



**SCHOOL OF RESEARCH & TECHNOLOGY**

AN ISO 9001: 2008 Certified Institute

Course Outcomes		Department -	INFORMATION TECHNOLOGY
<b>Course Title:</b> MATHEMATICS III			
<b>Course Code:</b> BT-401			
<b>Program:</b> B.TECH		<b>Semester - IV</b>	
<b>Credits:</b> T-4	P-0	<b>Total-4</b>	
<b>Course Outcome</b>			
1	Students will simplify and evaluate algebraic expressions.		
2	Students will form and solve linear equations in one variable.		
3	Students will apply basic algebra and geometry to problems in radiological science.		
4	Students will use units correctly and convert between metric and standard units of measurement.		
5	Students will demonstrate the ability to solve basic problems in probability and statistics.		

Course Outcomes		Department -	INFORMATION TECHNOLOGY
<b>Course Title:</b> INFORMATION THEAORY AND CODING			
<b>Course Code:</b> IT-402			
<b>Program:</b> B.TECH		<b>Semester -IV</b>	
<b>Credits:</b> T-4	P-2	<b>Total-6</b>	
<b>Course Outcome</b>			
1	Analyze the performance of error control codes		
2	Understand various error control encoding and decoding techniques.		
3	Apply information theory and linear algebra in source coding and channel coding.		
4	To compare coded Vs. uncoded system.		
5	To obtain an understanding of the theoretical principles of source coding.		

Course Outcomes		Department -	INFORMATION TECHNOLOGY
<b>Course Title:</b> COMPUTER SYSTEM ORGANIZATION			
<b>Course Code:</b> IT-403			
<b>Program:</b> B.TECH		<b>Semester -IV</b>	
<b>Credits:</b> T-4	P-2	<b>Total-6</b>	
<b>Course Outcome</b>			
1	Understand the operation of electronic logic elements.		
2	Understand the organisation of a computer system in terms of its main components.		
3	Understand input/output mechanisms.		
4	Understand different processor architectures.		
5	Be able to interface digital circuits to microprocessor systems.		

Course Outcomes		Department -	INFORMATION TECHNOLOGY
<b>Course Title:</b> ANALOG & DIGITAL COMMUNICATION			
<b>Course Code:</b> IT-404			
<b>Program:</b> B.TECH		<b>Semester -IV</b>	
<b>Credits:</b> T-4	P-2	<b>Total-6</b>	
<b>Course Outcome</b>			
1	Understand basic elements of a communication system		
2	Conduct analysis of baseband signals in time domain and in frequency domain		
3	Demonstrate understanding of various analog and digital modulation and demodulation techniques techni		

4	Analyse the performance of modulation and demodulation techniques in various transmission environments
5	Appreciate the importance of synchronisation in communication systems

<b>Course Outcomes</b>	<b>Department -</b>	<b>INFORMATION TECHNOLOGY</b>
<b>Course Title:</b>	<b>JAVA PROGRAMMING</b>	
<b>Course Code:</b>	<b>IT-405</b>	
<b>Program:</b>	<b>B.TECH</b>	<b>Semester -IV</b>
<b>Credits:</b>	<b>T-0</b>	<b>P-2</b>
<b>Course Outcome</b>	<b>Total-2</b>	
1	Create Java programs that solve simple business problems.	
2	Perform a test plan to validate a Java program.	
3	Construct a Java class based on a UML class diagram.	
4		
5		

<b>Course Outcomes</b>	<b>Department -</b>	<b>INFORMATION TECHNOLOGY</b>
<b>Course Title:</b>	<b>HARDWARE LAB &amp; PHP</b>	
<b>Course Code:</b>	<b>IT-406</b>	
<b>Program:</b>	<b>B.TECH</b>	<b>Semester -IV</b>
<b>Credits:</b>	<b>T-0</b>	<b>P-2</b>
<b>Course Outcome</b>	<b>Total-2</b>	
1	Developing low-level operating system code.	
2	Developing benchmarks to evaluate the performance of OSs and application stacks.	
3	Understanding and of evaluating research published in the field of operating system at a level commensurate with	
4		
5		

<b>Course Outcomes</b>	<b>Department -</b>	<b>INFORMATION TECHNOLOGY</b>
<b>Course Title:</b>	<b>SEMINAR &amp; PRESENTATION</b>	
<b>Course Code:</b>	<b>IT-407</b>	
<b>Program:</b>	<b>B.TECH</b>	<b>Semester - III</b>
<b>Credits:</b>	<b>T-0</b>	<b>P -2</b>
<b>Course Outcome</b>	<b>Total -2</b>	
1	Deliver an enthusiastic and well-practised presentation!	
2	Use body language and tone of voice to enhance their presentations	