:00PM
Tuesday, September 9, 2025		IS 456 , Codal provision-2	2:00PM - 3:00 PM				Tuesday, September 16, 2025		Geometric design 2	3:00PM-4:00PM
Wednesday, September 10, 2025		IS 456 , Codal provision-3	2:00PM - 3:00 PM				Wednesday, September 17, 2025		Superelevation	3:00PM-4:00PM
Thursday, September 11, 2025		Important Terms, Stress and stain diagram-1	2:00PM - 3:00 PM	Date	Title	Timing	Thursday, September 18, 2025		Transition curve	3:00PM-4:00PM
Friday, September 12, 2025	Beams And Slabs	Important Terms, Stress and stain diagram-2	2:00PM - 3:00 PM	Monday, September 1, 2025	Basic introduction	7:00PM-7:59PM	Friday, September 19, 2025	Miscellaneous	Miscellaneous-1	3:00PM-4:00PM
Monday, September 15, 2025		Singly Reinforce Beam-1	2:00PM - 3:00 PM	Tuesday, September 2, 2025	Bulk modulus , Density	7:00PM-7:59PM	Monday, September 22, 2025		Miscellaneous-2	3:00PM-4:00PM
Tuesday, September 16, 2025		Singly Reinforce Beam-2	2:00PM - 3:00 PM	Wednesday, September 3, 2025	Specific gravity and Specific Weight	7:00PM-7:59PM	Tuesday, September 23, 2025		Miscellaneous-3	3:00PM-4:00PM
Wednesday, September 17, 2025		Doubly Reinforce Beam	2:00PM - 3:00 PM	Thursday, September 4, 2025	Viscosity	7:00PM-7:59PM	Wednesday, September 24, 2025		Miscellaneous-4	3:00PM-4:00PM

Thursday, September 18, 2025		Definition, Codal provision	2:00PM - 3:00 PM		Friday, September 5, 2025	Newton law of viscosity	7:00PM-7:59PM		Pramod sir : 7 Hydrology			
Friday, September 19, 2025		Slab design-1	2:00PM - 3:00 PM		Monday, September 8, 2025	Fluid classification	7:00PM-7:59PM					
Monday, September 22, 2025		Slab design-2	2:00PM - 3:00 PM		Tuesday, September 9, 2025	Surface tension	7:00PM-7:59PM		Date	Chapter	Topic	Timing
Tuesday, September 23, 2025	Flange Section	T Beam & L Beam-1	2:00PM - 3:00 PM		Wednesday, September 10, 2025	Capillary	7:00PM-7:59PM		Friday, September 5, 2025	Basic principles And introduction	Stage and form of precipitation	5:00PM-5:59PM
Wednesday, September 24, 2025		T Beam & L Beam-2	2:00PM - 3:00 PM		Thursday, September 11, 2025	Basic , Types of pressure	7:00PM-7:59PM		Monday, September 8, 2025		Index of wetness	5:00PM-5:59PM
Thursday, September 25, 2025	Shear	Shear-1	2:00PM - 3:00 PM		Friday, September 12, 2025	Pascal and hydrostatic law	7:00PM-7:59PM		Tuesday, September 9, 2025	Precipitation	Arithmetic mean methodand thessen polygon method	5:00PM-5:59PM
Friday, September 26, 2025		Shear-2	2:00PM - 3:00 PM		Monday, September 15, 2025	Pressure measuring device -1	7:00PM-7:59PM		Wednesday, September 10, 2025		Estimation of missing data	5:00PM-5:59PM
Monday, September 29, 2025	Bond Anchorage And Development Length	Bond & Develpoment length-1	2:00PM - 3:00 PM		Tuesday, September 16, 2025	Pressure measuring device -2	7:00PM-7:59PM		Thursday, September 11, 2025		Mass curve and hytograph	5:00PM-5:59PM
Tuesday, September 30, 2025		Bond & Develpoment length-2	2:00PM - 3:00 PM		Wednesday, September 17, 2025	Basic concepts , principle of floatation	7:00PM-7:59PM		Friday, September 12, 2025		Method to determination	5:00PM-5:59PM
Wednesday, October 1, 2025		Torsion, Equivalent moment & Shear-1	2:00PM - 3:00 PM		Thursday, September 18, 2025	Stability condition of submerged body	7:00PM-7:59PM		Monday, September 15, 2025	Flood Routing and Flood Control	Probability method	5:00PM-5:59PM
Thursday, October 2, 2025					Friday, September 19, 2025	Concept of metacentre	7:00PM-7:59PM		Tuesday, September 16, 2025		Infiltration w index and phi index	5:00PM-5:59PM
Friday, October 3, 2025		Torsion, Equivalent moment & Shear-2	2:00PM - 3:00 PM		Monday, September 22, 2025	Stability condition of floating body	7:00PM-7:59PM		Wednesday, September 17, 2025		Hydrograph	5:00PM-5:59PM
Monday, October 6, 2025		Column	Introduction, Types of column	2:00PM - 3:00 PM		Tuesday, September 23, 2025	Hydro-static forces on plane	7:00PM-7:59PM		Pramod sir : 2 Environmental Engineering		
Tuesday, October 7, 2025	Concentric column, Axially loaded column-1		2:00PM - 3:00 PM		Wednesday, September 24, 2025	Hydro-static forces on curved surface	7:00PM-7:59PM					
Wednesday, October 8, 2025	Concentric column, Axially loaded column-2		2:00PM - 3:00 PM		Thursday, September 25, 2025	Basic and types of flow	7:00PM-7:59PM					
Thursday, October 9, 2025	Codal Provision Related to column-1		2:00PM - 3:00 PM		Friday, September 26, 2025	Stream, path and streak line	7:00PM-7:59PM		Date	Chapter	Topic	Timing
Friday, October 10, 2025	Codal Provision Related to column-2		2:00PM - 3:00 PM		Monday, September 29, 2025	Continuity equation	7:00PM-7:59PM		Thursday, September 18, 2025	Population forecasting and Water demand	Water Demand	5:00PM-5:59PM
Monday, October 13, 2025	Column design, Spiral reinforced column-1		2:00PM - 3:00 PM		Tuesday, September 30, 2025	Velocity and stream function	7:00PM-7:59PM		Friday, September 19, 2025		Population Forecast	5:00PM-5:59PM
Tuesday, October 14, 2025	Column design, Spiral reinforced column-2		2:00PM - 3:00 PM		Wednesday, October 1, 2025	Eulers , B.E equation	7:00PM-7:59PM		Monday, September 22, 2025	Quality of water	Physical Water Quality Parameters	5:00PM-5:59PM
END OF SUBJECT					Thursday, October 2, 2025	Application of B.E Equation	7:00PM-7:59PM		Tuesday, September 23, 2025		Chemical Water Quality Parameters	5:00PM-5:59PM

Rajat sir : CPM PERT					Friday, October 3, 2025	Basic introduction , shear stress and velcoi	7:00PM-7:59PM		Wednesday, September 24, 2025		Hardness of Water	5:00PM-5:59PM	
					Monday, October 6, 2025	Pressure drop , friction factor	7:00PM-7:59PM		Thursday, September 25, 2025		Nitrogen Content	5:00PM-5:59PM	
					Tuesday, October 7, 2025	Turbulent flow	7:00PM-7:59PM		Friday, September 26, 2025		Screening, Aeration	5:00PM-5:59PM	
Date	Chapter	Topic	Timing		Wednesday, October 8, 2025	Major , minor losses	7:00PM-7:59PM		Monday, September 29, 2025		Sedimentation-1	5:00PM-5:59PM	
Monday, August 25, 2025	CPM PERT	CPM PERT-1	4:00PM-4:59PM		Thursday, October 9, 2025	Concept of equivalent pipe and maximum	7:00PM-7:59PM		Tuesday, September 30, 2025		Sedimentation-2	5:00PM-5:59PM	
Tuesday, August 26, 2025		CPM PERT-2	4:00PM-4:59PM		Friday, October 10, 2025	Boundry layer thoery	7:00PM-7:59PM		Wednesday, October 1, 2025		Filtration	5:00PM-5:59PM	
Wednesday, August 27, 2025		CPM PERT-3	4:00PM-4:59PM		Monday, October 13, 2025	Free Vortex motion	7:00PM-7:59PM		Thursday, October 2, 2025		Disinfection	5:00PM-5:59PM	
Thursday, August 28, 2025		CPM PERT-4	4:00PM-4:59PM		Tuesday, October 14, 2025	Forced Vortex motion	7:00PM-7:59PM		Friday, October 3, 2025		Water Softening	5:00PM-5:59PM	
Friday, August 29, 2025		CPM PERT-5	4:00PM-4:59PM		Wednesday, October 15, 2025	Similarity , dimensionless number	7:00PM-7:59PM		Monday, October 6, 2025		Chemical Waste Water Treatment Plant	5:00PM-5:59PM	
Monday, September 1, 2025		CPM PERT-6	4:00PM-4:59PM		Rahul Sir Engineering Mechanics				Tuesday, October 7, 2025		BOD, COD	5:00PM-5:59PM	
Tuesday, September 2, 2025		CPM PERT-7	4:00PM-4:59PM						Wednesday, October 8, 2025		Disposal of Sewage Effluent	Dilution	5:00PM-5:59PM
Wednesday, September 3, 2025		CPM PERT-8	4:00PM-4:59PM		Date	Title	Timing		Thursday, October 9, 2025		Design of Sewer	Design of Sewer	5:00PM-5:59PM
Thursday, September 4, 2025		CPM PERT-9	4:00PM-4:59PM		Recorded	Basic of forces-1	Recorded		Friday, October 10, 2025		Grit Chamber	5:00PM-5:59PM	
Friday, September 5, 2025		CPM PERT-10	4:00PM-4:59PM		Recorded	Basic of forces-2	Recorded		Monday, October 13, 2025		Sedimentation	5:00PM-5:59PM	
END OF SUBJECT					Recorded	Basic of forces-3	Recorded		Tuesday, October 14, 2025		Trickling Filter	5:00PM-5:59PM	
Rajat sir : 1 Structural Analysis					Recorded	Basic of forces-4	Recorded		Wednesday, October 15, 2025		Activated Sludge	5:00PM-5:59PM	
					Recorded	Basic of forces-5	Recorded		Thursday, October 16, 2025		Solid Waste Management	Disposal of MSW	5:00PM-5:59PM
					Recorded	Types of beam-1	Recorded		Friday, October 17, 2025			Noise Pollution	5:00PM-5:59PM
Date	Chapter	Topic	Timing		Recorded	Types of beam-2	Recorded		END OF SUBJECT				
Monday, September 8, 2025	Determinant & Indeterminate Structures	Static Indeterminacy Of Structure	4:00PM-4:59PM		Recorded	Concepts of friction-1	Recorded		Pramod sir : 9 Highway Engineering				

Tuesday, September 9, 2025		Kinematic Indeterminacy Of Structure And Stability	4:00PM-4:59PM		Recorded	Concepts of friction -2	Recorded					
Wednesday, September 10, 2025	Methods Of Structural Analysis	Forced Method	4:00PM-4:59PM		Recorded	Concepts of friction -3	Recorded					
Thursday, September 11, 2025		Slope Deflection Method	4:00PM-4:59PM		Recorded	Moment of Inertia-1	Recorded		Date	Chapter	Topic	Timing
Friday, September 12, 2025		Moment Distribution Method	4:00PM-4:59PM		Recorded	Moment of Inertia-2	Recorded		Thursday, September 25, 2025	Highway development and planning	Introduction and all plans-1	3:00PM-3:59PM
Monday, September 15, 2025	Cables And Frames	Cables And Frames, Arches	4:00PM-4:59PM		Recorded	Moment of Inertia-3	Recorded		Friday, September 26, 2025		Introduction and all plans-2	3:00PM-3:59PM
Tuesday, September 16, 2025		Influence Line Diagram And Rolling Loads	4:00PM-4:59PM		Recorded	Conservation of momentum and energy-1	Recorded		Saturday, September 27, 2025	Cross sectional elements-1	3:00PM-3:59PM	
Wednesday, September 17, 2025	Trusses	Joint Method	4:00PM-4:59PM		Recorded	Conservation of momentum and energy-2	Recorded		Sunday, September 28, 2025	Cross sectional elements-2	3:00PM-3:59PM	
Thursday, September 18, 2025		Section Method	4:00PM-4:59PM						Monday, September 29, 2025	Sight distance-1	3:00PM-3:59PM	
END OF SUBJECT									Tuesday, September 30, 2025	Highway Geometric Design	Sight distance-2	3:00PM-3:59PM
Rajat sir : 5 Surveying									Wednesday, October 1, 2025		Horizontal alignment-1	3:00PM-3:59PM
									Thursday, October 2, 2025		Horizontal alignmen-2	3:00PM-3:59PM
Date	Chapter	Topic	Timing						Friday, October 3, 2025		Vertical alignment-1	3:00PM-3:59PM
Monday, September 22, 2025	Fundamental Concept	Types Of Surveying, Principal Of Survey	4:00PM-4:59PM						Saturday, October 4, 2025		3:00PM-3:59PM	
Tuesday, September 23, 2025		Vernier Caliper And Types	4:00PM-4:59PM						Sunday, October 5, 2025	Vertical alignment-2	3:00PM-3:59PM	
Wednesday, September 24, 2025	Linear Measurement	Chain Line, Types Of Chain	4:00PM-4:59PM						Monday, October 6, 2025	Traffic Engineering	Traffic characteristics and voulme study-1	3:00PM-3:59PM
Thursday, September 25, 2025		Tape, Correction In Chain Survey	4:00PM-4:59PM						Tuesday, October 7, 2025		Traffic characteristics and voulme study-2	3:00PM-3:59PM
Friday, September 26, 2025		Types Of Correction In Chain Survey, Normal Tension	4:00PM-4:59PM						Wednesday, October 8, 2025		Traffic speed and capacity studies-1	3:00PM-3:59PM
Monday, September 29, 2025	Compass Surveying And Theodolite	Bearing & Measurement Of Bearing	4:00PM-4:59PM						Thursday, October 9, 2025		Traffic speed and capacity studies-2	3:00PM-3:59PM
Tuesday, September 30, 2025		Whole Circle Bearing & Reduce Bearing System	4:00PM-4:59PM						Friday, October 10, 2025		Traffic control devices-1	3:00PM-3:59PM
Wednesday, October 1, 2025		Fore Bearing & Back Bearing Calculation-1	4:00PM-4:59PM						Monday, October 13, 2025		Traffic control devices-2	3:00PM-3:59PM

Thursday, October 2, 2025		Fore Bearing & Back Bearing Calculation-2	4:00PM-4:59PM					Tuesday, October 14, 2025		Flexible pavement-1	3:00PM-3:59PM
Friday, October 3, 2025		Important Definition & Closing Error	4:00PM-4:59PM					Wednesday, October 15, 2025		Flexible pavement-2	3:00PM-3:59PM
Monday, October 6, 2025		Important Definition	4:00PM-4:59PM					Thursday, October 16, 2025		rigid pavement-1	3:00PM-3:59PM
Tuesday, October 7, 2025		Method To Find The RI	4:00PM-4:59PM					Friday, October 17, 2025		rigid pavement-2	3:00PM-3:59PM
Wednesday, October 8, 2025		Hi Method & Rise And Fall Method	4:00PM-4:59PM					Monday, October 20, 2025		Testing of materials-1	3:00PM-3:59PM
Thursday, October 9, 2025		Reciprocal Levelling, Calculation Of RI	4:00PM-4:59PM					Tuesday, October 21, 2025		Testing of materials-2	3:00PM-3:59PM
Friday, October 10, 2025		Important Definition	4:00PM-4:59PM					Wednesday, October 22, 2025		Marshall mix method-1	3:00PM-3:59PM
Monday, October 13, 2025		Methods	4:00PM-4:59PM					Thursday, October 23, 2025		Marshall mix method-2	3:00PM-3:59PM
Tuesday, October 14, 2025		Instruments Of Plane Table Survey	4:00PM-4:59PM					END OF SUBJECT			
Wednesday, October 15, 2025		Setting Of Plane Table	4:00PM-4:59PM					Pramod sir : 14 Irrigation Engineering			
Thursday, October 16, 2025		Methods	4:00PM-4:59PM								
Friday, October 17, 2025		Instrument	4:00PM-4:59PM								
Monday, October 20, 2025		Tachometric Equation & Measurement	4:00PM-4:59PM					Date	Chapter	Topic	Timing
END OF SUBJECT								Thursday, October 23, 2025	Orientation	Orientation	5:00PM-5:59PM
Rajat sir : Soil Mechanics								Friday, October 24, 2025	Introduction	Methods of irrigation-1	5:00PM-5:59PM
								Monday, October 27, 2025		Methods of irrigation-2	5:00PM-5:59PM
								Tuesday, October 28, 2025		Different types of Efficiency of irrigation-1	5:00PM-5:59PM
								Wednesday, October 29, 2025		Different types of Efficiency of irrigation-2	5:00PM-5:59PM
Recorded	INTRODUCTION	Definitions	Recorded					Thursday, October 30, 2025	Water Requirement of Crops	Water Requirement of Crops-1	5:00PM-5:59PM
Recorded		Types of soil	Recorded					Friday, October 31, 2025		Water Requirement of Crops-2	5:00PM-5:59PM

Recorded	PROPERTIES OF SOIL	Important Relationships	Recorded					Monday, November 3, 2025	Design of canals	Canal Irrigation System-1	5:00PM-5:59PM
Recorded		Properties of soil	Recorded					Tuesday, November 4, 2025		Canal Irrigation System-2	5:00PM-5:59PM
Recorded		Calculation of water content & unit weight	Recorded					Wednesday, November 5, 2025	Gravity Dam & Spillway Water Logging & Reclamation of Saline Soil	Gravity Dam & Spillway-1	5:00PM-5:59PM
Recorded		Soil Classification System	Recorded					Thursday, November 6, 2025		Gravity Dam & Spillway-2	5:00PM-5:59PM
Recorded		ISSCS System	Recorded					Friday, November 7, 2025		Different types of forces action on DAM-1	5:00PM-5:59PM
Recorded		Coarse grain soil classification	Recorded					Monday, November 10, 2025		Different types of forces action on DAM-2	5:00PM-5:59PM
Recorded	CLASSIFICATION OF SOIL	Fine grain soil classification	Recorded					Tuesday, November 11, 2025		Different types of forces action on DAM-3	5:00PM-5:59PM
Recorded	Effective and Neutral Stress	Stress calculation	Recorded					Wednesday, November 12, 2025		Different types of forces action on DAM-4	5:00PM-5:59PM
Recorded		Effective Stress, normal stress, pore water pressure	Recorded					Thursday, November 13, 2025		Different types of forces action on DAM-5	5:00PM-5:59PM
Recorded		Capillarity of soil	Recorded					Friday, November 14, 2025		Water Logging & Reclamation of Saline Soil-1	5:00PM-5:59PM
Recorded	PERMEABILITY	Permeability of soil	Recorded					Monday, November 17, 2025		Water Logging & Reclamation of Saline Soil-2	5:00PM-5:59PM
Recorded		important formula Related to permeability	Recorded					Tuesday, November 18, 2025		Cross Drainage Work-1	5:00PM-5:59PM
Recorded	Seepage Analysis	Seepage Analysis	Recorded					Wednesday, November 19, 2025		Cross Drainage Work-2	5:00PM-5:59PM
Recorded		Important Theories	Recorded					Pramod sir : 6 Building Material and Construction			
Recorded	Verticle Stress Distribution	Vertical stress	Recorded					Date	Chapter	Topic	Timing
Recorded		Important formula Related to vertical stress	Recorded					Tuesday, November 11, 2025	Cement	Constituent of Cement	Recorded
Recorded	COMPACTION	Compaction of Soil	Recorded					Wednesday, November 12, 2025		Composition of Cement	Recorded
Recorded		Method of compaction	Recorded					Thursday, November 13, 2025		Testing of Cement-1	Recorded
Recorded	CONSOLIDATION	Consolidation of Soil	Recorded					Friday, November 14, 2025		Testing of Cement-2	Recorded
Recorded		Consolidation formula, NC SOIL & OC SOIL	Recorded					Monday, November 17, 2025		Type of Cement	Recorded

Recorded		Important graph & degree of consolidation	Recorded		Tuesday, November 18, 2025		Composition of good brick earth	Recorded
Recorded	Shear Strength	Calculation of Shear Strength	Recorded		Wednesday, November 19, 2025	Brick and mortar	Classification of brick	Recorded
Recorded		Earth pressure calculation	Recorded		Thursday, November 20, 2025		Test of brick	Recorded
Recorded	Earth Pressure	Active passive and earth pressure at rest	Recorded		Friday, November 21, 2025		Classification of rock	Recorded
END OF SUBJECT					Monday, November 24, 2025	stones	Composition & Explosive	Recorded
					Tuesday, November 25, 2025		Classification of tree	Recorded
					Wednesday, November 26, 2025		Defect in timber	Recorded
					Thursday, November 27, 2025	Timber	Sawing of timber	Recorded
					Friday, November 28, 2025		Seasoning	Recorded
					Monday, December 1, 2025		Wood product	Recorded
					Tuesday, December 2, 2025	Paint and Varnishes	Paint vernish and distemper	Recorded
					Wednesday, December 3, 2025	Lime	Fat lime and hydraulic lime	Recorded
					Thursday, December 4, 2025		Classification of aggregate	Recorded
					Friday, December 5, 2025		Bulking of sand	Recorded
					Monday, December 8, 2025	Concrete	Water cement ratio	Recorded
					Tuesday, December 9, 2025		Workability	Recorded
					Wednesday, December 10, 2025		Admixture	Recorded
					Thursday, December 11, 2025	Building component	Building masonry and satir	Recorded
					Friday, December 12, 2025		Door and window roofing	Recorded
					END OF SUBJECT			

					Pramod sir : 12 Estimation & Costing			
					Date	Chapter	Topic	Timing
					Monday, October 27, 2025	Estimation costing and valuation	Type of estimation and plinth	3:00PM-3:59PM
					Tuesday, October 28, 2025		Included and excluded in plinth	3:00PM-3:59PM
					Wednesday, October 29, 2025		Floor area ratio and detail estimation	3:00PM-3:59PM
					Thursday, October 30, 2025		Unit of measurement	3:00PM-3:59PM
					Friday, October 31, 2025		Major item work	3:00PM-3:59PM
					Monday, November 3, 2025		Bentup bar and brick soling	3:00PM-3:59PM
					Tuesday, November 4, 2025		Sinking fund and depreciation	3:00PM-3:59PM
					Wednesday, November 5, 2025		Quality of various item work	3:00PM-3:59PM
					Thursday, November 6, 2025		Long wall and short wall method	3:00PM-3:59PM
					Friday, November 7, 2025		Centre line method	3:00PM-3:59PM
					Monday, November 10, 2025		Doubt Class	3:00PM-3:59PM