

## STUDY PLAN

Pramod sir : Building Material and Construction			Pramod sir : 2 Environmental Engineering			Rehan sir : Surveying		
Date	Topic	Timing				Date	Topic	Timing
Friday, June 5, 2026	Introduction	2:30 PM - 4:00 PM				Friday, June 5, 2026	Types Of Surveying, Principal Of Survey	1:00PM-2:30PM
Monday, June 8, 2026	Constituent of Cement	2:30 PM - 4:00 PM	Monday, June 15, 2026	Introduction	5:00 PM - 6:00 PM	Monday, June 8, 2026	Vernier Caliper And Types	1:00PM-2:30PM
Tuesday, June 9, 2026	Composition of Cement-1	2:30 PM - 4:00 PM	Tuesday, June 16, 2026	Water Demand	5:00 PM - 6:00 PM	Tuesday, June 9, 2026	Chain Line, Types Of Chain	1:00PM-2:30PM
Wednesday, June 10, 2026	Composition of Cement-2	2:30 PM - 4:00 PM	Wednesday, June 17, 2026	Population Forecast-1	5:00 PM - 6:00 PM	Wednesday, June 10, 2026	Tape, Correction In Chain Survey	1:00PM-2:30PM
Thursday, June 11, 2026	Testing of Cement-1	2:30 PM - 4:00 PM	Thursday, June 18, 2026	Population Forecast-2	5:00 PM - 6:00 PM	Thursday, June 11, 2026	Types Of Correction In Chain Survey, Normal Tension	1:00PM-2:30PM
Friday, June 12, 2026	Testing of Cement-2	2:30 PM - 4:00 PM	Friday, June 19, 2026	Physical Water Quality Parameters	5:00 PM - 6:00 PM	Friday, June 12, 2026	Bearing & Measurement Of Bearing	1:00PM-2:30PM
Monday, June 15, 2026	Type of Cement-1	2:30 PM - 4:00 PM	Monday, June 22, 2026	Chemical Water Quality Parameters-1	5:00 PM - 6:00 PM	Monday, June 15, 2026	Whole Circle Bearing & Reduce Bearing System	1:00PM-2:30PM
Tuesday, June 16, 2026	Type of Cement-2	2:30 PM - 4:00 PM	Tuesday, June 23, 2026	Chemical Water Quality Parameters-2	5:00 PM - 6:00 PM	Tuesday, June 16, 2026	Fore Bearing & Back Bearing Calculation-1	1:00PM-2:30PM
Wednesday, June 17, 2026	Misc.	2:30 PM - 4:00 PM	Wednesday, June 24, 2026	Hardness of Water-1	5:00 PM - 6:00 PM	Wednesday, June 17, 2026	Fore Bearing & Back Bearing Calculation-2	1:00PM-2:30PM
Thursday, June 18, 2026	Promotion	2:30 PM - 4:00 PM	Thursday, June 25, 2026	Hardness of Water-2	5:00 PM - 6:00 PM	Thursday, June 18, 2026	Important Definition & Closing Error	1:00PM-2:30PM
Friday, June 19, 2026	Introduction	2:30 PM - 4:00 PM	Friday, June 26, 2026	Nitrogen Content-1	5:00 PM - 6:00 PM	Friday, June 19, 2026	Important Definition	1:00PM-2:30PM
Monday, June 22, 2026	Composition of good brick earth	2:30 PM - 4:00 PM	Monday, June 29, 2026	Nitrogen Content-2	5:00 PM - 6:00 PM	Monday, June 22, 2026	Method To Find The RI	1:00PM-2:30PM
Tuesday, June 23, 2026	Classification of brick	2:30 PM - 4:00 PM	Tuesday, June 30, 2026	Screening, Aeration	5:00 PM - 6:00 PM	Tuesday, June 23, 2026	Hi Method & Rise And Fall Method	1:00PM-2:30PM
Wednesday, June 24, 2026	Classification of brick	2:30 PM - 4:00 PM	Wednesday, July 1, 2026	Sedimentation-1	5:00 PM - 6:00 PM	Wednesday, June 24, 2026	Reciprocal Levelling, Calculation Of RI	1:00PM-2:30PM
Thursday, June 25, 2026	Testing of brick-1	2:30 PM - 4:00 PM	Thursday, July 2, 2026	Sedimentation-2	5:00 PM - 6:00 PM	Thursday, June 25, 2026	Important Definition	1:00PM-2:30PM
Friday, June 26, 2026	Testing of brick-2	2:30 PM - 4:00 PM	Friday, July 3, 2026	Filtration	5:00 PM - 6:00 PM	Friday, June 26, 2026	Methods	1:00PM-2:30PM
Monday, June 29, 2026	Type of brick	2:30 PM - 4:00 PM	Monday, July 6, 2026	Disinfection	5:00 PM - 6:00 PM	Monday, June 29, 2026	Instruments Of Plane Table Survey	1:00PM-2:30PM
Tuesday, June 30, 2026	masonry of brick	2:30 PM - 4:00 PM						

Wednesday, July 1, 2026	Misc	2:30 PM - 4:00 PM	Tuesday, July 7, 2026	Water Softening-1	5:00 PM - 6:00 PM	Tuesday, June 30, 2026	Setting Of Plane Table	1:00PM-2:30PM
Thursday, July 2, 2026	Type of rock	2:30 PM - 4:00 PM	Wednesday, July 8, 2026	Water Softening-2	5:00 PM - 6:00 PM	Wednesday, July 1, 2026	Methods	1:00PM-2:30PM
Friday, July 3, 2026	Test	2:30 PM - 4:00 PM	Thursday, July 9, 2026	Water Softening-3	5:00 PM - 6:00 PM	Thursday, July 2, 2026	Instrument	1:00PM-2:30PM
Monday, July 6, 2026	Misc.	2:30 PM - 4:00 PM	Friday, July 10, 2026	Chemical Waste Water Treatment Plant	5:00 PM - 6:00 PM	Friday, July 3, 2026	Tachometric Equation & Measurement	1:00PM-2:30PM
Tuesday, July 7, 2026	Classification of tree	2:30 PM - 4:00 PM	Monday, July 13, 2026	BOD, COD-1	5:00 PM - 6:00 PM	<b>Rehan sir : RCC Design</b>		
Wednesday, July 8, 2026	Defect in timber	2:30 PM - 4:00 PM	Tuesday, July 14, 2026	BOD, COD-2	5:00 PM - 6:00 PM			
Thursday, July 9, 2026	Defect in timber	2:30 PM - 4:00 PM	Wednesday, July 15, 2026	Dilution	5:00 PM - 6:00 PM			
Friday, July 10, 2026	Defect in timber	2:30 PM - 4:00 PM	Thursday, July 16, 2026	Design of Sewer	5:00 PM - 6:00 PM	<b>Date</b>	<b>Topic</b>	<b>Timing</b>
Monday, July 13, 2026	Sawing of timber	2:30 PM - 4:00 PM	Friday, July 17, 2026	Grit Chamber	5:00 PM - 6:00 PM	Monday, July 6, 2026	Concrete-1	1:00PM-2:30PM
Tuesday, July 14, 2026	Seasoning	2:30 PM - 4:00 PM	Monday, July 20, 2026	Sedimentation-1	5:00 PM - 6:00 PM	Tuesday, July 7, 2026	Concrete-2	1:00PM-2:30PM
Wednesday, July 15, 2026	Seasoning	2:30 PM - 4:00 PM	Tuesday, July 21, 2026	Sedimentation-2	5:00 PM - 6:00 PM	Wednesday, July 8, 2026	Concrete mix	1:00PM-2:30PM
Thursday, July 16, 2026	Wood product	2:30 PM - 4:00 PM	Wednesday, July 22, 2026	Trickling Filter-1	5:00 PM - 6:00 PM	Thursday, July 9, 2026	Important Test & IS CODE-1	1:00PM-2:30PM
Friday, July 17, 2026	Wood product	2:30 PM - 4:00 PM	Thursday, July 23, 2026	Trickling Filter-2	5:00 PM - 6:00 PM	Friday, July 10, 2026	Important Test & IS CODE-2	1:00PM-2:30PM
Monday, July 20, 2026	Misc.	2:30 PM - 4:00 PM	Friday, July 24, 2026	Activated Sludge	5:00 PM - 6:00 PM	Monday, July 13, 2026	IS 456 , Codal provision-1	1:00PM-2:30PM
Tuesday, July 21, 2026	Paint	2:30 PM - 4:00 PM	Monday, July 27, 2026	Disposal of MSW	5:00 PM - 6:00 PM	Tuesday, July 14, 2026	IS 456 , Codal provision-2	1:00PM-2:30PM
Wednesday, July 22, 2026	Vernish and distemper	2:30 PM - 4:00 PM	Tuesday, July 28, 2026	Noise Pollution-1	5:00 PM - 6:00 PM	Wednesday, July 15, 2026	IS 456 , Codal provision-3	1:00PM-2:30PM
Thursday, July 23, 2026	Introduction Of Lime	2:30 PM - 4:00 PM	Wednesday, July 29, 2026	Noise Pollution-2	5:00 PM - 6:00 PM	Thursday, July 16, 2026	Important Terms, Stress and stain diagram-1	1:00PM-2:30PM
Friday, July 24, 2026	Fat lime and hydraulic lime	2:30 PM - 4:00 PM	Thursday, July 30, 2026	Noise Pollution-3	5:00 PM - 6:00 PM	Friday, July 17, 2026	Important Terms, Stress and stain diagram-2	1:00PM-2:30PM
Monday, July 27, 2026	Introdction	2:30 PM - 4:00 PM	<b>Pramod sir : Highway Engineering</b>			Monday, July 20, 2026	Singly Reinforce Beam-1	1:00PM-2:30PM
Tuesday, July 28, 2026	Classification of aggregate	2:30 PM - 4:00 PM	<b>Date</b>	<b>Topic</b>	<b>Timing</b>	Tuesday, July 21, 2026	Singly Reinforce Beam-2	1:00PM-2:30PM
Wednesday, July 29, 2026	Bulking of sand	2:30 PM - 4:00 PM	Recordings will be added by 05th June	Introduction and all plans-1	Recording-1	Wednesday, July 22, 2026	Doubly Reinforce Beam	1:00PM-2:30PM
Thursday, July 30, 2026	Water cement ratio	2:30 PM - 4:00 PM		Introduction and all plans-2	Recording-2	Thursday, July 23, 2026	Definition, Codal provision	1:00PM-2:30PM

Friday, July 31, 2026	Workability	2:30 PM - 4:00 PM		Cross sectional elements-1	Recording-3	Friday, July 24, 2026	Slab design-1	1:00PM-2:30PM
Monday, August 3, 2026	Admixture	2:30 PM - 4:00 PM		Cross sectional elements-2	Recording-4	Monday, July 27, 2026	Slab design-2	1:00PM-2:30PM
Tuesday, August 4, 2026	Misc.	2:30 PM - 4:00 PM		Sight distance-1	Recording-5	Tuesday, July 28, 2026	T Beam & L Beam-1	1:00PM-2:30PM
Wednesday, August 5, 2026	Misc.	2:30 PM - 4:00 PM		Sight distance-2	Recording-6	Wednesday, July 29, 2026	T Beam & L Beam-2	1:00PM-2:30PM
Thursday, August 6, 2026	Building Masonary	2:30 PM - 4:00 PM		Horizontal alignment-1	Recording-7	Thursday, July 30, 2026	Shear-1	1:00PM-2:30PM
Friday, August 7, 2026	Satir	2:30 PM - 4:00 PM		Horizontal alignmen-2	Recording-8	Friday, July 31, 2026	Shear-2	1:00PM-2:30PM
Monday, August 10, 2026	Door	2:30 PM - 4:00 PM		Vertical alignment-1	Recording-9	Monday, August 3, 2026	Bond & Develpoment length-1	1:00PM-2:30PM
Tuesday, August 11, 2026	Window roofing	2:30 PM - 4:00 PM		Vertical alignment-2	Recording-10	Tuesday, August 4, 2026	Bond & Develpoment length-2	1:00PM-2:30PM
Wednesday, August 12, 2026	Scaffolding	2:30 PM - 4:00 PM		Traffic characteristics and voulme study-1	Recording-11	Wednesday, August 5, 2026	Torsion, Equivalent moment & Shear-1	1:00PM-2:30PM
<b>Pramod sir : Railway Engineering</b>			Flexible pavement-1	Recording-12	Thursday, August 6, 2026	Torsion, Equivalent moment & Shear-2		1:00PM-2:30PM
			Flexible pavement-2	Recording-13	Friday, August 7, 2026	Introduction, Types of column	1:00PM-2:30PM	
			rigid pavement-1	Recording-14	Monday, August 10, 2026	Concentric column, Axially loaded column-1	1:00PM-2:30PM	
				rigid pavement-2	Recording-15	Tuesday, August 11, 2026	Concentric column, Axially loaded column-2	1:00PM-2:30PM
				Testing of materials-1	Recording-16	Wednesday, August 12, 2026	Codal Provision Related to column-1	1:00PM-2:30PM
				Testing of materials-2	Recording-17	Thursday, August 13, 2026	Codal Provision Related to column-2	1:00PM-2:30PM
				Marshall mix method-1	Recording-18	Friday, August 14, 2026	Column design, Spiral reinforced column-1	1:00PM-2:30PM
				Marshall mix method-2	Recording-19	Monday, August 17, 2026	Column design, Spiral reinforced column-2	1:00PM-2:30PM
				Traffic characteristics and voulme study-2	Recording-20	Tuesday, August 18, 2026		
				Traffic speed and capacity studies-1	Recording-21			
				Traffic speed and capacity studies-2	Recording-22			
				Traffic control devices-1	Recording-23			
				Traffic control devices-2	Recording-24			

			Pramod sir : Irrigation Engineering					
			Date	Topic	Timing			
	Transition curve	Recording-10						
	Miscelleneous-1	Recording-11						
	Miscelleneous-2	Recording-12		Orientation	Recording-1			
	Miscelleneous-3	Recording-13		Methods of irrigation-1	Recording-2			
	Miscelleneous-4	Recording-14		Methods of irrigation-2	Recording-3			
Pramod sir : Estimation & Costing				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			
Pramod sir : Hydrology								
Recordings will be added by 05th June			Recordings will be added by 05th June					
	Orientation	Recording-1						
	Included and excluded in plith	Recording-2						
	Floor area ratio and detail estimation	Recording-3						
	Unit of measurement	Recording-4						
	Major item work	Recording-5						
	Bentup bar and brick soling	Recording-6						
	Sinking fund and depreciation	Recording-7						
	Quality of various item work	Recording-8						
	Long wall and short wall method	Recording-9						
	Centre line method	Recording-10						
	Doubt Class	Recording-11						

Date	Topic	Timing						
Recordings will be added by 05th June	Stage and form of precipitation	Recording-1						
	Index of wetness	Recording-2						
	Arithmetic mean method and theissen polygon method	Recording-3						
	Estimation of missing data	Recording-4						
	Mass curve and hyetograph	Recording-5						
	Method to determination	Recording-6						
	Probability method	Recording-7						
	Infiltration w index and phi index	Recording-8						
	Hydrograph	Recording-9						

Rehan sir : Structural Analysis			Rahul sir : Strength of Materials		
Date	Topic	Timing	Date	Title	Timing
			Friday, June 5, 2026	Moment of Inertia-2	7 PM - 8.30 PM
Monday, June 22, 2026	Static Indeterminacy Of Structure	4PM - 5PM	Monday, June 8, 2026	Thermal Stress-1	7 PM - 8.30 PM
Tuesday, June 23, 2026	Kinematic Indeterminacy Of Structure And Stability	4PM - 5PM	Tuesday, June 9, 2026	Thermal Stress-2	7 PM - 8.30 PM
Wednesday, June 24, 2026	Forced Method	4PM - 5PM	Wednesday, June 10, 2026	Beams (CRM)-1	7 PM - 8.30 PM
Thursday, June 25, 2026	Slope Deflection Method	4PM - 5PM	Thursday, June 11, 2026	Beams (CRM)-2	7 PM - 8.30 PM
Friday, June 26, 2026	Moment Distribution Method	4PM - 5PM	Friday, June 12, 2026	Beams (CRM)-3	7 PM - 8.30 PM
Monday, June 29, 2026	Cables And Frames, Arches	4PM - 5PM	Monday, June 15, 2026	Bending in Beam-1	7 PM - 8.30 PM
Tuesday, June 30, 2026	Influence Line Diagram And Rolling Loads	4PM - 5PM	Tuesday, June 16, 2026	Bending in Beam-2	7 PM - 8.30 PM
Wednesday, July 1, 2026	Joint Method	4PM - 5PM	Wednesday, June 17, 2026	Bending in Beam-3	7 PM - 8.30 PM

Date	Topic	Timing	Date	Topic	Timing
Thursday, July 2, 2026	Section Method	4PM - 5PM	Thursday, June 18, 2026	Torsion in Shaft-1	7 PM - 8.30 PM
Rehan sir : Soil Mechanics			Friday, June 19, 2026	Torsion in Shaft-2	7 PM - 8.30 PM
			Monday, June 22, 2026	Combined Stresses-1	7 PM - 8.30 PM
			Tuesday, June 23, 2026	Combined Stresses-2	7 PM - 8.30 PM
			Wednesday, June 24, 2026	Combined Stresses-3	7 PM - 8.30 PM
Recordings will be added by 05th June	Definitions	Recording-1	Thursday, June 25, 2026	Mohr Circle-1	7 PM - 8.30 PM
	Types of soil	Recording-2	Friday, June 26, 2026	Mohr Circle-2	7 PM - 8.30 PM
	Important Relationships	Recording-3	Monday, June 29, 2026	SFD & BMD-1	7 PM - 8.30 PM
	Properties of soil	Recording-4	Tuesday, June 30, 2026	SFD & BMD-2	7 PM - 8.30 PM
	Calculation of water content & unit weight	Recording-5	Wednesday, July 1, 2026	SFD & BMD-3	7 PM - 8.30 PM
	Soil Classification System	Recording-6	Thursday, July 2, 2026	SFD & BMD-4	7 PM - 8.30 PM
	ISSCS System	Recording-7	Friday, July 3, 2026	Slope & Deflection-1	7 PM - 8.30 PM
	Coarse grain soil classification	Recording-8	Monday, July 6, 2026	Slope & Deflection-2	7 PM - 8.30 PM
	Fine grain soil classification	Recording-9	Tuesday, July 7, 2026	Columns & Struts	7 PM - 8.30 PM
	Stress calculation	Recording-10	Wednesday, July 8, 2026	Thin & Thick Cylinder	7 PM - 8.30 PM
	Effective Stress, normal stress, pore water pressure	Recording-11	Thursday, July 9, 2026	Theory of Failure-1	7 PM - 8.30 PM
	Capillarity of soil	Recording-12	Friday, July 10, 2026	Theory of Failure-2	7 PM - 8.30 PM
	Permeability of soil	Recording-13	Monday, July 13, 2026	Springs	7 PM - 8.30 PM
	important formula Related to permeability	Recording-14	Tuesday, July 14, 2026	Basic Introduction	7 PM - 8.30 PM
	Seepage Analysis	Recording-15		Types of Loads & Classification-1	Recording-1
	Important Theories	Recording-16		Types of Loads & Classification-2	Recording-2
	Vertical stress	Recording-17		Stress & Strain (Basics)-1	Recording-3
	Important formula Related to vertical stress	Recording-18		Stress & Strain (Basics)-2	Recording-4

	Compaction of Soil	Recording-19		Stress & Strain (Basics)-3	Recording-5
	Method of compaction	Recording-20		Stress-Strain Curve	Recording-6
	Consolidation of Soil	Recording-21		Failure under Different Loading	Recording-7
	Consolidation formula, NC SOIL & OC SOIL	Recording-22		Elastic Constants	Recording-8
	Important graph & degree of consolidation	Recording-23		Deformation (Series & Parallel)-1	Recording-9
	Calculation of Shear Strength	Recording-24		Deformation (Series & Parallel)-2	Recording-10
	Earth pressure calculation	Recording-25		Strain Energy due to Self Weight	Recording-11
	Active passive and earth pressure at rest	Recording-26		Strain Energy-1	Recording-12
<b>Rehan sir : Steel</b>				Strain Energy-2	Recording-13
				Moment of Inertia-1	Recording-14
<b>Date</b>	<b>Topic</b>	<b>Timing</b>	<b>Rahul Sir : Fluid mechanics</b>		
	Steel-1	Recordings-1			
	Steel-2	Recordings-2			
	Steel - 3	Recordings-3	<b>Date</b>	<b>Title</b>	<b>Timing</b>
	Steel - 4	Recordings-4		Introduction	Recording-1
	Steel - 5	Recordings-5		Fluid Properties - Part 1	Recording-2
	Steel - 6	Recordings-6		Fluid Properties - Part 2	Recording-3
	Steel - 7	Recordings-7		Newton's Law of Viscosity	Recording-4
	Steel - 8	Recordings-8	Recordings will be added by 05th June	Fluid Classification	Recording-5
	Steel - 9	Recordings-9		MCQ Practice (Basics)	Recording-6
	Steel - 10	Recordings-10		Surface Tension & Capillarity - 1	Recording-7
	Steel - 11	Recordings-11		Surface Tension & Capillarity - 2	Recording-8
	Steel - 12	Recordings-12		Pressure Measurement - Basics	Recording-9

	Steel - 13	Recordings-13		Pressure Laws	Recording-10
	Steel - 14	Recordings-14		Pressure Measuring Devices	Recording-11
	Steel - 15	Recordings-15		Pressure MCQ	Recording-12
	Steel - 16	Recordings-16		Buoyancy & Floatation - 1	Recording-13
	Steel - 17	Recordings-17		Buoyancy & Floatation - 2	Recording-14
	Steel - 18	Recordings-18		Buoyancy & Floatation - 3	Recording-15
	Steel - 19	Recordings-19		Hydrostatic Forces - Plane Surface	Recording-16
	Steel - 20	Recordings-20		Hydrostatic Forces - Curved Surface	Recording-17
	Steel - 21	Recordings-21		Kinematics Intro + Types + Continuity	Recording-18
	Steel - 22	Recordings-22		Velocity Potential & Stream Function - 1	Recording-19
	Steel - 23	Recordings-23		Velocity Potential & Stream Function - 2	Recording-20
	Steel - 24	Recordings-24		Velocity Potential & Stream Function - 3	Recording-21
	Steel - 25	Recordings-25		Fluid Dynamics Intro + Bernoulli	Recording-22
				Bernoulli Applications	Recording-23
				Orifice Meter & Pitot Tube	Recording-24
				Laminar Flow - 1	Recording-25
				Laminar Flow - 2	Recording-26
				Laminar Flow - 3	Recording-27
				Laminar vs Turbulent - 1	Recording-28
				Laminar vs Turbulent - 2	Recording-29
				Laminar vs Turbulent - 3	Recording-30
				Boundary Layer Theory	Recording-31
				Vortex Flow (Free & Forced)	Recording-32

				Flow Through Pipes - 1	Recording-33
				Flow Through Pipes - 2	Recording-34
				Flow Through Pipes - 3	Recording-35
				Dimensional Analysis & Modelling	Recording-36
				OCF - 1	Recording-37
				OCF - 2	Recording-38
				OCF - 3	Recording-39
				Impact of Jets - 1	Recording-40
				Impact of Jets - 2	Recording-41
				Hydraulic Turbine Intro & Classification - 1	Recording-42
				Hydraulic Turbine Intro & Classification - 2	Recording-43
				Types of Turbines - 1	Recording-44
				Types of Turbines - 2	Recording-45
				Modeling & Similitude MCQ	Recording-46
				Pumps - 1	Recording-47
				Pumps - 2	Recording-48
				Pumps - 3	Recording-49