

STUDY PLAN

Rehan sir : Structural Analysis			Rehan sir : RCC Design			Pramod sir : Building Material and Construction		
						Date	Topic	Timing
						Tuesday, June 30, 2026	Classification of brick	2:30 PM - 4:00 PM
						Wednesday, July 1, 2026	Classification of brick	2:30 PM - 4:00 PM
Date	Topic	Timing	Date	Topic	Timing	Thursday, July 2, 2026	Testing of brick-1	2:30 PM - 4:00 PM
Tuesday, June 30, 2026	Static Indeterminacy Of Structure	4PM - 5PM	Tuesday, July 14, 2026	Concrete-1	1:00PM-2:30PM	Friday, July 3, 2026	Testing of brick-2	2:30 PM - 4:00 PM
Wednesday, July 1, 2026	Kinematic Indeterminacy Of Structure And Stability	4PM - 5PM	Wednesday, July 15, 2026	Concrete-2	1:00PM-2:30PM	Monday, July 6, 2026	Type of brick	2:30 PM - 4:00 PM
Thursday, July 2, 2026	Forced Method	4PM - 5PM	Thursday, July 16, 2026	Concrete mix	1:00PM-2:30PM	Tuesday, July 7, 2026	masonry of brick	2:30 PM - 4:00 PM
Friday, July 3, 2026	Slope Deflection Method	4PM - 5PM	Friday, July 17, 2026	Important Test & IS CODE-1	1:00PM-2:30PM	Wednesday, July 8, 2026	Misc	2:30 PM - 4:00 PM
Monday, July 6, 2026	Moment Distribution Method	4PM - 5PM	Monday, July 20, 2026	Important Test & IS CODE-2	1:00PM-2:30PM	Thursday, July 9, 2026	Type of rock	2:30 PM - 4:00 PM
Tuesday, July 7, 2026	Cables And Frames, Arches	4PM - 5PM	Tuesday, July 21, 2026	IS 456 , Codal provision-1	1:00PM-2:30PM	Friday, July 10, 2026	Test	2:30 PM - 4:00 PM
Wednesday, July 8, 2026	Influence Line Diagram And Rolling Loads	4PM - 5PM	Wednesday, July 22, 2026	IS 456 , Codal provision-2	1:00PM-2:30PM	Monday, July 13, 2026	Misc.	2:30 PM - 4:00 PM
Thursday, July 9, 2026	Joint Method	4PM - 5PM	Thursday, July 23, 2026	IS 456 , Codal provision-3	1:00PM-2:30PM	Tuesday, July 14, 2026	Classification of tree	2:30 PM - 4:00 PM
Friday, July 10, 2026	Section Method	4PM - 5PM	Friday, July 24, 2026	Important Terms, Stress and stain diagram-1	1:00PM-2:30PM	Wednesday, July 15, 2026	Defect in timber	2:30 PM - 4:00 PM
Rehan sir : Soil Mechanics			Monday, July 27, 2026	Important Terms, Stress and stain diagram-2	1:00PM-2:30PM	Thursday, July 16, 2026	Defect in timber	2:30 PM - 4:00 PM
			Tuesday, July 28, 2026	Singly Reinforce Beam-1	1:00PM-2:30PM	Friday, July 17, 2026	Defect in timber	2:30 PM - 4:00 PM
			Wednesday, July 29, 2026	Singly Reinforce Beam-2	1:00PM-2:30PM	Monday, July 20, 2026	Sawing of timber	2:30 PM - 4:00 PM
Date	Topic	Timing	Thursday, July 30, 2026	Doubly Reinforce Beam	1:00PM-2:30PM	Tuesday, July 21, 2026	Seasoning	2:30 PM - 4:00 PM
Monday, July 13, 2026	Definitions	4PM - 5PM	Friday, July 31, 2026	Definition, Codal provision	1:00PM-2:30PM	Wednesday, July 22, 2026	Seasoning	2:30 PM - 4:00 PM
Tuesday, July 14, 2026	Types of soil	4PM - 5PM	Monday, August 3, 2026	Slab design-1	1:00PM-2:30PM	Thursday, July 23, 2026	Wood product	2:30 PM - 4:00 PM
Wednesday, July 15, 2026	Important Relationships	4PM - 5PM	Tuesday, August 4, 2026	Slab design-2	1:00PM-2:30PM	Friday, July 24, 2026	Wood product	2:30 PM - 4:00 PM
Thursday, July 16, 2026	Properties of soil	4PM - 5PM	Wednesday, August 5, 2026	T Beam & L Beam-1	1:00PM-2:30PM			

Friday, July 17, 2026	Calculation of water content & unit weight	4PM - 5PM	Thursday, August 6, 2026	T Beam & L Beam-2	1:00PM-2:30PM	Monday, July 27, 2026	Misc.	2:30 PM - 4:00 PM
Monday, July 20, 2026	Soil Classification System	4PM - 5PM	Friday, August 7, 2026	Shear-1	1:00PM-2:30PM	Tuesday, July 28, 2026	Paint	2:30 PM - 4:00 PM
Tuesday, July 21, 2026	ISSCS System	4PM - 5PM	Monday, August 10, 2026	Shear-2	1:00PM-2:30PM	Wednesday, July 29, 2026	Vernish and distemper	2:30 PM - 4:00 PM
Wednesday, July 22, 2026	Coarse grain soil classification	4PM - 5PM	Tuesday, August 11, 2026	Bond & Development length-1	1:00PM-2:30PM	Thursday, July 30, 2026	Introduction Of Lime	2:30 PM - 4:00 PM
Thursday, July 23, 2026	Fine grain soil classification	4PM - 5PM	Wednesday, August 12, 2026	Bond & Development length-2	1:00PM-2:30PM	Friday, July 31, 2026	Fat lime and hydraulic lime	2:30 PM - 4:00 PM
Friday, July 24, 2026	Stress calculation	4PM - 5PM	Thursday, August 13, 2026	Torsion, Equivalent moment & Shear-1	1:00PM-2:30PM	Monday, August 3, 2026	Introducutio	2:30 PM - 4:00 PM
Monday, July 27, 2026	Effective Stress, normal stress, pore water pressure	4PM - 5PM	Friday, August 14, 2026		1:00PM-2:30PM	Tuesday, August 4, 2026	Classification of aggregate	2:30 PM - 4:00 PM
Tuesday, July 28, 2026	Capillarity of soil	4PM - 5PM	Monday, August 17, 2026	Torsion, Equivalent moment & Shear-2	1:00PM-2:30PM	Wednesday, August 5, 2026	Bulking of sand	2:30 PM - 4:00 PM
Wednesday, July 29, 2026	Permeability of soil	4PM - 5PM	Tuesday, August 18, 2026	Introduction, Types of column	1:00PM-2:30PM	Thursday, August 6, 2026	Water cement ratio	2:30 PM - 4:00 PM
Thursday, July 30, 2026	important formula Related to permeability	4PM - 5PM	Wednesday, August 19, 2026	Concentric column, Axially loaded column-1	1:00PM-2:30PM	Friday, August 7, 2026	Workability	2:30 PM - 4:00 PM
Friday, July 31, 2026	Seepage Analysis	4PM - 5PM	Thursday, August 20, 2026	Concentric column, Axially loaded column-2	1:00PM-2:30PM	Monday, August 10, 2026	Admixture	2:30 PM - 4:00 PM
Monday, August 3, 2026	Important Theories	4PM - 5PM	Friday, August 21, 2026	Codal Provision Related to column-1	1:00PM-2:30PM	Tuesday, August 11, 2026	Misc.	2:30 PM - 4:00 PM
Tuesday, August 4, 2026	Vertical stress	4PM - 5PM	Monday, August 24, 2026	Codal Provision Related to column-2	1:00PM-2:30PM	Wednesday, August 12, 2026	Misc.	2:30 PM - 4:00 PM
Wednesday, August 5, 2026	Important formula Related to vertical stress	4PM - 5PM	Tuesday, August 25, 2026	Column design, Spiral reinforced column-1	1:00PM-2:30PM	Thursday, August 13, 2026	Building Masonary	2:30 PM - 4:00 PM
Thursday, August 6, 2026	Compaction of Soil	4PM - 5PM	Wednesday, August 26, 2026	Column design, Spiral reinforced column-2	1:00PM-2:30PM	Friday, August 14, 2026	Satir	2:30 PM - 4:00 PM
Friday, August 7, 2026	Method of compaction	4PM - 5PM	Rehan sir : Surveying			Monday, August 17, 2026	Door	2:30 PM - 4:00 PM
Monday, August 10, 2026	Consolidation of Soil	4PM - 5PM				Tuesday, August 18, 2026	Window roofing	2:30 PM - 4:00 PM
Tuesday, August 11, 2026	Consolidation formula, NC SOIL & OC SOIL	4PM - 5PM	Date	Topic	Timing	Wednesday, August 19, 2026	Scaffolding	2:30 PM - 4:00 PM
Wednesday, August 12, 2026	Important graph & degree of consolidation	4PM - 5PM	Recordings will be added on 30th June	Types Of Surveying, Principal Of Survey	Recording-1		Introduction	Recording-1
Thursday, August 13, 2026	Calculation of Shear Strength	4PM - 5PM		Vernier Caliper And Types	Recording-2		Constituent of Cement	Recording-2
Friday, August 14, 2026	Earth pressure calculation	4PM - 5PM		Chain Line, Types Of Chain	Recording-3		Composition of Cement-1	Recording-3
Monday, August 17, 2026	Active passive and earth pressure at rest	4PM - 5PM		Tape, Correction In Chain Survey	Recording-4		Composition of Cement-2	Recording-4

Rehan sir : Steel									
Date	Topic	Timing							
Recordings will be added on 30th June	Steel - 1	Recording-1	Types Of Correction In Chain Survey, Normal Tension	Recording-5		Testing of Cement-1	Recording-5		
	Steel - 2	Recording-2	Bearing & Measurement Of Bearing	Recording-6		Testing of Cement-2	Recording-6		
	Steel - 3	Recording-3	Whole Circle Bearing & Reduce Bearing System	Recording-7		Type of Cement-1	Recording-7		
	Steel - 4	Recording-4	Fore Bearing & Back Bearing Calculation-1	Recording-8		Type of Cement-2	Recording-8		
	Steel - 5	Recording-5	Fore Bearing & Back Bearing Calculation-2	Recording-9		Misc.	Recording-9		
	Steel - 6	Recording-6	Important Definition & Closing Error	Recording-10		Promotion	Recording-10		
	Steel - 7	Recording-7	Important Definition	Recording-11		Introduction	Recording-11		
	Steel - 8	Recording-8	Method To Find The RI	Recording-12		Composition of good brick earth	Recording-12		
	Steel - 9	Recording-9	Hi Method & Rise And Fall Method	Recording-13	Pramod sir : 2 Environmental Engineering				
	Steel - 10	Recording-10	Reciprocal Levelling, Calculation Of RI	Recording-14					
	Steel - 11	Recording-11	Important Definition	Recording-15					
	Steel - 12	Recording-12	Methods	Recording-16		Date	Topic	Timing	
	Steel - 13	Recording-13	Instruments Of Plane Table Survey	Recording-17	Recordings will be added on 30th June		Introduction	Recording-1	
	Steel - 14	Recording-14	Setting Of Plane Table	Recording-18			Water Demand	Recording-2	
	Steel - 15	Recording-15	Methods	Recording-19			Population Forecast-1	Recording-3	
	Steel - 16	Recording-16	Instrument	Recording-20			Population Forecast-2	Recording-4	
	Steel - 17	Recording-17	Tachometric Equation & Measurement	Recording-21			Physical Water Quality Parameters	Recording-5	
	Steel - 18	Recording-18					Chemical Water Quality Parameters-1	Recording-6	
	Steel - 19	Recording-19					Chemical Water Quality Parameters-2	Recording-7	
						Hardness of Water-1	Recording-8		
						Hardness of Water-2	Recording-9		
						Nitrogen Content-1	Recording-10		

	Steel - 20	Recording-20					Nitrogen Content-2	Recording-11
	Steel - 21	Recording-21					Screening, Aeration	Recording-12
	Steel - 22	Recording-22					Sedimentation-1	Recording-13
	Steel - 23	Recording-23					Sedimentation-2	Recording-14
	Steel - 24	Recording-24					Filtration	Recording-15
	Steel - 25	Recording-25					Disinfection	Recording-16
							Water Softening-1	Recording-17
							Water Softening-2	Recording-18
							Water Softening-3	Recording-19
							Chemical Waste Water Treatment Plant	Recording-20
							BOD, COD-1	Recording-21
							BOD, COD-2	Recording-22
							Dilution	Recording-23
							Design of Sewer	Recording-24
							Grit Chamber	Recording-25
							Sedimentation-1	Recording-26
							Sedimentation-2	Recording-27
							Trickling Filter-1	Recording-28
							Trickling Filter-2	Recording-29
							Activated Sludge	Recording-30
							Disposal of MSW	Recording-31
							Noise Pollution-1	Recording-32
							Noise Pollution-2	Recording-33

							Noise Pollution-3	Recording-34	
							Pramod sir : Irrigation Engineering		
							Date	Topic	Timing
							Orientation	Recording-1	
							Methods of irrigation-1	Recording-2	
							Methods of irrigation-2	Recording-3	
							Different types of Efficiency of irrigation-1	Recording-4	
							Different types of Efficiency of irrigation-2	Recording-5	
							Water Requirement of Crops-1	Recording-6	
							Water Requirement of Crops-2	Recording-7	
							Canal Irrigation System-1	Recording-8	
							Canal Irrigation System-2	Recording-9	
							Gravity Dam & Spillway-1	Recording-10	
							Gravity Dam & Spillway-2	Recording-11	
							Different types of forces action on DAM-1	Recording-12	
							Different types of forces action on DAM-2	Recording-13	
							Different types of forces action on DAM-3	Recording-14	
							Different types of forces action on DAM-4	Recording-15	
							Different types of forces action on DAM-5	Recording-16	
							Water Logging & Reclamation of Saline Soil-1	Recording-17	
							Water Logging & Reclamation of Saline Soil-2	Recording-18	
							Cross Drainage Work-1	Recording-19	
							Cross Drainage Work-2	Recording-20	

Recordings will be added on 30th June

Pramod sir : Railway Engineering			Rahul Sir : Fluid mechanics		
Date	Topic	Timing	Date	Title	Timing
Friday, July 3, 2026	Orientation	5:00 PM - 6:00 PM	Thursday, July 16, 2026	Introduction	7 PM - 8.30 PM
Monday, July 6, 2026	Defect in rail	5:00 PM - 6:00 PM	Friday, July 17, 2026	Fluid Properties - Part 1	7 PM - 8.30 PM
Tuesday, July 7, 2026	Gauge in railway track	5:00 PM - 6:00 PM	Monday, July 20, 2026	Fluid Properties - Part 2	7 PM - 8.30 PM
Wednesday, July 8, 2026	Classification of sleeper	5:00 PM - 6:00 PM	Tuesday, July 21, 2026	Newton's Law of Viscosity	7 PM - 8.30 PM
Thursday, July 9, 2026	Track fastener	5:00 PM - 6:00 PM	Wednesday, July 22, 2026	Fluid Classification	7 PM - 8.30 PM
Friday, July 10, 2026	Ballast	5:00 PM - 6:00 PM	Thursday, July 23, 2026	MCQ Practice (Basics)	7 PM - 8.30 PM
Monday, July 13, 2026	Geometric design 1	5:00 PM - 6:00 PM	Friday, July 24, 2026	Surface Tension & Capillarity - 1	7 PM - 8.30 PM
Tuesday, July 14, 2026	Geometric design 2	5:00 PM - 6:00 PM	Monday, July 27, 2026	Surface Tension & Capillarity - 2	7 PM - 8.30 PM
Wednesday, July 15, 2026	Superelevation	5:00 PM - 6:00 PM	Tuesday, July 28, 2026	Pressure Measurement - Basics	7 PM - 8.30 PM
Thursday, July 16, 2026	Transition curve	5:00 PM - 6:00 PM	Wednesday, July 29, 2026	Pressure Laws	7 PM - 8.30 PM
Friday, July 17, 2026	Miscellaneous-1	5:00 PM - 6:00 PM	Thursday, July 30, 2026	Pressure Measuring Devices	7 PM - 8.30 PM
Monday, July 20, 2026	Miscellaneous-2	5:00 PM - 6:00 PM	Friday, July 31, 2026	Pressure MCQ	7 PM - 8.30 PM
Tuesday, July 21, 2026	Miscellaneous-3	5:00 PM - 6:00 PM	Monday, August 3, 2026	Buoyancy & Floatation - 1	7 PM - 8.30 PM
Wednesday, July 22, 2026	Miscellaneous-4	5:00 PM - 6:00 PM	Tuesday, August 4, 2026	Buoyancy & Floatation - 2	7 PM - 8.30 PM
Pramod sir : Estimation & Costing			Wednesday, August 5, 2026	Buoyancy & Floatation - 3	Recording-15
			Thursday, August 6, 2026	Hydrostatic Forces - Plane Surface	7 PM - 8.30 PM
			Friday, August 7, 2026	Hydrostatic Forces - Curved Surface	7 PM - 8.30 PM
Date	Topic	Timing	Monday, August 10, 2026	Kinematics Intro + Types + Continuity	7 PM - 8.30 PM
Thursday, July 23, 2026	Orientation	5:00 PM - 6:00 PM	Tuesday, August 11, 2026	Velocity Potential & Stream Function - 1	7 PM - 8.30 PM

Friday, July 24, 2026	Included and excluded in plith	5:00 PM - 6:00 PM	Wednesday, August 12, 2026	Velocity Potential & Stream Function - 2	7 PM - 8.30 PM
Monday, July 27, 2026	Floor area ratio and detail estimation	5:00 PM - 6:00 PM	Thursday, August 13, 2026	Velocity Potential & Stream Function - 3	7 PM - 8.30 PM
Tuesday, July 28, 2026	Unit of measurement	5:00 PM - 6:00 PM	Friday, August 14, 2026	Fluid Dynamics Intro + Bernoulli	7 PM - 8.30 PM
Wednesday, July 29, 2026	Major item work	5:00 PM - 6:00 PM	Monday, August 17, 2026	Bernoulli Applications	7 PM - 8.30 PM
Thursday, July 30, 2026	Bentup bar and brick soling	5:00 PM - 6:00 PM	Tuesday, August 18, 2026	Orifice Meter & Pitot Tube	7 PM - 8.30 PM
Friday, July 31, 2026	Sinking fund and depreciation	5:00 PM - 6:00 PM	Wednesday, August 19, 2026	Laminar Flow - 1	7 PM - 8.30 PM
Monday, August 3, 2026	Quality of various item work	5:00 PM - 6:00 PM	Thursday, August 20, 2026	Laminar Flow - 2	7 PM - 8.30 PM
Tuesday, August 4, 2026	Long wall and short wall method	5:00 PM - 6:00 PM	Friday, August 21, 2026	Laminar Flow - 3	7 PM - 8.30 PM
Wednesday, August 5, 2026	Centre line method	5:00 PM - 6:00 PM	Monday, August 24, 2026	Laminar vs Turbulent - 1	7 PM - 8.30 PM
Thursday, August 6, 2026	Doubt Class	5:00 PM - 6:00 PM	Tuesday, August 25, 2026	Laminar vs Turbulent - 2	7 PM - 8.30 PM
Pramod sir : Highway Engineering			Wednesday, August 26, 2026	Laminar vs Turbulent - 3	7 PM - 8.30 PM
Date	Topic	Timing		Boundary Layer Theory	Recording-1
Recordings will be added on 30th June	Introduction and all plans-1	Recording-1		Vortex Flow (Free & Forced)	Recording-2
	Introduction and all plans-2	Recording-2		Flow Through Pipes - 1	Recording-3
	Cross sectional elements-1	Recording-3		Flow Through Pipes - 2	Recording-4
	Cross sectional elements-2	Recording-4		Flow Through Pipes - 3	Recording-5
	Sight distance-1	Recording-5		Dimensional Analysis & Modelling	Recording-6
	Sight distance-2	Recording-6		OCF - 1	Recording-7
	Horizontal alignment-1	Recording-7		OCF - 2	Recording-8
	Horizontal alignment-2	Recording-8		OCF - 3	Recording-9
	Vertical alignment-1	Recording-9		Impact of Jets - 1	Recording-10
	Vertical alignment-2	Recording-10		Impact of Jets - 2	Recording-11
	Traffic characteristics and volume study-1	Recording-11		Hydraulic Turbine Intro & Classification - 1	Recording-12

	Flexible pavement-1	Recording-12		Hydraulic Turbine Intro & Classification - 2	Recording-13
	Flexible pavement-2	Recording-13		Types of Turbines - 1	Recording-14
	rigid pavement-1	Recording-14		Types of Turbines - 2	Recording-15
	rigid pavement-2	Recording-15		Modeling & Similitude MCQ	Recording-16
	Testing of materials-1	Recording-16		Pumps - 1	Recording-17
	Testing of materials-2	Recording-17		Pumps - 2	Recording-18
	Marshall mix method-1	Recording-18		Pumps - 3	Recording-19
	Marshall mix method-2	Recording-19	Rahul sir : Strength of Materials		
	Traffic characteristics and voulme study-2	Recording-20			
	Traffic speed and capacity studies-1	Recording-21	Date	Title	Timing
	Traffic speed and capacity studies-2	Recording-22	Recordings will be added on 30th june	Bending in Beam-1	Recording-1
	Traffic control devices-1	Recording-23		Bending in Beam-2	Recording-2
	Traffic control devices-2	Recording-24		Bending in Beam-3	Recording-3
Pramod sir : Hydrology				Torsion in Shaft-1	Recording-4
Date	Topic	Timing		Torsion in Shaft-2	Recording-5
Recordings will be added on 30th June	Stage and form of precipitation	Recording-1		Combined Stresses-1	Recording-6
	Index of wetness	Recording-2		Combined Stresses-2	Recording-7
	Arithmetic mean methodand thessen polygon method	Recording-3		Combined Stresses-3	Recording-8
	Estimation of missing data	Recording-4		Mohr Circle-1	Recording-9
	Mass curve and hytograph	Recording-5		Mohr Circle-2	Recording-10
	Method to determination	Recording-6	SFD & BMD-1	Recording-11	
	Probability method	Recording-7	SFD & BMD-2	Recording-12	
			SFD & BMD-3	Recording-13	

	Infiltration w index and phi index	Recording-8		SFD & BMD-4	Recording-14
	Hydrograph	Recording-9		Slope & Deflection-1	Recording-15
				Slope & Deflection-2	Recording-16
				Columns & Struts	Recording-17
				Thin & Thick Cylinder	Recording-18
				Theory of Failure-1	Recording-19
				Theory of Failure-2	Recording-20
				Springs	Recording-21
				Basic Introduction	Recording-22
				Types of Loads & Classification-1	Recording-23
				Types of Loads & Classification-2	Recording-24
				Stress & Strain (Basics)-1	Recording-25
				Stress & Strain (Basics)-2	Recording-26
				Stress & Strain (Basics)-3	Recording-27
				Stress-Strain Curve	Recording-28
				Failure under Different Loading	Recording-29
				Elastic Constants	Recording-30
				Deformation (Series & Parallel)-1	Recording-31
				Deformation (Series & Parallel)-2	Recording-32
				Strain Energy due to Self Weight	Recording-33
				Strain Energy-1	Recording-34
				Strain Energy-2	Recording-35
				Moment of Inertia-1	Recording-36

				Moment of Inertia-2	Recording-37
				Thermal Stress-1	Recording-38
				Thermal Stress-2	Recording-39
				Beams (CRM)-1	Recording-40
				Beams (CRM)-2	Recording-41
				Beams (CRM)-3	Recording-42

