

STUDY PLAN BARC (Mechanical)

	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
23 Feb	Thursday	Heat and Work	Kanishth Sir			Turning & Shaping	Mukesh sir	Fluid Properties	Yogesh Sir		
24 Feb	Friday	First Law Closed System-1	Kanishth Sir			Turning & Shaping -2	Mukesh sir	Pressure Measurement	Yogesh Sir		
25 Feb	Saturday		Kanishth Sir			Drilling & milling	Mukesh sir				
26 Feb	Sunday										
27 Feb	Monday	First Law Closed System-2	Kanishth Sir	Kinematic Links	Gaurav Sir	Tool geometry	Mukesh sir	Hydrostatic Forces	Yogesh Sir		
28 Feb	Tuesday	Open System Analysis	Kanishth Sir	Types of Relative Motion and Kinematic Pair	Gaurav Sir	Gating Design	Mukesh sir	Buoyancy & Floatation	Yogesh Sir		
1 Mar	Wednesday	Second law of TD	Kanishth Sir	Degree of Freedom	Gaurav Sir	Riser Design	Mukesh sir	Fluid Kinematics-1	Yogesh Sir		
2 Mar	Thursday	Entropy -1	Kanishth Sir	Single Slider Crank Mechanism	Gaurav Sir	ARC welding	Mukesh sir	Fluid Kinematics-1	Yogesh Sir		
3 Mar	Friday	Entropy-2	Kanishth Sir	Double Slider Crank Mechanisms	Gaurav Sir	Resistan <mark>ce welding</mark>	Mukesh sir	Fluid Dynamics	Yogesh Sir		
4 Mar	Saturday	Pure Substance Part 1	Kanishth Sir	Introduction to Instanseous center method	Gaurav Sir	Rolling, Bending, Forging	Mukesh sir				
5 Mar	Sunday										
6 Mar	Monday	Pure Substance Part 2	Kanishth Sir	Special concept on Velocity diagram	Gaurav Sir	Sheet Metal Working	Mukesh sir	Viscus Flow	Yogesh Sir		
7 Mar	Tuesday	Thermodynamic Relations		Watt, Porter and Proell Governor	Gaurav Sir	Limits, Fits & Tolerance	Mukesh sir	Bundary Layer	Yogesh Sir		
8 Mar	Wednesday										
9 Mar	Thursday			Terms used in governor	Gaurav Sir	NC Part Programing	Mukesh sir	Turbulent Flow, Vortex Motion , Dimensional Analysis	Yogesh Sir	Stress & Hooks law & Elongation	Rehan Sir
10 Mar	Friday			Fundamental Equation of Flywheel	Gaurav Sir					Elastic constants	Rehan Sir
11 Mar	Saturday			Reciprocating Balancing	Gaurav Sir					Thermal stress	Rehan Sir
12 Mar	Sunday										

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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			Inroduction 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	Theoritical Stress Concetration Factor	Gaurav Sir	CPM -PERT	Mukesh sir	Heat Exachanger	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 P <mark>late</mark> 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						