

## STUDY PLAN

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

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

| Rehan sir : Steel                     |            |              | Wednesday, September 2, 2026  | Types Of Correction In Chain Survey, Normal Tension | Recording-5  |   | Testing of Cement-1                 | Recording-5   |
|---------------------------------------|------------|--------------|-------------------------------|---|--------------|---|-------------------------------------|---------------|
|                                       |            |              | Thursday, September 3, 2026   | Bearing & Measurement Of Bearing                    | Recording-6  |   | Testing of Cement-2                 | Recording-6   |
| Date                                  | Topic      | Timing       | Friday, September 4, 2026     | Whole Circle Bearing & Reduce Bearing System        | Recording-7  |   | Type of Cement-1                    | Recording-7   |
| Recordings will be added on 06th July | Steel - 1  | Recording-1  | Monday, September 7, 2026     | Fore Bearing & Back Bearing Calculation-1           | Recording-8  |   | Type of Cement-2                    | Recording-8   |
|                                       | Steel - 2  | Recording-2  | Tuesday, September 8, 2026    | Fore Bearing & Back Bearing Calculation-2           | Recording-9  |   | Misc.                               | Recording-9   |
|                                       | Steel - 3  | Recording-3  | Wednesday, September 9, 2026  | Important Definition & Closing Error                | Recording-10 |   | Promotion                           | Recording-10  |
|                                       | Steel - 4  | Recording-4  | Thursday, September 10, 2026  | Important Definition                                | Recording-11 |   | Introduction                        | Recording-11  |
|                                       | Steel - 5  | Recording-5  | Friday, September 11, 2026    | Method To Find The RI                               | Recording-12 |   | Composition of good brick earth     | Recording-12  |
|                                       | Steel - 6  | Recording-6  | Monday, September 14, 2026    | Hi Method & Rise And Fall Method                    | Recording-13 | <b>Pramod sir : 2 Environmental Engineering</b> |                                     |               |
|                                       | Steel - 7  | Recording-7  | Tuesday, September 15, 2026   | Reciprocal Levelling, Calculation Of RI             | Recording-14 |   |                                     |               |
|                                       | Steel - 8  | Recording-8  | Wednesday, September 16, 2026 | Important Definition                                | Recording-15 |   |                                     |               |
|                                       | Steel - 9  | Recording-9  | Thursday, September 17, 2026  | Methods   | Recording-16 | <b>Date</b>                                     | <b>Topic</b>                        | <b>Timing</b> |
|                                       | Steel - 10 | Recording-10 | Friday, September 18, 2026    | Instruments Of Plane Table Survey                   | Recording-17 | Recordings will be added on 06th July           | Introduction                        | Recording-1   |
|                                       | Steel - 11 | Recording-11 | Monday, September 21, 2026    | Setting Of Plane Table                              | Recording-18 |   | Water Demand                        | Recording-2   |
|                                       | Steel - 12 | Recording-12 | Tuesday, September 22, 2026   | Methods   | Recording-19 |   | Population Forecast-1               | Recording-3   |
|                                       | Steel - 13 | Recording-13 | Wednesday, September 23, 2026 | Instrument  | Recording-20 |   | Population Forecast-2               | Recording-4   |
|                                       | Steel - 14 | Recording-14 | Thursday, September 24, 2026  | Tachometric Equation & Measurement                  | Recording-21 |   | Physical Water Quality Parameters   | Recording-5   |
|                                       | Steel - 15 | Recording-15 |                               |   |              |   | Chemical Water Quality Parameters-1 | Recording-6   |
|                                       | Steel - 16 | Recording-16 |                               |   |              |   | Chemical Water Quality Parameters-2 | Recording-7   |
|                                       | Steel - 17 | Recording-17 |                               |   |              |   | Hardness of Water-1                 | Recording-8   |
|                                       | Steel - 18 | Recording-18 |                               |   |              |   | Hardness of Water-2                 | Recording-9   |
|                                       | Steel - 19 | Recording-19 |                               |   |              |   | Nitrogen Content-1                  | Recording-10  |

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|  | 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 |

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|  |  |  |  |  |  |  | Noise Pollution-2                             | Recording-33  |
|  |  |  |  |  |  |  | Noise Pollution-3                             | Recording-34  |
|  |  |  |  |  |  | <b>Pramod sir : Irrigation Engineering</b> |   |               |
|  |  |  |  |  |  | <b>Date</b>                                | <b>Topic</b>                                  | <b>Timing</b> |
|  |  |  |  |  |  |  | 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   |
|  |  |  |  |  |  | Recordings will be added on 06th July      | 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  |

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|  |  |  |  |  |  |  | Cross Drainage Work-1 | Recording-19 |
|  |  |  |  |  |  |  | Cross Drainage Work-2 | Recording-20 |

| Pramod sir : Railway Engineering  |                           |                   | Rahul Sir : Fluid mechanics |                                    |                |
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| Date                              | Topic                     | Timing            | Date                        | Title                              | Timing         |
| Monday, July 6, 2026              | Orientation               | 5:00 PM - 6:00 PM | Thursday, July 16, 2026     | Introduction                       | 7 PM - 8.30 PM |
| Tuesday, July 7, 2026             | Defect in rail            | 5:00 PM - 6:00 PM | Friday, July 17, 2026       | Fluid Properties - Part 1          | 7 PM - 8.30 PM |
| Wednesday, July 8, 2026           | Gauge in railway track    | 5:00 PM - 6:00 PM | Monday, July 20, 2026       | Fluid Properties - Part 2          | 7 PM - 8.30 PM |
| Thursday, July 9, 2026            | Classification of sleeper | 5:00 PM - 6:00 PM | Tuesday, July 21, 2026      | Newton's Law of Viscosity          | 7 PM - 8.30 PM |
| Friday, July 10, 2026             | Track fastener            | 5:00 PM - 6:00 PM | Wednesday, July 22, 2026    | Fluid Classification               | 7 PM - 8.30 PM |
| Monday, July 13, 2026             | Ballast                   | 5:00 PM - 6:00 PM | Thursday, July 23, 2026     | MCQ Practice (Basics)              | 7 PM - 8.30 PM |
| Tuesday, July 14, 2026            | Geometric design 1        | 5:00 PM - 6:00 PM | Friday, July 24, 2026       | Surface Tension & Capillarity - 1  | 7 PM - 8.30 PM |
| Wednesday, July 15, 2026          | Geometric design 2        | 5:00 PM - 6:00 PM | Monday, July 27, 2026       | Surface Tension & Capillarity - 2  | 7 PM - 8.30 PM |
| Thursday, July 16, 2026           | Superelevation            | 5:00 PM - 6:00 PM | Tuesday, July 28, 2026      | Pressure Measurement - Basics      | 7 PM - 8.30 PM |
| Friday, July 17, 2026             | Transition curve          | 5:00 PM - 6:00 PM | Wednesday, July 29, 2026    | Pressure Laws                      | 7 PM - 8.30 PM |
| Monday, July 20, 2026             | Miscellaneous-1           | 5:00 PM - 6:00 PM | Thursday, July 30, 2026     | Pressure Measuring Devices         | 7 PM - 8.30 PM |
| Tuesday, July 21, 2026            | Miscellaneous-2           | 5:00 PM - 6:00 PM | Friday, July 31, 2026       | Pressure MCQ                       | 7 PM - 8.30 PM |
| Wednesday, July 22, 2026          | Miscellaneous-3           | 5:00 PM - 6:00 PM | Monday, August 3, 2026      | Buoyancy & Floatation - 1          | 7 PM - 8.30 PM |
| Thursday, July 23, 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 |
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| Date                                    | Topic                                  | Timing            | Monday, August 10, 2026    | Kinematics Intro + Types + Continuity    | 7 PM - 8.30 PM |
| Friday, July 24, 2026                   | Orientation                            | 5:00 PM - 6:00 PM | Tuesday, August 11, 2026   | Velocity Potential & Stream Function - 1 | 7 PM - 8.30 PM |
| Monday, July 27, 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 |
| Tuesday, July 28, 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 |
| Wednesday, July 29, 2026                | Unit of measurement                    | 5:00 PM - 6:00 PM | Friday, August 14, 2026    | Fluid Dynamics Intro + Bernoulli         | 7 PM - 8.30 PM |
| Thursday, July 30, 2026                 | Major item work                        | 5:00 PM - 6:00 PM | Monday, August 17, 2026    | Bernoulli Applications                   | 7 PM - 8.30 PM |
| Friday, July 31, 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 |
| Monday, August 3, 2026                  | Sinking fund and depreciation          | 5:00 PM - 6:00 PM | Wednesday, August 19, 2026 | Laminar Flow - 1                         | 7 PM - 8.30 PM |
| Tuesday, August 4, 2026                 | Quality of various item work           | 5:00 PM - 6:00 PM | Thursday, August 20, 2026  | Laminar Flow - 2                         | 7 PM - 8.30 PM |
| Wednesday, August 5, 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 |
| Thursday, August 6, 2026                | Centre line method                     | 5:00 PM - 6:00 PM | Monday, August 24, 2026    | Laminar vs Turbulent - 1                 | 7 PM - 8.30 PM |
| Friday, August 7, 2026                  | Doubt Class                            | 5:00 PM - 6:00 PM | Tuesday, August 25, 2026   | Laminar vs Turbulent - 2                 | 7 PM - 8.30 PM |
| <b>Pramod sir : Highway Engineering</b> |  |                   | Wednesday, August 26, 2026 | Laminar vs Turbulent - 3                 | 7 PM - 8.30 PM |
| Date                                    | Topic                                  | Timing            |                            | Boundary Layer Theory                    | Recording-1    |
| Monday, August 10, 2026                 | Introduction and all plans-1           | Recording-1       |                            | Vortex Flow (Free & Forced)              | Recording-2    |
| Tuesday, August 11, 2026                | Introduction and all plans-2           | Recording-2       |                            | Flow Through Pipes - 1                   | Recording-3    |
| Wednesday, August 12, 2026              | Cross sectional elements-1             | Recording-3       |                            | Flow Through Pipes - 2                   | Recording-4    |
| Thursday, August 13, 2026               | Cross sectional elements-2             | Recording-4       |                            | Flow Through Pipes - 3                   | Recording-5    |
| Friday, August 14, 2026                 | Sight distance-1                       | Recording-5       |                            | Dimensional Analysis & Modelling         | Recording-6    |
| Monday, August 17, 2026                 | Sight distance-2                       | Recording-6       |                            | OCF - 1                                  | Recording-7    |
| Tuesday, August 18, 2026                | Horizontal alignment-1                 | Recording-7       |                            | OCF - 2                                  | Recording-8    |
| Wednesday, August 19, 2026              | Horizontal alignmen-2                  | Recording-8       |                            | OCF - 3                                  | Recording-9    |

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| Thursday, August 20, 2026     | Vertical alignment-1                             | Recording-9   |  | Impact of jets - 1                           | Recording-10  |
| Friday, August 21, 2026       | Vertical alignment-2                             | Recording-10  |  | Impact of jets - 2                           | Recording-11  |
| Monday, August 24, 2026       | Traffic characteristics and voulme study-1       | Recording-11  |  | Hydraulic Turbine Intro & Classification - 1 | Recording-12  |
| Tuesday, August 25, 2026      | Flexible pavement-1                              | Recording-12  |  | Hydraulic Turbine Intro & Classification - 2 | Recording-13  |
| Wednesday, August 26, 2026    | Flexible pavement-2                              | Recording-13  |  | Types of Turbines - 1                        | Recording-14  |
| Thursday, August 27, 2026     | rigid pavement-1                                 | Recording-14  |  | Types of Turbines - 2                        | Recording-15  |
| Friday, August 28, 2026       | rigid pavement-2                                 | Recording-15  |  | Modeling & Similitude MCQ                    | Recording-16  |
| Monday, August 31, 2026       | Testing of materials-1                           | Recording-16  |  | Pumps - 1                                    | Recording-17  |
| Tuesday, September 1, 2026    | Testing of materials-2                           | Recording-17  |  | Pumps - 2                                    | Recording-18  |
| Wednesday, September 2, 2026  | Marshall mix method-1                            | Recording-18  |  | Pumps - 3                                    | Recording-19  |
| Thursday, September 3, 2026   | Marshall mix method-2                            | Recording-19  | <b>Rahul sir : Strength of Materials</b> |  |               |
| Friday, September 4, 2026     | Traffic characteristics and voulme study-2       | Recording-20  |  |  |               |
| Monday, September 7, 2026     | Traffic speed and capacity studies-1             | Recording-21  | <b>Date</b>                              | <b>Title</b>                                 | <b>Timing</b> |
| Tuesday, September 8, 2026    | Traffic speed and capacity studies-2             | Recording-22  |  | Bending in Beam-1                            | Recording-1   |
| Wednesday, September 9, 2026  | Traffic control devices-1                        | Recording-23  |  | Bending in Beam-2                            | Recording-2   |
| Thursday, September 10, 2026  | Traffic control devices-2                        | Recording-24  |  | Bending in Beam-3                            | Recording-3   |
| <b>Pramod sir : Hydrology</b> |  |               |  | Torsion in Shaft-1                           | Recording-4   |
|                               |  |               |  | Torsion in Shaft-2                           | Recording-5   |
|                               |  |               | Recordings will be added on 06th July    |  |               |
| <b>Date</b>                   | <b>Topic</b>                                     | <b>Timing</b> |  | Combined Stresses-1                          | Recording-6   |
|                               | Stage and form of precipitation                  | Recording-1   |  | Combined Stresses-2                          | Recording-7   |
|                               | Index of wetness                                 | Recording-2   |  | Combined Stresses-3                          | Recording-8   |
|                               | Arithmetic mean methodand thessen polygon method | Recording-3   |  | Mohr Circle-1                                | Recording-9   |
|                               | Estimation of missing data                       | Recording-4   |  | Mohr Circle-2                                | Recording-10  |

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|--|------------------------------------|-------------|--|-----------------------------------|--------------|
|  | Mass curve and hytograph           | Recording-5 |  | SFD & BMD-1                       | Recording-11 |
|  | Method to determination            | Recording-6 |  | SFD & BMD-2                       | Recording-12 |
|  | Probability method                 | Recording-7 |  | 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 |

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|  |  |  |  | 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 |

