



**SCHOOL OF RESEARCH & TECHNOLOGY**

AN ISO 9001: 2008 Certified Institute

<b>Course Title:</b>	<b>Engineering Mathematics-II</b>		
<b>Course Code:</b>	<b>BT- 301</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester- III</b>	
<b>Credits:</b>	<b>T-04</b>	<b>P-00</b>	<b>Total-04</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Formulate and analyze mathematical and statistical problems, precisely define the key terms</b>		
<b>2</b>	<b>Maintain a core of mathematical and technical knowledge that is adaptable to changing technology</b>		
<b>3</b>	<b>Use mathematical and statistical techniques to solve well-defined problems and present their mathematical solutions</b>		
<b>4</b>	<b>Display mastery of basic computational skills and recognize the appropriate use of technology to solve problems</b>		
<b>5</b>	<b>Propose new mathematical questions and suggest possible software packages</b>		

<b>Course Title:</b>	<b>Electrical Engineering Material</b>		
<b>Course Code:</b>	<b>EET-302</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester- III</b>	
<b>Credits:</b>	<b>T-4</b>	<b>P-0</b>	<b>Total-4</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Analysis the behaviour and structures of various elements</b>		
<b>2</b>	<b>Improved materials to overcome the disadvantages of present day material</b>		
<b>3</b>	<b>Material used in industry and their strengths and drawbacks.</b>		
<b>4</b>	<b>Developed machines with improved machines with improved efficiency.</b>		
<b>5</b>	<b>Future scope of materials and their use in various research programmes.</b>		

<b>Course Title:</b>	<b>Electrical Machine- I</b>		
<b>Course Code:</b>	<b>EET-303</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester III</b>	
<b>Credits:</b>	<b>T -04</b>	<b>P-02</b>	<b>Total -06</b>
<b>Course Outcome</b>			
<b>1</b>	<b>An ability to use technical study and concepts learnt during the graduation practically in the D.</b>		
<b>2</b>	<b>Become Familiar with the curricular structure of Single Phase Transformer</b>		
<b>3</b>	<b>Become Familiar with the curricular structure of Three Phase Transformer Connection</b>		
<b>4</b>	<b>Acquire knowledge about various types of Three Phase Machines - Generator, Motor and 3 Ph</b>		
<b>5</b>	<b>Acquire knowledge about various types of Single Phase Induction Motors</b>		

<b>Course Title:</b>	<b>Electrical Measurement &amp; Instrumentation</b>		
<b>Course Code:</b>	<b>EET- 304</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester - III</b>	
<b>Credits:</b>	<b>T - 04</b>	<b>P - 02</b>	<b>Total - 06</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Introduction to various concept regarding instrumentation and other related terms.</b>		
<b>2</b>	<b>Introduction to various types of ammeter, voltmeter, wattmeter, pf meter etc.</b>		
<b>3</b>	<b>Introduction to the instrument transformer and measurement of power.</b>		
<b>4</b>	<b>To understand the measurement of energy involved process and their related terms.</b>		
<b>5</b>	<b>Understanding in the Miscellaneous Instruments &amp; Measurements also the resistance measurement</b>		

<b>Course Title:</b>	<b>Network Analysis</b>		
<b>Course Code:</b>	<b>BT-325</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester-III</b>	
<b>Credits:</b>	<b>T-4</b>	<b>P-2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
<b>1</b>	<b>An ability to use technical terms and concepts of Ohms, Kirchoffs Law.</b>		
<b>2</b>	<b>Acquire knowledge about various types of Theorems like Thevenin, Superposition, Maximum T</b>		
<b>3</b>	<b>Acquire knowledge about Switching Condition of Network.</b>		
<b>4</b>	<b>Acquire knowledge about Laplace Transformation.</b>		
<b>5</b>	<b>Acquire knowledge about Mathematical terminologies like fourier in Electrical Circuit.</b>		

<b>Course Title:</b>	<b>Electrical Workshop</b>		
<b>Course Code:</b>	<b>EET-308</b>		
<b>Program:</b>	<b>B.Tech</b>	<b>Semester: III</b>	
<b>Credits:</b>	<b>T-Nil</b>	<b>P-2</b>	<b>Total-2</b>
<b>Course Outcome</b>			
<b>1</b>	<b>Connection of various electrical components for domestic and industrial purpose.</b>		
<b>2</b>	<b>Understand basic construction and operation of various laboratory equipments.</b>		
<b>3</b>	<b>Identify and understand importance of various electrical and electronics components.</b>		
<b>4</b>	<b>Understanding of various electrical and electronic components for making various projects.</b>		
<b>5</b>	<b>Perform basic maintenance and troubleshooting of house hold equipments, energy saving etc.</b>		