

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

Course Title:	Computer System Organization		
Course Code:	ECT-302		
Program:	B.Tech.	Semester- III	
Credits:	T-04	P-00	Total-04
Course Outcome			
1	Student will be able to understand Basics of computer organization		
2	Ability to understand CPU and ALU organization.		
3	Student understands data transfer mechanism in input output organization of computer.		
4	Ability to understand memory organization and all typed of memory in computer system.		
5	Ability to study pipeline and vector processing and instruction and arithmetic pipelines.		

Course Title:	Electronic Devices		
Course Code:	ECT-303		
Program:	B.Tech.	Semester- III	
Credits:	T-3	P-2	Total-5
Course Outcome			
1	Fundamental Concepts of Semiconductor Material.		
2	Applications of Various semiconductor diode.		
3	Theory and applications of BJT.		
4	Theory and applications of FET.		
5	Fundamental Concepts of Thyristor Family.		

Course Title:	Electronic Instrumentation		
Course Code:	ECT-304		
Program:	B.Tech.	Semester III	
Credits:	T -04	P-02	Total -06
Course Outcome			
1	To understand about Accuracy,Precision,Sensitivity & different types of meter.		
2	To known about CRO and different electronic components & their testing.		
3	To understand different types of bridges and non electrical quantities transducer.		
4	Basic knowledge about generator,analyzer and beat frequency oscillator.		
5	To understand about ATD and DTA converter and their application.		

Course Title:			
Course Code:	BT-325		
Program:	B.Tech.	Semester - III	
Credits:	T - 04	P - 02	Total - 06
Course Outcome			
1	Apply the knowledge of basic circuit law and simplify the network using reduction techniques.		
2	Analyze the circuit using Kirchhoff's law and Network simplification theorems.		
3	Infer and evaluate transient response, Steady state response, network functions.		
4	Obtain the maximum power transfer to the load , and Analyze the series resonant and parallel resonant circuit.		
5	Obtain the maximum power transfer to the load , and Analyze the series resonant and parallel resonant circuit.		
Course Title: C++ Programming			
Course Code:	BT-306		
Program:	B.Tech.	Semester-III	
Credits:	T-Nil	P-2	Total-2
Course Outcome			
1	Study about the C++ basic structure.		
2	To know about the OOPS methodology.		
3	To give knowledge about the functions and the classes.		
4	To give knowledge about the Inheritance.		
5	To study about the Polymorphism.		

Course Title:	Professional Skill-I		
Course Code:	BT-307		
Program:	B.Tech.	Semester-III	
Credits:	T-Nil	P-2	Total-2
Course Outcome			
1	Team Work and Leadership qualities of a Leader.		
2	Task Planning and its Execution.		
3	Business communication and its necessary skills.		
4	Various forms of Communication.		
5	Report writing and its various formats.		

Course Title:	Software Lab-I		
Course Code:	ECT-308		
Program:	B.Tech	Semester: III	
Credits:	T-Nil	P-2	Total-2
Course Outcome			
1	Basic Electronic circuits (examples rectifiers, clippers, clampers, diode, transistor characteristics etc).		
2	Transient and steady state analysis of RL/ RC/ RLC circuits, realization of network theorems.		
3	Use of virtual instruments built in the software.		
4	Study of fabrication of PCB layout.		
5	Study of designing of PCB layout software.		