

**SCHOOL OF RESEARCH & TECHNOLOGY**

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<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Robotics and Industrial Automation</b>				
<b>Course Code:</b>	<b>MET-701</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-3</b>	<b>T- 1</b>	<b>Total: 4</b>		
<b>Course Outcome</b>					
1	To understand about automation in engineering				
2	To implement mechatronics for production purpose				
3	To aware about automation in engineering				
4	mass production with the automation				
5	How industrial work becomes easy with automation				
<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Industrial Engg and operation research</b>				
<b>Course Code:</b>	<b>MET-703</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-3</b>	<b>T-1 P-2</b>	<b>Total:06</b>		
<b>Course Outcome</b>					
1	For aware about Industrial work				
2	Different Process used for efficient production				
3	uses the techniques of operation research for batch production				
4	To understant the importance of operation research in Industries				
5	Application of research methodology for innovative production				

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<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Control systems and electrical machines</b>				
<b>Course Code:</b>	<b>MET-704</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L 3</b>	<b>P-2 , T-1</b>		<b>Total : 6</b>	
<b>Course Outcome</b>					
1	Aware about electrical systems used in industry				
2	To know the importance of Control system for Machine precisely work				
3	Application of control system in Production devices				
4	Different electrical machines are used in Industries				
5	Implementation of electrical energy in production work				
<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Mechanical Engg Software Lab-III</b>				
<b>Course Code:</b>	<b>MET-705</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-0</b>	<b>P-2</b>		<b>Total :2</b>	
<b>Course Outcome</b>					
1	Aware about different designing softwares				
2	Design softwares are used for complex shapes				
3	Implementation of different design software for easy work output				
4	Requirement of design software for present scenario				
5	To know about updated design softwares				



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<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Major Project-I</b>				
<b>Course Code:</b>	<b>MET-706</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>T -0</b>	<b>P-6</b>	<b>Total :6</b>		
<b>Course Outcome</b>					
1	To find out technical problem in traditional system				
2	To know about solution of problem				
3	Implement different techniques for finding the correct solution				
4	To understand the term feasibility				
5	To make different Project reports				

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<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Industrial Training-II</b>				
<b>Course Code:</b>	<b>MET-707</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>T-0</b>	<b>P-4</b>		<b>Total-4</b>	
<b>Course Outcome</b>					
1	To aware about current working scenario				
2	To understand about different working techniques in industry				
3	To know more about industrial working conditions very keenly				
4	To see updated working techniques				
5	To see the future in industry				
<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Value Engineering (Elective-I)</b>				
<b>Course Code:</b>	<b>7101</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>		<b>Total-4</b>	
<b>Course Outcome</b>					
1	To study the Value Engineering Concepts				
2	To understand about different Function Analysis System Technique and quantitative evaluation.				
3	To know more about Value Engineering Techniques				
4	To see updated working techniques , problems in implementation of human factors				
5	To see level of VE in the organization				

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<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Computer Aided Engineering (Elective-I)</b>				
<b>Course Code:</b>	<b>7102</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>	<b>Total-4</b>		
<b>Course Outcome</b>					
1	To know the different methods to solve engineering problems				
2	Aware about Element Types and Characteristics in CAD				
3	Understand the assembly of Elements and Matrices				
4	Aware about analysis of trusses and frames				
5	Understand different Dynamic Analysis				
<b>Course Outcomes</b>		<b>Department -</b>		<b>Mechanical Engineering</b>	
<b>Course Title:</b>	<b>Automobile (Elective-I)</b>				
<b>Course Code:</b>	<b>7103</b>				
<b>Program:</b>	<b>B.Tech.</b>			<b>Semester: VII</b>	
<b>Credits:</b>	<b>L-3</b>	<b>T-1</b>	<b>Total-4</b>		
<b>Course Outcome</b>					
1	To know the different components of automobile				
2	Aware about different steering mechanism				
3	Understand the working of brake and clutch				
4	Aware about automobile performance				
5	Understand different autobobile linkages				