

STUDY PLAN

| Rahul Sir Hydraulic Machines | | | | | Vikas sir Material Science | | | |
|---------------------------------|------------------------------|---|---------------|--|-------------------------------|--|---|---------------|
| Date | Chapter | Title | Timing | | Date | Chapter | Title | Timing |
| Recorded | HYDRAULIC MACHINE | Impact of jet | Recorded | | Wednesday, September 24, 2025 | Introduction | Introduction-1 | 3:00PM-4:00PM |
| Recorded | | Turbine basic , classification | Recorded | | Thursday, September 25, 2025 | | Introduction-2 | 3:00PM-4:00PM |
| Recorded | | Pelton wheel , francis , kaplan turbine | Recorded | | Friday, September 26, 2025 | Structure and Properties of Engineering Material | Crystalline Materials-1 | 3:00PM-4:00PM |
| Recorded | | Pump-1 | Recorded | | Monday, September 29, 2025 | | Crystalline Materials-2 | 3:00PM-4:00PM |
| Recorded | | Pump-2 | Recorded | | Tuesday, September 30, 2025 | | Crystalline Materials-3 | 3:00PM-4:00PM |
| Recorded | LIVE DOUBT AND MISCELLANEOUS | Live doubt and miscellaneous-1 | Recorded | | Wednesday, October 1, 2025 | | Crystalline Materials-4 | 3:00PM-4:00PM |
| Recorded | | Live doubt and miscellaneous-2 | Recorded | | Thursday, October 2, 2025 | Steel | Steel-1 | 3:00PM-4:00PM |
| Recorded | | Live doubt and miscellaneous-3 | Recorded | | Friday, October 3, 2025 | | Steel-2 | 3:00PM-4:00PM |
| Rahul sir Strength of Materials | | | | | Monday, October 6, 2025 | | | Steel-3 |
| Date | Chapter | Title | Timing | | Tuesday, October 7, 2025 | Heat Treatment of steel | Heat treatment of steel-1 | 3:00PM-4:00PM |
| Wednesday, September 24, 2025 | Orientation | Orientation | 7:00PM-7:59PM | | Wednesday, October 8, 2025 | | Heat treatment of steel-2 | 3:00PM-4:00PM |
| Thursday, September 25, 2025 | STRESS AND STRAIN | Basic introduction , Load classification | 7:00PM-7:59PM | | Thursday, October 9, 2025 | Cast Iron | Cast Iron | 3:00PM-4:00PM |
| Friday, September 26, 2025 | | Concept of stress and strain | 7:00PM-7:59PM | | Vikas Sir RAC | | | |
| Monday, September 29, 2025 | | Mechanical properties of materials | 7:00PM-7:59PM | | | | | |
| Tuesday, September 30, 2025 | | Stress vs strain curve for all materials | 7:00PM-7:59PM | | Date | Chapter | Title | Timing |
| Wednesday, October 1, 2025 | | Elastic constant | 7:00PM-7:59PM | | Monday, November 3, 2025 | Orientation | Orientation | 4:00PM-4:59PM |
| Thursday, October 2, 2025 | | Concepts of deformation-1 | 7:00PM-7:59PM | | Tuesday, November 4, 2025 | Basic Introduction of RAC | Basics of refrigeration system 1 | 4:00PM-4:59PM |
| Friday, October 3, 2025 | | Concepts of deformation-2 | 7:00PM-7:59PM | | Wednesday, November 5, 2025 | | Basics of refrigeration system 2 | 4:00PM-4:59PM |
| Monday, October 6, 2025 | STRAIN ENERGY | Strain energy due axial and self weight | 7:00PM-7:59PM | | Thursday, November 6, 2025 | Vapour Compression Refrigeration s | Vapour Compression Refrigeration system 1 | 4:00PM-4:59PM |
| Tuesday, October 7, 2025 | THERMAL STRESS | Thermal stress under free expansion | 7:00PM-7:59PM | | Friday, November 7, 2025 | | Vapour Compression Refrigeration system 2 | 4:00PM-4:59PM |
| Wednesday, October 8, 2025 | | Thermal stress under fixed , composite beam | 7:00PM-7:59PM | | Monday, November 10, 2025 | | Vapour Compression Refrigeration system 3 | 4:00PM-4:59PM |

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| Thursday, October 9, 2025 | SHEAR IN BEAM | Shear in rectangular and triangular section | 7:00PM-7:59PM | Tuesday, November 11, 2025 | | Vapour Compression Refrigeration system 4 | 4:00PM-4:59PM | |
| Friday, October 10, 2025 | | Shear in circular , 1N section of beam | 7:00PM-7:59PM | Wednesday, November 12, 2025 | | Vapour Compression Refrigeration system 5 | 4:00PM-4:59PM | |
| Monday, October 13, 2025 | BENDING IN BEAM | Bending equation | 7:00PM-7:59PM | Thursday, November 13, 2025 | Refrigerants | Types of refrigerants & Properties 1 | 4:00PM-4:59PM | |
| Tuesday, October 14, 2025 | | Application of bending equation | 7:00PM-7:59PM | Friday, November 14, 2025 | | Types of refrigerants & Properties 2 | 4:00PM-4:59PM | |
| Wednesday, October 15, 2025 | TORSION IN SHAFT | Torsion equation | 7:00PM-7:59PM | Monday, November 17, 2025 | | Types of refrigerants & Properties 3 | 4:00PM-4:59PM | |
| Thursday, October 16, 2025 | | Torsion equation application | 7:00PM-7:59PM | Tuesday, November 18, 2025 | Vapour absorption refrigeration syst | Vapour absorption refrigeration system 1 | 4:00PM-4:59PM | |
| Friday, October 17, 2025 | Combined stress | Concepts of normal and shear stress in oblique plane | 7:00PM-7:59PM | Wednesday, November 19, 2025 | | Vapour absorption refrigeration system 2 | 4:00PM-4:59PM | |
| Monday, October 20, 2025 | | Concepts of principle plane ,stress | 7:00PM-7:59PM | Thursday, November 20, 2025 | Refrigeration Cycle and Devices | Refrigeration equipments 1 | 4:00PM-4:59PM | |
| Tuesday, October 21, 2025 | | Mohr Circle | 7:00PM-7:59PM | Friday, November 21, 2025 | | Refrigeration equipments 2 | 4:00PM-4:59PM | |
| Wednesday, October 22, 2025 | SFD AND BMD | Basic , types of beam support , reaction calculation | 7:00PM-7:59PM | Monday, November 24, 2025 | | Refrigeration equipments 3 | 4:00PM-4:59PM | |
| Thursday, October 23, 2025 | | SFD & BMD OF Cantiliver & ssb beam | 7:00PM-7:59PM | Wednesday, August 27, 2025 | Psychrometry 1 | 4:00PM-4:59PM | | |
| Friday, October 24, 2025 | | SFD & BMD combination of load | 7:00PM-7:59PM | Thursday, August 28, 2025 | Psychrometry 2 | 4:00PM-4:59PM | | |
| Monday, October 27, 2025 | SLOPE AND DEFLECTION | Basic and Method of slope and deflection | 7:00PM-7:59PM | Friday, August 29, 2025 | Air conditioning | Psychrometry 3 | 4:00PM-4:59PM | |
| Tuesday, October 28, 2025 | | Slope and deflection of cantiliver | 7:00PM-7:59PM | Monday, September 1, 2025 | | Psychrometry 4 | 4:00PM-4:59PM | |
| Wednesday, October 29, 2025 | | Slope and deflection of SSB beam | 7:00PM-7:59PM | Tuesday, September 2, 2025 | | Psychrometry 5 | 4:00PM-4:59PM | |
| Thursday, October 30, 2025 | COLUMN AND STRUT | Basic and eulers and rankine formula | 7:00PM-7:59PM | Wednesday, September 3, 2025 | | Psychrometry 6 | 4:00PM-4:59PM | |
| Friday, October 31, 2025 | THIN AND THICK CYLINDER | Basic and thin cylinder stress calculation | 7:00PM-7:59PM | Thursday, September 4, 2025 | | Psychrometry 7 | 4:00PM-4:59PM | |
| Monday, November 3, 2025 | THEORY OF FAILURE | Theory of failure-1 | 7:00PM-7:59PM | Dheeraj sir IC Engine | | | | |
| Tuesday, November 4, 2025 | | Theory of failure-2 | 7:00PM-7:59PM | | | | | |
| Wednesday, November 5, 2025 | LIVE DOUBT AND MISCELLANEOUS | Live doubt and miscellaneous-1 | 7:00PM-7:59PM | | | | | |
| Thursday, November 6, 2025 | | Live doubt and miscellaneous-2 | 7:00PM-7:59PM | Date | Chapter | Title | Timing | |
| Friday, November 7, 2025 | | Live doubt and miscellaneous-3 | 7:00PM-7:59PM | Monday, October 13, 2025 | IC engine cycle | Basic and Air standard cycle-1 | 5:00PM-6:00PM | |
| Rahul Sir Engineering Mechanics | | | Tuesday, October 14, 2025 | Basic and Air standard cycle-2 | | 5:00PM-6:00PM | | |
| Date | Chapter | Title | Timing | Wednesday, October 15, 2025 | | Basic and Air standard cycle-3 | 5:00PM-6:00PM | |
| Thursday, October 16, 2025 | Basic of forces | Basic of forces-1 | 1:00 PM - 2:00 PM | Thursday, October 16, 2025 | | Basic and Air standard cycle-4 | 5:00PM-6:00PM | |
| Friday, October 17, 2025 | | Basic of forces-2 | 1:00 PM - 2:00 PM | Friday, October 17, 2025 | | Basic and Air standard cycle-5 | 5:00PM-6:00PM | |

| Monday, October 20, 2025 | | Basic of forces-3 | 1:00 PM - 2:00 PM | | Monday, October 20, 2025 | 4s & 2s Engines | 4s & 2s Engine-1 | 5:00PM-6:00PM |
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| Tuesday, October 21, 2025 | | Basic of forces-4 | 1:00 PM - 2:00 PM | | Tuesday, October 21, 2025 | | 4s & 2s Engine-2 | 5:00PM-6:00PM |
| Wednesday, October 22, 2025 | | Basic of forces-5 | 1:00 PM - 2:00 PM | | Wednesday, October 22, 2025 | | 4s & 2s Engine-3 | 5:00PM-6:00PM |
| Thursday, October 23, 2025 | Types of beam | Types of beam-1 | 1:00 PM - 2:00 PM | | Thursday, October 23, 2025 | IC Engine Performance | Performance of IC Engine-1 | 5:00PM-6:00PM |
| Friday, October 24, 2025 | | Types of beam-2 | 1:00 PM - 2:00 PM | | Friday, October 24, 2025 | | Performance of IC Engine-2 | 5:00PM-6:00PM |
| Monday, October 27, 2025 | Concepts of friction | Concepts of friction-1 | 1:00 PM - 2:00 PM | | Monday, October 27, 2025 | | Performance of IC Engine-3 | 5:00PM-6:00PM |
| Tuesday, October 28, 2025 | | Concepts of friction -2 | 1:00 PM - 2:00 PM | | Tuesday, October 28, 2025 | | Performance of IC Engine-4 | 5:00PM-6:00PM |
| Wednesday, October 29, 2025 | | Concepts of friction -3 | 1:00 PM - 2:00 PM | | Wednesday, October 29, 2025 | Combustion in SI and CI engines | Combustion in SI and CI engine-1 | 5:00PM-6:00PM |
| Thursday, October 30, 2025 | Moment of Inertia | Moment of Inertia-1 | 1:00 PM - 2:00 PM | | Thursday, October 30, 2025 | | Combustion in SI and CI engine-2 | 5:00PM-6:00PM |
| Friday, October 31, 2025 | | Moment of Inertia-2 | 1:00 PM - 2:00 PM | | Friday, October 31, 2025 | | Combustion in SI and CI engine-3 | 5:00PM-6:00PM |
| Monday, November 3, 2025 | | Moment of Inertia-3 | 1:00 PM - 2:00 PM | | Monday, November 3, 2025 | | Combustion in SI and CI engine-4 | 5:00PM-6:00PM |
| Tuesday, November 4, 2025 | Conservation of momentum and energy | Conservation of momentum and energy-1 | 1:00 PM - 2:00 PM | | Tuesday, November 4, 2025 | Lubrication & Cooling | Lubrication & cooling-1 | 5:00PM-6:00PM |
| | | Conservation of momentum and energy-2 | 1:00 PM - 2:00 PM | | Wednesday, November 5, 2025 | | Lubrication & cooling-2 | 5:00PM-6:00PM |
| Dheeraj Sir Theory of Machines | | | | | | VikasSir Industrial Engineering | | |
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| Date | Chapter | Title | Timing | | Date | Chapter | Title | Timing |
| Monday, October 13, 2025 | Mechanism and machines | Simple Mechanism-1 | 8:00PM-8:59PM | | Monday, November 3, 2025 | Introduction and BEA | Introduction & BEA-1 | 3:00PM-4:00PM |
| Tuesday, October 14, 2025 | | Simple Mechanism-2 | 8:00PM-8:59PM | | Tuesday, November 4, 2025 | | Introduction & BEA-2 | 3:00PM-4:00PM |
| Wednesday, October 15, 2025 | | Simple Mechanism-3 | 8:00PM-8:59PM | | Wednesday, November 5, 2025 | Inventory Control | Inventory-1 | 3:00PM-4:00PM |
| Thursday, October 16, 2025 | | Simple Mechanism-4 | 8:00PM-8:59PM | | Thursday, November 6, 2025 | | Inventory-2 | 3:00PM-4:00PM |
| Friday, October 17, 2025 | | Simple Mechanism-5 | 8:00PM-8:59PM | | Friday, November 7, 2025 | | Inventory-3 | 3:00PM-4:00PM |
| Monday, October 20, 2025 | | Simple Mechanism-6 | 8:00PM-8:59PM | | Monday, November 10, 2025 | | Inventory-4 | 3:00PM-4:00PM |
| Tuesday, October 21, 2025 | Velocity and acceleration analysis | Motion Analysis-1 | 8:00PM-8:59PM | | Tuesday, November 11, 2025 | Sequencing | Sequencing-1 | 3:00PM-4:00PM |
| Wednesday, October 22, 2025 | | Motion Analysis-2 | 8:00PM-8:59PM | | Wednesday, November 12, 2025 | | Sequencing-2 | 3:00PM-4:00PM |
| Thursday, October 23, 2025 | Gear | Gear-1 | 8:00PM-8:59PM | | Thursday, November 13, 2025 | | | Sequencing-3 |

| Friday, October 24, 2025 | | Gear-2 | 8:00PM-8:59PM | Friday, November 14, 2025 | PERT & CPM | PERT & CPM-1 | 3:00PM-4:00PM | |
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| Monday, October 27, 2025 | | Gear-3 | 8:00PM-8:59PM | Monday, November 17, 2025 | | PERT & CPM-2 | 3:00PM-4:00PM | |
| Tuesday, October 28, 2025 | | Gear-4 | 8:00PM-8:59PM | Tuesday, November 18, 2025 | | PERT & CPM-3 | 3:00PM-4:00PM | |
| Wednesday, October 29, 2025 | | Gear-5 | 8:00PM-8:59PM | Wednesday, November 19, 2025 | | PERT & CPM-4 | 3:00PM-4:00PM | |
| Thursday, October 30, 2025 | | Gear-6 | 8:00PM-8:59PM | Thursday, November 20, 2025 | | PERT & CPM-5 | 3:00PM-4:00PM | |
| Friday, October 31, 2025 | Gear Train | Gear Train-1 | 8:00PM-8:59PM | Friday, November 21, 2025 | | PERT & CPM-6 | 3:00PM-4:00PM | |
| Monday, November 3, 2025 | | Gear Train-2 | 8:00PM-8:59PM | Monday, November 24, 2025 | Forecasting-1 | 3:00PM-4:00PM | | |
| Tuesday, November 4, 2025 | Governor | Governor-1 | 8:00PM-8:59PM | Tuesday, November 25, 2025 | Forecasting-2 | 3:00PM-4:00PM | | |
| Wednesday, November 5, 2025 | | Governor-2 | 8:00PM-8:59PM | Wednesday, November 26, 2025 | Forecasting-3 | 3:00PM-4:00PM | | |
| Thursday, November 6, 2025 | | Governor-3 | 8:00PM-8:59PM | Thursday, November 27, 2025 | Forecasting | Forecasting-4 | 3:00PM-4:00PM | |
| Friday, November 7, 2025 | | Governor-4 | 8:00PM-8:59PM | Friday, November 28, 2025 | Queing Theory | Queing Theory-1 | 3:00PM-4:00PM | |
| Monday, November 10, 2025 | | Governor-5 | 8:00PM-8:59PM | Monday, December 1, 2025 | | Queing Theory-2 | 3:00PM-4:00PM | |
| Tuesday, November 11, 2025 | Flywheel | Flywheel-1 | 8:00PM-8:59PM | Tuesday, December 2, 2025 | Linear Programming | Linear programming-1 | 3:00PM-4:00PM | |
| Wednesday, November 12, 2025 | | Flywheel-2 | 8:00PM-8:59PM | Wednesday, December 3, 2025 | | Linear programming-2 | 3:00PM-4:00PM | |
| Thursday, November 13, 2025 | Cam & Follower | Cam & Follower-1 | 8:00PM-8:59PM | Thursday, December 4, 2025 | | Linear programming-3 | 3:00PM-4:00PM | |
| Friday, November 14, 2025 | | Cam & Follower-2 | 8:00PM-8:59PM | Friday, December 5, 2025 | Transportation | Transportation-1 | 3:00PM-4:00PM | |
| Monday, November 17, 2025 | Balancing | All About Balancing | 8:00PM-8:59PM | Monday, December 8, 2025 | Transportation-2 | 3:00PM-4:00PM | | |
| Tuesday, November 18, 2025 | Vibration | Vibration-1 | 8:00PM-8:59PM | Tuesday, December 9, 2025 | Assignment | Assignment-1 | 3:00PM-4:00PM | |
| Wednesday, November 19, 2025 | | Vibration-2 | 8:00PM-8:59PM | Wednesday, December 10, 2025 | Assignment-2 | 3:00PM-4:00PM | | |
| Rahul Sir Fluid Mechanics | | | | Thursday, December 11, 2025 | MRP | MRP-1 | 3:00PM-4:00PM | |
| | | | | Friday, December 12, 2025 | | MRP-2 | 3:00PM-4:00PM | |
| Date | Topic | Title | Timing | | Dheeraj sir Production Engineering | | | |
| Monday, November 10, 2025 | Orientation | Orientation | 4:00PM - 4:59PM | | Date | Chapter | Title | Timing |
| Tuesday, November 11, 2025 | FLUID PROPERTY | Basic introduction | 4:00PM - 4:59PM | | Monday, November 10, 2025 | Metal Casting | Introduction to Casting | Recorded |
| Wednesday, November 12, 2025 | | Bulk modulus , Density | 4:00PM - 4:59PM | | Tuesday, November 11, 2025 | | Casting-1 | Recorded |
| Thursday, November 13, 2025 | | Specific gravity and Specific Weight | 4:00PM - 4:59PM | | Wednesday, November 12, 2025 | | Casting-2 | Recorded |

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| Friday, November 14, 2025 | | Viscosity | 4:00PM - 4:59PM | Thursday, November 13, 2025 | | Casting-3 | Recorded |
| Monday, November 17, 2025 | | Newton law of viscosity | 4:00PM - 4:59PM | Friday, November 14, 2025 | | Casting-4 | 5:00PM-6:00PM |
| Tuesday, November 18, 2025 | | Fluid classification | 4:00PM - 4:59PM | Monday, November 17, 2025 | | Casting-5 | 5:00PM-6:00PM |
| Wednesday, November 19, 2025 | SURFACE TENSION | Surface tension | 4:00PM - 4:59PM | Tuesday, November 18, 2025 | | Casting-6 | 5:00PM-6:00PM |
| Thursday, November 20, 2025 | CAPILLARY | Capillary | 4:00PM - 4:59PM | Wednesday, November 19, 2025 | | Casting-7 | 5:00PM-6:00PM |
| Friday, November 21, 2025 | PRESSURE | Basic, Types of pressure | 4:00PM - 4:59PM | Thursday, November 20, 2025 | Joining | Casting-8 | 5:00PM-6:00PM |
| Monday, November 24, 2025 | | Pascal and hydrostatic law | 4:00PM - 4:59PM | Friday, November 21, 2025 | | Introduction to Welding | 5:00PM-6:00PM |
| Tuesday, November 25, 2025 | | Pressure measuring device -1 | 4:00PM - 4:59PM | Monday, November 24, 2025 | | Welding-1 | 5:00PM-6:00PM |
| Wednesday, November 26, 2025 | | Pressure measuring device -2 | 4:00PM - 4:59PM | Tuesday, November 25, 2025 | | Welding-2 | 5:00PM-6:00PM |
| Thursday, November 27, 2025 | BUOYANCY AND FLOATATION | Basic concepts, principle of floatation | 4:00PM - 4:59PM | Wednesday, November 26, 2025 | | Welding-3 | 5:00PM-6:00PM |
| Friday, November 28, 2025 | | Stability condition of submerged body | 4:00PM - 4:59PM | Thursday, November 27, 2025 | | Welding-4 | 5:00PM-6:00PM |
| Monday, December 1, 2025 | | Concept of metacentre | 4:00PM - 4:59PM | Friday, November 28, 2025 | | Welding-5 | 5:00PM-6:00PM |
| Tuesday, December 2, 2025 | | Stability condition of floating body | 4:00PM - 4:59PM | Monday, December 1, 2025 | | Welding-6 | 5:00PM-6:00PM |
| Wednesday, December 3, 2025 | HYDROSTATICS FORCE | Hydro-static forces on plane | 4:00PM - 4:59PM | Tuesday, December 2, 2025 | | Welding-7 | 5:00PM-6:00PM |
| Thursday, December 4, 2025 | | Hydro-static forces on curved surface | 4:00PM - 4:59PM | Wednesday, December 3, 2025 | | Welding-8 | 5:00PM-6:00PM |
| Friday, December 5, 2025 | FLUID KINEMATICS | Basic and types of flow | 4:00PM - 4:59PM | Thursday, December 4, 2025 | Metal Cutting | Metal Cutting-1 | 5:00PM-6:00PM |
| Monday, December 8, 2025 | | Stream, path and streak line | 4:00PM - 4:59PM | Friday, December 5, 2025 | | Metal Cutting-2 | 5:00PM-6:00PM |
| Tuesday, December 9, 2025 | | Continuity equation | 4:00PM - 4:59PM | Monday, December 8, 2025 | | Metal Cutting-3 | 5:00PM-6:00PM |
| Wednesday, December 10, 2025 | | Velocity and stream function | 4:00PM - 4:59PM | Tuesday, December 9, 2025 | | Metal Cutting-4 | 5:00PM-6:00PM |
| Thursday, December 11, 2025 | FLUID DYNAMICS | Eulers, B.E equation | 4:00PM - 4:59PM | Wednesday, December 10, 2025 | | Metal Cutting-5 | 5:00PM-6:00PM |
| Friday, December 12, 2025 | | Application of B.E Equation | 4:00PM - 4:59PM | Thursday, December 11, 2025 | | Metal Cutting-6 | 5:00PM-6:00PM |
| Monday, December 15, 2025 | | Basic introduction, shear stress and velocity profile | 4:00PM - 4:59PM | Friday, December 12, 2025 | Machine & Machine Tools | Concept of MMT-1 | 5:00PM-6:00PM |
| Tuesday, December 16, 2025 | | Pressure drop, friction factor | 4:00PM - 4:59PM | Monday, December 15, 2025 | | Concept of MMT-2 | 5:00PM-6:00PM |
| Wednesday, December 17, 2025 | LAMINAR & TURBULENT FLOW | Turbulent flow | 4:00PM - 4:59PM | Tuesday, December 16, 2025 | | Concept of MMT-3 | 5:00PM-6:00PM |
| Thursday, December 18, 2025 | FLOW THROUGH PIPE | Major, minor losses | 4:00PM - 4:59PM | Wednesday, December 17, 2025 | | Concept of MMT-4 | 5:00PM-6:00PM |
| Friday, December 19, 2025 | | Concept of equivalent pipe and maximum efficiency | 4:00PM - 4:59PM | Thursday, December 18, 2025 | | Concept of MMT-5 | 5:00PM-6:00PM |

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| Monday, December 22, 2025 | BOUNDARY LAYER THEORY | Boundry layer thoery | 4:00PM - 4:59PM | Friday, December 19, 2025 | Metal Forming & Sheet Metals | Metal Forming-1 | 5:00PM-6:00PM |
| Tuesday, December 23, 2025 | VORTEX MOTION | Free Vortex motion | 4:00PM - 4:59PM | Monday, December 22, 2025 | | Metal Forming-2 | 5:00PM-6:00PM |
| Wednesday, December 24, 2025 | | Forced Vortex motion | 4:00PM - 4:59PM | Tuesday, December 23, 2025 | | Metal Forming-3 | 5:00PM-6:00PM |
| Thursday, December 25, 2025 | MODELLING AND SIMILITUDE | Similarity , dimensionless number | 4:00PM - 4:59PM | Wednesday, December 24, 2025 | | Metal Forming-4 | 5:00PM-6:00PM |
| Dheeraj Sir Machine Design | | | | Thursday, December 25, 2025 | | Metal Forming-5 | 5:00PM-6:00PM |
| | | | | Friday, December 26, 2025 | | Sheet Metal Operations | 5:00PM-6:00PM |
| Date | Chapter | Title | Timing | Monday, December 29, 2025 | Metrology | Metrology-1 | 5:00PM-6:00PM |
| Wednesday, September 24, 2025 | Design for static loading | Introduction to load | 8:00PM-8:59PM | Tuesday, December 30, 2025 | | Metrology-2 | 5:00PM-6:00PM |
| Thursday, September 25, 2025 | | Different theories of Failures-1 | 8:00PM-8:59PM | Wednesday, December 31, 2025 | | Metrology-3 | 5:00PM-6:00PM |
| Friday, September 26, 2025 | | Different theories of Failures-2 | 8:00PM-8:59PM | Thursday, January 1, 2026 | | Metrology-4 | 5:00PM-6:00PM |
| Monday, September 29, 2025 | | Different theories of Failures-3 | 8:00PM-8:59PM | Friday, January 2, 2026 | | Metrology-5 | 5:00PM-6:00PM |
| Tuesday, September 30, 2025 | Design against Fluctuation load | Design against Fluctuation load-1 | 8:00PM-8:59PM | Monday, January 5, 2026 | Unconventional Machining | Unconventional Machining-1 | 5:00PM-6:00PM |
| Wednesday, October 1, 2025 | | Design against Fluctuation load-2 | 8:00PM-8:59PM | Tuesday, January 6, 2026 | | Unconventional Machining-2 | 5:00PM-6:00PM |
| Thursday, October 2, 2025 | | Design against Fluctuation load-3 | 8:00PM-8:59PM | Wednesday, January 7, 2026 | Jigs and Fixtures | Jigs & Fixtures | 5:00PM-6:00PM |
| Friday, October 3, 2025 | Riveted ,welded joint and bolted joint | Different stresses in Screw fastners | 8:00PM-8:59PM | Vikas Sir Thermodynamics | | | |
| Monday, October 6, 2025 | | Bolt joint analysis-1 | 8:00PM-8:59PM | | | | |
| Tuesday, October 7, 2025 | | Bolt joint analysis-2 | 8:00PM-8:59PM | Date | Chapter | Title | Timing |
| Wednesday, October 8, 2025 | | Design of Rivet joint and Stress Analysis | 8:00PM-8:59PM | Monday, November 3, 2025 | Thermodynamics system and processes | Basics Concept-1 | 8:30PM-9:59PM |
| Thursday, October 9, 2025 | | Type of riveted joint and efficiency | 8:00PM-8:59PM | Tuesday, November 4, 2025 | | Basics Concept-2 | 8:30PM-9:59PM |
| Friday, October 10, 2025 | | Parallel fillet weld | 8:00PM-8:59PM | Wednesday, November 5, 2025 | | Basics Concept-3 | 8:30PM-9:59PM |
| Monday, October 13, 2025 | | Transverse fillet weld | 8:00PM-8:59PM | Thursday, November 6, 2025 | | Basics Concept-4 | 8:30PM-9:59PM |
| Tuesday, October 14, 2025 | | Welded joint subjected to bending moment | 8:00PM-8:59PM | Friday, November 7, 2025 | Heat and Work | Heat and work-1 | 8:30PM-9:59PM |
| Wednesday, October 15, 2025 | | Welded joint subjected to torsion moment | 8:00PM-8:59PM | Monday, November 10, 2025 | | Heat and work-2 | 8:30PM-9:59PM |
| Thursday, October 16, 2025 | | Design of shaft for variable load-1 | 8:00PM-8:59PM | Tuesday, November 11, 2025 | | Heat and work-3 | 8:30PM-9:59PM |
| Friday, October 17, 2025 | | Design of shaft for variable load-2 | 8:00PM-8:59PM | Wednesday, November 12, 2025 | | Heat and work-4 | 8:30PM-9:59PM |
| Monday, October 20, 2025 | Shaft Key and Coupling | Design of shaft for variable load-3 | 8:00PM-8:59PM | Thursday, November 13, 2025 | First law of thermodynamics | First law of thermodynamics-1 | 8:30PM-9:59PM |

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| 7 | Engineers Adda247 YouTube | Engineers Adda247 Telegram | Adda247 App |
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For Enquiry Call at : 9650084247

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| | | | | | Recorded | Brayton Cycle | Brayton Cycle part 1 | Recorded |
| | | | | | Recorded | | Brayton Cycle part 2 | Recorded |
| | | | | | Recorded | | Brayton Cycle part 3 | Recorded |
| | | | | | Recorded | | Brayton Cycle part 4 | Recorded |
| | | | | | Recorded | Air Compressors & their cycles | Air Compressors & their cycles part 1 | Recorded |
| | | | | | Recorded | | Air Compressors & their cycles part 2 | Recorded |
| | | | | | Recorded | | Air Compressors & their cycles part 3 | Recorded |
| | | | | | Recorded | | Air Compressors & their cycles part 4 | Recorded |
| | | | | | Recorded | Steam Turbines & Nozzles | Steam Turbines & Nozzles part 1 | Recorded |
| | | | | | Recorded | | Steam Turbines & Nozzles part 2 | Recorded |
| | | | | | Recorded | | Steam Turbines & Nozzles part 3 | Recorded |
| | | | | | Recorded | | Steam Turbines & Nozzles part 4 | Recorded |
| | | | | | Recorded | | Steam Turbines & Nozzles part 5 | Recorded |