

Course Outcomes		Department -		Mechanical Engineering	
<b>Course Title:</b>		<b>Engineering Mathematics -III</b>			
<b>Course Code:</b>		<b>MET-401</b>			
<b>Program:</b>		<b>B.TECH.</b>		<b>Semester -IV</b>	
<b>Credits:</b>		<b>L=3, T-1</b>	<b>P=0</b>	<b>Total:=04</b>	
<b>Course Outcome</b>					
1	Use mathematical tool to understand engineering principles and concepts.				
2	Find the distance between points with the help of co-ordinate geometry				
3	Apply Differentiation to velocity, acceleration maximum and minimum				
4	Apply integration for finding area and volume.				
5	Understand the knowledge about the process and technique used in modern day manufacturing industries and possible reforms.				
Course Outcomes		Department -		Mechanical Engineering	
<b>Course Title:</b>		<b>Production Process</b>			
<b>Course Code:</b>		<b>MET-402</b>			
<b>Program:</b>		<b>B.TECH.</b>		<b>Semester -IV</b>	
<b>Credits:</b>		<b>L-4</b>	<b>T-1</b>	<b>P-0</b>	<b>Total=5</b>
<b>Course Outcome</b>					
1	To learn about the various techniques and process involved in metal casting and metal forming.				
2	Obtain detail knowledge about the different methods and techniques used in fabrication industries.				
3	Learn about the heat treatment methods and procedures of metal and its effects on it.				
4	Understand the various process involved in production of any part or device and how effectively we can do it.				
5	Understand the knowledge about the process and technique used in modern day manufacturing industries and possible reforms.				

Course Outcomes		Department -		Mechanical Engineering
<b>Course Title:</b>	<b>Theory of Machines – I</b>			
<b>Course Code:</b>	<b>MET-403</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>				
1	Perform the kinematic analysis of a given mechanism and calculate degree of freedom			
2	To determine the planar mechanism for displacement, velocity and acceleration graphically.			
3	Construct different types of cam profile for a given data.			
4	Analyze various motion transmission elements like gears, gear trains, cams, belt drive and rope drive.			
5	Study planar four bar and slider crank mechanisms for specified kinematic conditions.			
Course Outcomes		Department -		Mechanical Engineering
<b>Course Title:</b>	<b>Thermal Engineering</b>			
<b>Course Code:</b>	<b>MET-404</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>				
1	Evaluate the performance of steam power cycles.			
2	Evaluate the performance of steam nozzle and its application			
3	To study the combustion of Spark ignition engine			
4	Understand combustion phenomena in CI engines and factors influencing combustion chamber design.			
5	Conduct constant speed and variable speed tests on IC engines and interpret their performance.			

Course Outcomes		Department -		Mechanical Engineering
<b>Course Title:</b>	<b>FLUID MECHANICS</b>			
<b>Course Code:</b>	<b>MET-405</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>				
1	To give fundamental knowledge of fluid, its properties. principle of buoyancy and stability of a floating body			
2	To determine the losses in a flow system, flow through pipes, boundary layer flow and flow past immersed bodies			
3	Examine energy losses in pipe transitions and sketch energy gradient lines.			
4	Employ principle of manometry to measure gauge and differential pressure. Distinguish between Drag			
5	Illustrate fully developed flow. Apply Hagen Poiseuille's equation to solve numerical Problems			
Course Outcomes		Department -		Mechanical Engineering
<b>Course Title:</b>	<b>Professional skill-II</b>			
<b>Course Code:</b>	<b>BT-406</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-0</b>	<b>T-0</b>	<b>P-2</b>	<b>Total-2</b>
<b>Course Outcome</b>				
1	Students should understand the Introduction to group discussion, structure and dynamics			
2	Students should know Techniques of effective participation in group discussion			
3	Students should be able Preparing for group discussion; Ways to carry out group discussion			
4	How to prepare for interviews; Language and style to be used in interview arise in using quantitative and qualitative research.			

<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>
<b>Course Title:</b>	<b>Java Programming</b>			
<b>Course Code:</b>	<b>BT-407</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-0</b>	<b>T-0</b>	<b>P-2</b>	<b>Total-2</b>
<b>Course Outcome</b>				
1	To study the basic java programming.			
2	To study the Object-oriented programming with Java Classes and Objects.			
3	To study the Thread States, Priorities and Thread Scheduling, Life Cycle of a Threads.			
4	To discuss the Advance Java Technologies.			
5	To study the Advance Web/Internet Programming .			
<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>
<b>Course Title:</b>	<b>Electrical Workshop</b>			
<b>Course Code:</b>	<b>MET-408</b>			
<b>Program:</b>	<b>B.TECH.</b>			<b>Semester -IV</b>
<b>Credits:</b>	<b>L-0</b>	<b>T-0</b>	<b>P-2</b>	<b>Total-2</b>
<b>Course Outcome</b>				
1	Study the Miscellaneous Electrical Workshop Processes.			
2	House Wiring Processes Wiring of different lamp control, stair casing circuits.			
3	To make a distribution board containing at least two switches.			
4	Armature winding of 3 phase induction motor.			
5	Assembling small transformer cores from the given lamination plates. Assembling small battery charger.			