

STUDY PLAN

| Rahul sir Strength of Materials | | | | Industrial Engineering | | | | RAC | | | |
|---------------------------------|-------------------|---|-------------|-------------------------|----------------------|----------------------|-------------|----------------------------|--------------------------------------|---|-------------|
| Date | Chapter | Title | Timing | | | | | Date | Chapter | Title | Timing |
| Saturday, January 24, 2026 | Orientation | Orientation | 7 PM - 8 PM | Date | Chapter | Title | Timing | Wednesday, July 22, 2026 | Orientation | Orientation | 6 PM - 7 PM |
| Tuesday, January 27, 2026 | STRESS AND STRAIN | Basic introduction , Load classification | 7 PM - 8 PM | | | | | Thursday, July 23, 2026 | Basic Introduction of RAC | Basics of refrigeration system 1 | 6 PM - 7 PM |
| Wednesday, January 28, 2026 | | Concept of stress and strain | 7 PM - 8 PM | Thursday, May 14, 2026 | Introduction and BEA | Introduction & BEA-1 | 4 PM - 5 PM | Friday, July 24, 2026 | | Basics of refrigeration system 2 | 6 PM - 7 PM |
| Thursday, January 29, 2026 | | Mechanical properties of materials | 7 PM - 8 PM | Friday, May 15, 2026 | | Introduction & BEA-2 | 4 PM - 5 PM | Monday, July 27, 2026 | Vapour Compression Refrigeration s | Vapour Compression Refrigeration system 1 | 6 PM - 7 PM |
| Friday, January 30, 2026 | | Stress vs strain curve for all materials | 7 PM - 8 PM | Monday, May 18, 2026 | Inventory Control | Inventory-1 | 4 PM - 5 PM | Tuesday, July 28, 2026 | | Vapour Compression Refrigeration system 2 | 6 PM - 7 PM |
| Monday, February 2, 2026 | | Elastic constant | 7 PM - 8 PM | Tuesday, May 19, 2026 | | Inventory-2 | 4 PM - 5 PM | Wednesday, July 29, 2026 | | Vapour Compression Refrigeration system 3 | 6 PM - 7 PM |
| Tuesday, February 3, 2026 | | Concepts of deformation-1 | 7 PM - 8 PM | Wednesday, May 20, 2026 | | Inventory-3 | 4 PM - 5 PM | Thursday, July 30, 2026 | | Vapour Compression Refrigeration system 4 | 6 PM - 7 PM |
| Wednesday, February 4, 2026 | | Concepts of deformation-2 | 7 PM - 8 PM | Thursday, May 21, 2026 | | Inventory-4 | 4 PM - 5 PM | Friday, July 31, 2026 | | Vapour Compression Refrigeration system 5 | 6 PM - 7 PM |
| Thursday, February 5, 2026 | STRAIN ENERGY | Strain energy due axial and self weight | 7 PM - 8 PM | Friday, May 22, 2026 | Sequencing | Sequencing-1 | 4 PM - 5 PM | Monday, August 3, 2026 | Refrigerants | Types of refrigerants & Properties 1 | 6 PM - 7 PM |
| Friday, February 6, 2026 | THERMAL STRESS | Thermal stress under free expansion | 7 PM - 8 PM | Monday, May 25, 2026 | | Sequencing-2 | 4 PM - 5 PM | Tuesday, August 4, 2026 | | Types of refrigerants & Properties 2 | 6 PM - 7 PM |
| Monday, February 9, 2026 | | Thermal stress under fixed , composite beam | 7 PM - 8 PM | Tuesday, May 26, 2026 | PERT & CPM | Sequencing-3 | 4 PM - 5 PM | Wednesday, August 5, 2026 | | Types of refrigerants & Properties 3 | 6 PM - 7 PM |
| Tuesday, February 10, 2026 | SHEAR IN BEAM | Shear in rectangular and triangular section | 7 PM - 8 PM | Wednesday, May 27, 2026 | | PERT & CPM-1 | 4 PM - 5 PM | Thursday, August 6, 2026 | Vapour absorption refrigeration syst | Vapour absorption refrigeration system 1 | 6 PM - 7 PM |
| Wednesday, February 11, 2026 | | Shear in circular , IN section of beam | 7 PM - 8 PM | Thursday, May 28, 2026 | | PERT & CPM-2 | 4 PM - 5 PM | Friday, August 7, 2026 | | Vapour absorption refrigeration system 2 | 6 PM - 7 PM |
| Thursday, February 12, 2026 | BENDING IN BEAM | Bending equation | 7 PM - 8 PM | Friday, May 29, 2026 | | PERT & CPM-3 | 4 PM - 5 PM | Monday, August 10, 2026 | Refrigeration Cycle and Devices | Refrigeration equipments 1 | 6 PM - 7 PM |
| Friday, February 13, 2026 | | Application of bending equation | 7 PM - 8 PM | Monday, June 1, 2026 | | PERT & CPM-4 | 4 PM - 5 PM | Tuesday, August 11, 2026 | | Refrigeration equipments 2 | 6 PM - 7 PM |
| Monday, February 16, 2026 | TORSION IN SHAFT | Torsion equation | 7 PM - 8 PM | Tuesday, June 2, 2026 | | PERT & CPM-5 | 4 PM - 5 PM | Wednesday, August 12, 2026 | | Refrigeration equipments 3 | 6 PM - 7 PM |
| Tuesday, February 17, 2026 | | Torsion equation application | 7 PM - 8 PM | Wednesday, June 3, 2026 | | PERT & CPM-6 | 4 PM - 5 PM | | | | |

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| Wednesday, February 18, 2026 | Combined stress | Concepts of normal and shear stress in oblique plane | 7 PM - 8 PM | Thursday, June 4, 2026 | | Forecasting-1 | 4 PM - 5 PM | Thursday, August 13, 2026 | Air conditioning | Psychrometry 1 | 6 PM - 7 PM | | | |
| Thursday, February 19, 2026 | | Concepts of principle plane stress | 7 PM - 8 PM | Friday, June 5, 2026 | | Forecasting-2 | 4 PM - 5 PM | Friday, August 14, 2026 | | Psychrometry 2 | 6 PM - 7 PM | | | |
| Friday, February 20, 2026 | | Mohr Circle | 7 PM - 8 PM | Monday, June 8, 2026 | | Forecasting-3 | 4 PM - 5 PM | Monday, August 17, 2026 | | Psychrometry 3 | 6 PM - 7 PM | | | |
| Monday, February 23, 2026 | SFD AND BMD | Basic , types of beam support , reaction calculation | 7 PM - 8 PM | Tuesday, June 9, 2026 | Forecasting | Forecasting-4 | 4 PM - 5 PM | Tuesday, August 18, 2026 | | Psychrometry 4 | 6 PM - 7 PM | | | |
| Tuesday, February 24, 2026 | | SFD & BMD OF Cantiliver & ssb beam | 7 PM - 8 PM | Wednesday, June 10, 2026 | Queing Theory | Queing Theory-1 | 4 PM - 5 PM | Wednesday, August 19, 2026 | | Psychrometry 5 | 6 PM - 7 PM | | | |
| Wednesday, February 25, 2026 | | SFD & BMD combination of load | 7 PM - 8 PM | Thursday, June 11, 2026 | | Queing Theory-2 | 4 PM - 5 PM | Thursday, August 20, 2026 | | Psychrometry 6 | 6 PM - 7 PM | | | |
| Thursday, February 26, 2026 | SLOPE AND DEFLECTION | Basic and Method of slope and deflection | 7 PM - 8 PM | Friday, June 12, 2026 | Linear Programming | Linear programming-1 | 4 PM - 5 PM | Friday, August 21, 2026 | Power Plant Engineering | Psychrometry 7 | 6 PM - 7 PM | | | |
| Friday, February 27, 2026 | | Slope and deflection of cantiliver | 7 PM - 8 PM | Monday, June 15, 2026 | | Linear programming-2 | 4 PM - 5 PM | | | | | | | |
| Monday, March 2, 2026 | | Slope and deflection of SSB beam | 7 PM - 8 PM | Tuesday, June 16, 2026 | | Linear programming-3 | 4 PM - 5 PM | | | | | | | |
| Tuesday, March 3, 2026 | COLUMN AND STRUT | Basic and eulers and rankine formula | 7 PM - 8 PM | Wednesday, June 17, 2026 | Transportation | Transportation-1 | 4 PM - 5 PM | Date | Chapter | Title | Timing | | | |
| Wednesday, March 4, 2026 | THIN AND THICK CYLINDER | Basic and thin cylinder stress calculation | 7 PM - 8 PM | Thursday, June 18, 2026 | | Transportation-2 | 4 PM - 5 PM | Thursday, August 27, 2026 | Boiler | Boiler Classification, Fittings & Accessories part 1 | 6 PM - 7 PM | | | |
| Thursday, March 5, 2026 | THEORY OF FAILURE | Theory of failure-1 | 7 PM - 8 PM | Friday, June 19, 2026 | Assignment | Assignment-1 | 4 PM - 5 PM | Friday, August 28, 2026 | | Boiler Classification, Fittings & Accessories part 2 | 6 PM - 7 PM | | | |
| Friday, March 6, 2026 | | Theory of failure-2 | 7 PM - 8 PM | Monday, June 22, 2026 | | Assignment-2 | 4 PM - 5 PM | Monday, August 31, 2026 | | Boiler Classification, Fittings & Accessories part 3 | 6 PM - 7 PM | | | |
| Monday, March 9, 2026 | LIVE DOUBT AND MISCELLANEOUS | Live doubt and miscellaneous-1 | 7 PM - 8 PM | Tuesday, June 23, 2026 | MRP | MRP-1 | 4 PM - 5 PM | Tuesday, September 1, 2026 | | Boiler Classification, Fittings & Accessories part 4 | 6 PM - 7 PM | | | |
| Tuesday, March 10, 2026 | | Live doubt and miscellaneous-2 | 7 PM - 8 PM | Wednesday, June 24, 2026 | | MRP-2 | 4 PM - 5 PM | Wednesday, September 2, 2026 | | Boiler Classification, Fittings & Accessories part 5 | 6 PM - 7 PM | | | |
| Wednesday, March 11, 2026 | | | Live doubt and miscellaneous-3 | 7 PM - 8 PM | Machine Design | | | | Thursday, September 3, 2026 | Rankine Cycle | Rankine Cycle part 1 | 6 PM - 7 PM | | |
| Rahul Sir Hydraulic Machines | | | | | | | | Friday, September 4, 2026 | Rankine Cycle part 2 | | 6 PM - 7 PM | | | |
| | | | | Date | | | | Chapter | Title | | Timing | Monday, September 7, 2026 | Rankine Cycle part 3 | 6 PM - 7 PM |
| | | | | | | | | | | | | Tuesday, September 8, 2026 | Rankine Cycle part 4 | 6 PM - 7 PM |
| Monday, February 2, 2026 | HYDRAULIC MACHINE | Impact of jet | 4 PM - 5 PM | Monday, June 29, 2026 | Design for static loading | Introduction to load | 4 PM - 5 PM | Tuesday, September 8, 2026 | Brayton Cycle | Brayton Cycle part 1 | 6 PM - 7 PM | | | |
| Tuesday, February 3, 2026 | | Turbine basic , classification | 4 PM - 5 PM | Tuesday, June 30, 2026 | | Different theories of Failures-2 | 4 PM - 5 PM | Thursday, September 10, 2026 | | Brayton Cycle part 2 | 6 PM - 7 PM | | | |

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| Wednesday, February 4, 2026 | | Pelton wheel, francis, kaplan turbine | 4 PM - 5 PM | Wednesday, July 1, 2026 | | Different theories of Failures-3 | 4 PM - 5 PM | Friday, September 11, 2026 | | Brayton Cycle part 3 | 6 PM - 7 PM |
| Thursday, February 5, 2026 | | Pump-1 | 4 PM - 5 PM | Thursday, July 2, 2026 | | Design against Fluctuation load-1 | 4 PM - 5 PM | Monday, September 14, 2026 | | Brayton Cycle part 4 | 6 PM - 7 PM |
| Friday, February 6, 2026 | | Pump-2 | 4 PM - 5 PM | Friday, July 3, 2026 | Design against Fluctuation load | Design against Fluctuation load-2 | 4 PM - 5 PM | Tuesday, September 15, 2026 | | Air Compressors & their cycles part 1 | 6 PM - 7 PM |
| Monday, February 9, 2026 | | Live doubt and miscellaneous-1 | 4 PM - 5 PM | Monday, July 6, 2026 | | Design against Fluctuation load-3 | 4 PM - 5 PM | Wednesday, September 16, 2026 | | Air Compressors & their cycles part 2 | 6 PM - 7 PM |
| Tuesday, February 10, 2026 | LIVE DOUBT AND MISCELLANEOUS | Live doubt and miscellaneous-2 | 4 PM - 5 PM | Tuesday, July 7, 2026 | | Different stresses in Screw fasteners | 4 PM - 5 PM | Thursday, September 17, 2026 | | Air Compressors & their cycles part 3 | 6 PM - 7 PM |
| Wednesday, February 11, 2026 | | Live doubt and miscellaneous-3 | 4 PM - 5 PM | Wednesday, July 8, 2026 | | Bolt joint analysis-1 | 4 PM - 5 PM | Friday, September 18, 2026 | | Air Compressors & their cycles part 4 | 6 PM - 7 PM |
| Rahul Sir Engineering Mechanics | | | | Thursday, July 9, 2026 | | Bolt joint analysis-2 | 4 PM - 5 PM | Monday, September 21, 2026 | | Steam Turbines & Nozzles part 1 | 6 PM - 7 PM |
| Date | Chapter | Title | Timing | Friday, July 10, 2026 | | Design of Rivet joint and Stress Analysis | 4 PM - 5 PM | Tuesday, September 22, 2026 | | Steam Turbines & Nozzles part 2 | 6 PM - 7 PM |
| Friday, February 13, 2026 | | Basic of forces-1 | 4 PM - 5 PM | Monday, July 13, 2026 | Riveted ,welded joint and bolted joint | Type of riveted joint and efficiency | 4 PM - 5 PM | Wednesday, September 23, 2026 | | Steam Turbines & Nozzles part 3 | 6 PM - 7 PM |
| Monday, February 16, 2026 | | Basic of forces-2 | 4 PM - 5 PM | Tuesday, July 14, 2026 | | Parallel fillet weld | 4 PM - 5 PM | Thursday, September 24, 2026 | | Steam Turbines & Nozzles part 4 | 6 PM - 7 PM |
| Tuesday, February 17, 2026 | Basic of forces | Basic of forces-3 | 4 PM - 5 PM | Wednesday, July 15, 2026 | | Transverse fillet weld | 4 PM - 5 PM | Friday, September 25, 2026 | | Steam Turbines & Nozzles part 5 | 6 PM - 7 PM |
| Wednesday, February 18, 2026 | | Basic of forces-4 | 4 PM - 5 PM | Thursday, July 16, 2026 | | Welded joint subjected to bending moment | 4 PM - 5 PM | Thermodynamics | | | |
| Thursday, February 19, 2026 | | Basic of forces-5 | 4 PM - 5 PM | Friday, July 17, 2026 | | Welded joint subjected to torsion moment | 4 PM - 5 PM | | | | |
| Friday, February 20, 2026 | | Types of beam-1 | 4 PM - 5 PM | Monday, July 20, 2026 | | Design of shaft for variable load-1 | 4 PM - 5 PM | Date | Chapter | Title | Timing |
| Monday, February 23, 2026 | Types of beam | Types of beam-2 | 4 PM - 5 PM | Tuesday, July 21, 2026 | | Design of shaft for variable load-2 | 4 PM - 5 PM | Thursday, October 1, 2026 | | Basics Concept-1 | 6 PM - 7 PM |
| Tuesday, February 24, 2026 | | Concepts of friction-1 | 4 PM - 5 PM | Wednesday, July 22, 2026 | Shaft Key and Coupling | Design of shaft for variable load-3 | 4 PM - 5 PM | Friday, October 2, 2026 | | Basics Concept-2 | 6 PM - 7 PM |
| Wednesday, February 25, 2026 | Concepts of friction | Concepts of friction -2 | 4 PM - 5 PM | Thursday, July 23, 2026 | | Journal Bearing-1 | 4 PM - 5 PM | Monday, October 5, 2026 | Thermodynamics system and processes | Basics Concept-3 | 6 PM - 7 PM |
| Thursday, February 26, 2026 | | Concepts of friction -3 | 4 PM - 5 PM | Friday, July 24, 2026 | Sliding contact bearing | Journal Bearing-2 | 4 PM - 5 PM | Tuesday, October 6, 2026 | | Basics Concept-4 | 6 PM - 7 PM |
| Friday, February 27, 2026 | | Moment of Inertia-1 | 4 PM - 5 PM | Monday, July 27, 2026 | | Roller bearing-1 | 4 PM - 5 PM | Wednesday, October 7, 2026 | | Heat and work-1 | 6 PM - 7 PM |
| Monday, March 2, 2026 | Moment of Inertia | Moment of Inertia-2 | 4 PM - 5 PM | Tuesday, July 28, 2026 | Rolling contact bearing | Roller bearing-2 | 4 PM - 5 PM | Thursday, October 8, 2026 | Heat and Work | Heat and work-2 | 6 PM - 7 PM |
| Tuesday, March 3, 2026 | | Moment of Inertia-3 | 4 PM - 5 PM | Wednesday, July 29, 2026 | | Roller bearing-3 | 4 PM - 5 PM | Friday, October 9, 2026 | | Heat and work-3 | 6 PM - 7 PM |

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| Wednesday, March 4, 2026 | Conservation of momentum and energy | Conservation of momentum and energy-1 | 4 PM - 5 PM | Thursday, July 30, 2026 | Design of Gears | Laws of gearing | 4 PM - 5 PM | Monday, October 12, 2026 | First law of thermodynamics | Heat and work-4 | 6 PM - 7 PM |
| Thursday, March 5, 2026 | | Conservation of momentum and energy-2 | 4 PM - 5 PM | Friday, July 31, 2026 | | Types of Gears | 4 PM - 5 PM | Tuesday, October 13, 2026 | | First law of thermodynamics-1 | 6 PM - 7 PM |
| Rahul Sir Theory of Machines | | | | Monday, August 3, 2026 | Spring | Spring-1 | 4 PM - 5 PM | Wednesday, October 14, 2026 | | First law of thermodynamics-2 | 6 PM - 7 PM |
| | | | | Tuesday, August 4, 2026 | | Spring-2 | 4 PM - 5 PM | Thursday, October 15, 2026 | | First law of thermodynamics-3 | 6 PM - 7 PM |
| | | | | Production Engineering | | | | | | | Friday, October 16, 2026 |
| Date | Chapter | Title | Timing | Date | Chapter | Title | Timing | Monday, October 19, 2026 | | First law of thermodynamics-5 | 6 PM - 7 PM |
| Monday, March 9, 2026 | Mechanism and machines | Simple Mechanism-1 | 4 PM - 5 PM | Monday, May 4, 2026 | Metal Casting | Introduction to Casting | 6 PM - 7 PM | Tuesday, October 20, 2026 | Second law of thermodynamics and Entropy | Second law of thermodynamics-1 | 6 PM - 7 PM |
| Tuesday, March 10, 2026 | | Simple Mechanism-2 | 4 PM - 5 PM | Tuesday, May 5, 2026 | | Casting-1 | 6 PM - 7 PM | Wednesday, October 21, 2026 | | Second law of thermodynamics-2 | 6 PM - 7 PM |
| Wednesday, March 11, 2026 | | Simple Mechanism-3 | 4 PM - 5 PM | Wednesday, May 6, 2026 | | Casting-2 | 6 PM - 7 PM | Thursday, October 22, 2026 | | Entropy part-1 | 6 PM - 7 PM |
| Thursday, March 12, 2026 | | Simple Mechanism-4 | 4 PM - 5 PM | Thursday, May 7, 2026 | | Casting-3 | 6 PM - 7 PM | Friday, October 23, 2026 | | Entropy part-2 | 6 PM - 7 PM |
| Friday, March 13, 2026 | | Simple Mechanism-5 | 4 PM - 5 PM | Friday, May 8, 2026 | | Casting-4 | 6 PM - 7 PM | Monday, October 26, 2026 | | Entropy part-3 | 6 PM - 7 PM |
| Monday, March 16, 2026 | | Simple Mechanism-6 | 4 PM - 5 PM | Monday, May 11, 2026 | | Casting-5 | 6 PM - 7 PM | Tuesday, October 27, 2026 | | Entropy part-4 | 6 PM - 7 PM |
| Tuesday, March 17, 2026 | Velocity and acceleration analysis | Motion Analysis-1 | 4 PM - 5 PM | Tuesday, May 12, 2026 | Joining | Casting-6 | 6 PM - 7 PM | Wednesday, October 28, 2026 | Properties of pure substance | Properties of pure substance part 1 | 6 PM - 7 PM |
| Wednesday, March 18, 2026 | | Motion Analysis-2 | 4 PM - 5 PM | Wednesday, May 13, 2026 | | Casting-7 | 6 PM - 7 PM | Thursday, October 29, 2026 | | Properties of pure substance part 2 | 6 PM - 7 PM |
| Thursday, March 19, 2026 | Gear | Gear-1 | 4 PM - 5 PM | Thursday, May 14, 2026 | | Casting-8 | 6 PM - 7 PM | Friday, October 30, 2026 | | Properties of pure substance part 3 | 6 PM - 7 PM |
| Friday, March 20, 2026 | | Gear-2 | 4 PM - 5 PM | Friday, May 15, 2026 | | Introduction to Welding | 6 PM - 7 PM | Monday, November 2, 2026 | | Properties of pure substance part 4 | 6 PM - 7 PM |
| Monday, March 23, 2026 | | Gear-3 | 4 PM - 5 PM | Monday, May 18, 2026 | | Welding-1 | 6 PM - 7 PM | | | | |
| Tuesday, March 24, 2026 | | Gear-4 | 4 PM - 5 PM | Tuesday, May 19, 2026 | | Welding-2 | 6 PM - 7 PM | | | | |
| Wednesday, March 25, 2026 | | Gear-5 | 4 PM - 5 PM | Wednesday, May 20, 2026 | | Welding-3 | 6 PM - 7 PM | | | | |
| Thursday, March 26, 2026 | | Gear-6 | 4 PM - 5 PM | Thursday, May 21, 2026 | | Welding-4 | 6 PM - 7 PM | | | | |
| Friday, March 27, 2026 | Gear Train | Gear Train-1 | 4 PM - 5 PM | Friday, May 22, 2026 | Welding-5 | 6 PM - 7 PM | | | | | |

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| Monday, March 30, 2026 | | Gear Train-2 | 4 PM - 5 PM | Monday, May 25, 2026 | | Welding-6 | 6 PM - 7 PM | | | | |
| Tuesday, March 31, 2026 | | Governor-1 | 4 PM - 5 PM | Tuesday, May 26, 2026 | | Welding-7 | 6 PM - 7 PM | | | | |
| Wednesday, April 1, 2026 | | Governor-2 | 4 PM - 5 PM | Wednesday, May 27, 2026 | | Welding-8 | 6 PM - 7 PM | | | | |
| Thursday, April 2, 2026 | | Governor-3 | 4 PM - 5 PM | Thursday, May 28, 2026 | | Metal Cutting-1 | 6 PM - 7 PM | | | | |
| Friday, April 3, 2026 | | Governor-4 | 4 PM - 5 PM | Friday, May 29, 2026 | | Metal Cutting-2 | 6 PM - 7 PM | | | | |
| Monday, April 6, 2026 | | Governor-5 | 4 PM - 5 PM | Monday, June 1, 2026 | | Metal Cutting-3 | 6 PM - 7 PM | | | | |
| Tuesday, April 7, 2026 | | Flywheel-1 | 4 PM - 5 PM | Tuesday, June 2, 2026 | | Metal Cutting-4 | 6 PM - 7 PM | | | | |
| Wednesday, April 8, 2026 | | Flywheel-2 | 4 PM - 5 PM | Wednesday, June 3, 2026 | | Metal Cutting-5 | 6 PM - 7 PM | | | | |
| Thursday, April 9, 2026 | | Cam & Follower-1 | 4 PM - 5 PM | Thursday, June 4, 2026 | | Metal Cutting-6 | 6 PM - 7 PM | | | | |
| Friday, April 10, 2026 | | Cam & Follower-2 | 4 PM - 5 PM | Friday, June 5, 2026 | | Concept of MMT-1 | 6 PM - 7 PM | | | | |
| Monday, April 13, 2026 | | All About Balancing | 4 PM - 5 PM | Monday, June 8, 2026 | | Concept of MMT-2 | 6 PM - 7 PM | | | | |
| Tuesday, April 14, 2026 | | Vibration-1 | 4 PM - 5 PM | Tuesday, June 9, 2026 | | Concept of MMT-3 | 6 PM - 7 PM | | | | |
| Wednesday, April 15, 2026 | | Vibration-2 | 4 PM - 5 PM | Wednesday, June 10, 2026 | | Concept of MMT-4 | 6 PM - 7 PM | | | | |
| Rahul sir IC Engine | | | | Thursday, June 11, 2026 | | Concept of MMT-5 | 6 PM - 7 PM | | | | |
| | | | | Friday, June 12, 2026 | | Metal Forming-1 | 6 PM - 7 PM | | | | |
| | | | | Monday, June 15, 2026 | | Metal Forming-2 | 6 PM - 7 PM | | | | |
| Date | Chapter | Title | Timing | Tuesday, June 16, 2026 | | Metal Forming-3 | 6 PM - 7 PM | | | | |
| Friday, April 17, 2026 | | Basic and Air standard cycle-1 | 4 PM - 5 PM | Wednesday, June 17, 2026 | | Metal Forming-4 | 6 PM - 7 PM | | | | |
| Monday, April 20, 2026 | | Basic and Air standard cycle-2 | 4 PM - 5 PM | Thursday, June 18, 2026 | | Metal Forming-5 | 6 PM - 7 PM | | | | |
| Tuesday, April 21, 2026 | | Basic and Air standard cycle-3 | 4 PM - 5 PM | Friday, June 19, 2026 | | Sheet Metal Operations | 6 PM - 7 PM | | | | |
| Wednesday, April 22, 2026 | | Basic and Air standard cycle-4 | 4 PM - 5 PM | Monday, June 22, 2026 | | Metrology-1 | 6 PM - 7 PM | | | | |

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| Thursday, April 23, 2026 | | Basic and Air standard cycle-5 | 4 PM - 5 PM | Tuesday, June 23, 2026 | | Metrology-2 | 6 PM - 7 PM | | | | |
| Friday, April 24, 2026 | | 4s & 2s Engine-1 | 4 PM - 5 PM | Wednesday, June 24, 2026 | | Metrology-3 | 6 PM - 7 PM | | | | |
| Monday, April 27, 2026 | 4s & 2s Engines | 4s & 2s Engine-2 | 4 PM - 5 PM | Thursday, June 25, 2026 | | Metrology-4 | 6 PM - 7 PM | | | | |
| Tuesday, April 28, 2026 | | 4s & 2s Engine-3 | 4 PM - 5 PM | Friday, June 26, 2026 | | Metrology-5 | 6 PM - 7 PM | | | | |
| Wednesday, April 29, 2026 | | Performance of IC Engine-1 | 4 PM - 5 PM | Monday, June 29, 2026 | | Unconventional Machining-1 | 6 PM - 7 PM | | | | |
| Thursday, April 30, 2026 | | Performance of IC Engine-2 | 4 PM - 5 PM | Tuesday, June 30, 2026 | | Unconventional Machining-2 | 6 PM - 7 PM | | | | |
| Friday, May 1, 2026 | IC Engine Performance | Performance of IC Engine-3 | 4 PM - 5 PM | Wednesday, July 1, 2026 | Jigs and Fixtures | Jigs & Fixtures | 6 PM - 7 PM | | | | |
| Monday, May 4, 2026 | | Performance of IC Engine-4 | 4 PM - 5 PM | Material Science | | | | | | | |
| Tuesday, May 5, 2026 | | Combustion in SI and CI engine-1 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, May 6, 2026 | | Combustion in SI and CI engine-2 | 4 PM - 5 PM | Date | Chapter | Title | Timing | | | | |
| Thursday, May 7, 2026 | Combustion in SI and CI engines | Combustion in SI and CI engine-3 | 4 PM - 5 PM | Tuesday, July 7, 2026 | Introduction | Introduction-1 | 6 PM - 7 PM | | | | |
| Friday, May 8, 2026 | | Combustion in SI and CI engine-4 | 4 PM - 5 PM | Wednesday, July 8, 2026 | | Introduction-2 | 6 PM - 7 PM | | | | |
| Monday, May 11, 2026 | | Lubrication & cooling-1 | 4 PM - 5 PM | Thursday, July 9, 2026 | | Crystalline Materials-1 | 6 PM - 7 PM | | | | |
| Tuesday, May 12, 2026 | Lubrication & Cooling | Lubrication & cooling-2 | 4 PM - 5 PM | Friday, July 10, 2026 | Structure and Properties of Engineering Material | Crystalline Materials-2 | 6 PM - 7 PM | | | | |
| Rahul Sir Fluid Mechanics | | | | Monday, July 13, 2026 | | Crystalline Materials-3 | 6 PM - 7 PM | | | | |
| | | | | Tuesday, July 14, 2026 | | Crystalline Materials-4 | 6 PM - 7 PM | | | | |
| Date | Topic | Title | Timing | Wednesday, July 15, 2026 | | Steel-1 | 6 PM - 7 PM | | | | |
| Thursday, March 12, 2026 | Orientation | Orientation | 7 PM - 8 PM | Thursday, July 16, 2026 | Steel | Steel-2 | 6 PM - 7 PM | | | | |
| Friday, March 13, 2026 | | Basic introduction | 7 PM - 8 PM | Friday, July 17, 2026 | | Steel-3 | 6 PM - 7 PM | | | | |
| Monday, March 16, 2026 | FLUID PROPERTY | Bulk modulus , Density | 7 PM - 8 PM | Monday, July 20, 2026 | Heat Treatment of steel | Heat treatment of steel-1 | 6 PM - 7 PM | | | | |
| Tuesday, March 17, 2026 | | Specific gravity and Specific Weight | 7 PM - 8 PM | Tuesday, July 21, 2026 | | Heat treatment of steel-2 | 6 PM - 7 PM | | | | |

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| Wednesday, March 18, 2026 | | Viscosity | 7 PM - 8 PM | Wednesday, July 22, 2026 | Cast Iron | Cast Iron | 6 PM - 7 PM | | | | |
| Thursday, March 19, 2026 | | Newton law of viscosity | 7 PM - 8 PM | | | | | | | | |
| Friday, March 20, 2026 | | Fluid classification | 7 PM - 8 PM | | | | | | | | |
| Monday, March 23, 2026 | SURFACE TENSION | Surface tension | 7 PM - 8 PM | | | | | | | | |
| Tuesday, March 24, 2026 | CAPILLARY | Capillary | 7 PM - 8 PM | | | | | | | | |
| Wednesday, March 25, 2026 | PRESSURE | Basic, Types of pressure | 7 PM - 8 PM | | | | | | | | |
| Thursday, March 26, 2026 | | Pascal and hydrostatic law | 7 PM - 8 PM | | | | | | | | |
| Friday, March 27, 2026 | | Pressure measuring device -1 | 7 PM - 8 PM | | | | | | | | |
| Monday, March 30, 2026 | | Pressure measuring device -2 | 7 PM - 8 PM | | | | | | | | |
| Tuesday, March 31, 2026 | BUOYANCY AND FLOATATION | Basic concepts , principle of floatation | 7 PM - 8 PM | | | | | | | | |
| Wednesday, April 1, 2026 | | Stability condition of submerged body | 7 PM - 8 PM | | | | | | | | |
| Thursday, April 2, 2026 | | Concept of metacentre | 7 PM - 8 PM | | | | | | | | |
| Friday, April 3, 2026 | | Stability condition of floating body | 7 PM - 8 PM | | | | | | | | |
| Monday, April 6, 2026 | HYDROSTATICS FORCE | Hydro-static forces on plane | 7 PM - 8 PM | | | | | | | | |
| Tuesday, April 7, 2026 | | Hydro-static forces on curved surface | 7 PM - 8 PM | | | | | | | | |
| Wednesday, April 8, 2026 | FLUID KINEMATICS | Basic and types of flow | 7 PM - 8 PM | | | | | | | | |
| Thursday, April 9, 2026 | | Stream, path and streak line | 7 PM - 8 PM | | | | | | | | |
| Friday, April 10, 2026 | | Continuity equation | 7 PM - 8 PM | | | | | | | | |
| Monday, April 13, 2026 | | Velocity and stream function | 7 PM - 8 PM | | | | | | | | |
| Tuesday, April 14, 2026 | FLUID DYNAMICS | Eulers, B.E equation | 7 PM - 8 PM | | | | | | | | |
| Wednesday, April 15, 2026 | | Application of B.E Equation | 7 PM - 8 PM | | | | | | | | |

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| Thursday, April 16, 2026 | | Basic introduction , shear stress and velocity profile | 7 PM - 8 PM | | | | | | | | | | |
| Friday, April 17, 2026 | | Pressure drop , friction factor | 7 PM - 8 PM | | | | | | | | | | |
| Monday, April 20, 2026 | LAMINAR & TURBULENT FLOW | Turbulent flow | 7 PM - 8 PM | | | | | | | | | | |
| Tuesday, April 21, 2026 | FLOW THROUGH PIPE | Major , minor losses | 7 PM - 8 PM | | | | | | | | | | |
| Wednesday, April 22, 2026 | | Concept of equivalent pipe and maximum efficiency | 7 PM - 8 PM | | | | | | | | | | |
| Thursday, April 23, 2026 | BOUNDARY LAYER THEORY | Boundary layer theory | 7 PM - 8 PM | | | | | | | | | | |
| Friday, April 24, 2026 | VORTEX MOTION | Free Vortex motion | 7 PM - 8 PM | | | | | | | | | | |
| Monday, April 27, 2026 | | Forced Vortex motion | 7 PM - 8 PM | | | | | | | | | | |
| Tuesday, April 28, 2026 | MODELLING AND SIMILITUDE | Similarity , dimensionless number | 7 PM - 8 PM | | | | | | | | | | |
| Wednesday, April 29, 2026 | Miscellaneous | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Thursday, April 30, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Friday, May 1, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Monday, May 4, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Tuesday, May 5, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Wednesday, May 6, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Thursday, May 7, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Friday, May 8, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Monday, May 11, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Tuesday, May 12, 2026 | | Miscellaneous | 7 PM - 8 PM | | | | | | | | | | |
| Rahul Sir Heat & Mass Transfer | | | | | | | | | | | | | |
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| Date | Topic | Title | Timing | | | | | | | | |
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| Friday, May 15, 2026 | Heat, Mass & Transfer | Heat, Mass & Transfer - 1 | 4 PM - 5 PM | | | | | | | | |
| Monday, May 18, 2026 | | Heat, Mass & Transfer - 2 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, May 19, 2026 | | Heat, Mass & Transfer - 3 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, May 20, 2026 | | Heat, Mass & Transfer - 4 | 4 PM - 5 PM | | | | | | | | |
| Thursday, May 21, 2026 | | Heat, Mass & Transfer - 5 | 4 PM - 5 PM | | | | | | | | |
| Friday, May 22, 2026 | | Heat, Mass & Transfer - 6 | 4 PM - 5 PM | | | | | | | | |
| Monday, May 25, 2026 | | Heat, Mass & Transfer - 7 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, May 26, 2026 | | Heat, Mass & Transfer - 8 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, May 27, 2026 | | Heat, Mass & Transfer - 9 | 4 PM - 5 PM | | | | | | | | |
| Thursday, May 28, 2026 | | Heat, Mass & Transfer - 10 | 4 PM - 5 PM | | | | | | | | |
| Friday, May 29, 2026 | | Heat, Mass & Transfer - 11 | 4 PM - 5 PM | | | | | | | | |
| Monday, June 1, 2026 | | Heat, Mass & Transfer - 12 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, June 2, 2026 | | Heat, Mass & Transfer - 13 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, June 3, 2026 | | Heat, Mass & Transfer - 14 | 4 PM - 5 PM | | | | | | | | |
| Thursday, June 4, 2026 | | Heat, Mass & Transfer - 15 | 4 PM - 5 PM | | | | | | | | |
| Friday, June 5, 2026 | | Heat, Mass & Transfer - 16 | 4 PM - 5 PM | | | | | | | | |
| Monday, June 8, 2026 | | Heat, Mass & Transfer - 17 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, June 9, 2026 | | Heat, Mass & Transfer - 18 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, June 10, 2026 | | Heat, Mass & Transfer - 19 | 4 PM - 5 PM | | | | | | | | |
| Thursday, June 11, 2026 | | Heat, Mass & Transfer - 20 | 4 PM - 5 PM | | | | | | | | |

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| Friday, June 12, 2026 | | Heat, Mass & Transfer - 21 | 4 PM - 5 PM | | | | | | | | |
| Monday, June 15, 2026 | | Heat, Mass & Transfer - 22 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, June 16, 2026 | | Heat, Mass & Transfer - 23 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, June 17, 2026 | | Heat, Mass & Transfer - 24 | 4 PM - 5 PM | | | | | | | | |
| Thursday, June 18, 2026 | | Heat, Mass & Transfer - 25 | 4 PM - 5 PM | | | | | | | | |
| Friday, June 19, 2026 | | Heat, Mass & Transfer - 26 | 4 PM - 5 PM | | | | | | | | |
| Monday, June 22, 2026 | | Heat, Mass & Transfer - 27 | 4 PM - 5 PM | | | | | | | | |
| Tuesday, June 23, 2026 | | Heat, Mass & Transfer - 28 | 4 PM - 5 PM | | | | | | | | |
| Wednesday, June 24, 2026 | | Heat, Mass & Transfer - 29 | 4 PM - 5 PM | | | | | | | | |
| Thursday, June 25, 2026 | | Heat, Mass & Transfer - 30 | 4 PM - 5 PM | | | | | | | | |

