

STUDY PLAN BARC (Mechanical)

[illegible]

| | Days | | Faculty Name | | Faculty Name | | Faculty Name | | Faculty Name | | Faculty Name |
|------------|-----------|------------------------------|--------------|---|--------------|--|--------------|---|--------------|------------------------------|--------------|
| Subject | | Thermo/ Mechanics | | TOM/ MD | | Production / Industrial | | FM/HMT | | SOM | |
| Date/ Time | | Time Slot- 07:00 AM-09:00 AM | Kanishth Sir | Time Slot- 1:00 AM-03:00 PM | Gaurav Sir | Time Slot- 03:00 PM-05:00 PM | Mukesh sir | Time Slot- 06:00 PM-08:00 PM | Yogesh Sir | Time Slot- 09:30 AM-11:30 AM | Rehan Sir |
| 13 Mar | Monday | | | Balancing of In Line Cylinder Engine | Gaurav Sir | Inventory control (EOQ) | Mukesh sir | Steady State Conduction Heat Transfer-1 | Yogesh Sir | Stress-strain curve | Rehan Sir |
| 14 Mar | Tuesday | | | Damped Vibration | Gaurav Sir | Discounted model (EOQ) | Mukesh sir | Steady State Conduction Heat Transfer-2 | Yogesh Sir | mohr circle | Rehan Sir |
| 15 Mar | Wednesday | | | Forced Damped Vibrations | Gaurav Sir | Finite production model (EOQ) | Mukesh sir | Unsteady State Conduction Heat Transfer | Yogesh Sir | Principal Stresses | Rehan Sir |
| 16 Mar | Thursday | Equilibrium of Forces | Kanishth Sir | Law of Gearing | Gaurav Sir | LPP (Graphical) | Mukesh sir | Fins | Yogesh Sir | SFD & BMD | Rehan Sir |
| 17 Mar | Friday | Trusses | Kanishth Sir | Minimum number of teeth in Involute gear | Gaurav Sir | Simplex method | Mukesh sir | Convection-1 | Yogesh Sir | Bending stresses in Beams | Rehan Sir |
| 18 Mar | Saturday | Moment of Inertia | Kanishth Sir | Introduction to gear train and its classification | Gaurav Sir | Simplex method - 2 | Mukesh sir | | | Torsion of shaft | Rehan Sir |
| 19 Mar | Sunday | | | Introduction to Gyroscope | Gaurav Sir | | | | | | |
| 20 Mar | Monday | Friction | Kanishth Sir | Gyroscopic Effect on Plane and Naval Ship | Gaurav Sir | Transportaion problem | Mukesh sir | Convection-2 | Yogesh Sir | Combined stresses | Rehan Sir |
| 21 Mar | Tuesday | Dynamics Part 1 | Kanishth Sir | Introduction to CAM And Followers, Classifications | Gaurav Sir | Transportaion & Assignment | Mukesh sir | Radiation | Yogesh Sir | Deflection of Beams | Rehan Sir |
| 22 Mar | Wednesday | Dynamics Part 2 | Kanishth Sir | Theoretical Stress Concentration Factor | Gaurav Sir | CPM -PERT | Mukesh sir | Heat Exchanger | Yogesh Sir | Thin cylinder & Columns | Rehan Sir |
| 23 Mar | Thursday | Impulse Collision | Kanishth Sir | Concepts on Soderberg Goodman and Gereber Equation | Gaurav Sir | CPM -PERT -2 | Mukesh sir | | | Theories of Failure | Rehan Sir |
| 24 Mar | Friday | Work Energy Theorem | Kanishth Sir | Design of Rivet for Plates with Different Thickness | Gaurav Sir | Forecasting | Mukesh sir | | | | |
| 25 Mar | Saturday | | | Bolted Joint Subjected to Axial Load,Eccentric Loading | Gaurav Sir | Queuing theory | Mukesh sir | | | | |
| 26 Mar | Sunday | | | Maximum Torque Carrying Capacity of Single Plate Clutch | Gaurav Sir | | | | | | |
| 27 Mar | Monday | | | Comparision between UPT and UWT and Friction Radius | Gaurav Sir | Sequencing, line balance,MRP, work study | Mukesh sir | | | | |
| 28 Mar | Tuesday | | | Drum and Shoe Brakes | Gaurav Sir | | | | | | |
| 29 Mar | Wednesday | | | Design of Rolling Element Bearing under Cyclic Loading | Gaurav Sir | | | | | | |
| 30 Mar | Thursday | | | Power Loss and Frictional Torque | Gaurav Sir | | | | | | |