



Course Outcomes	Department -	Computer Science & Engineering
Course Title:	MATHEMATICS III	
Course Code:	BT-401	
Program:	B.TECH	Semester - IV
Credits:	T-4 P-0	Total-4
Course Outcome		
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 -	Computer Science & Engineering
Course Title:	COMPUTER ORGANIZATION AND ARCHITECTURE	
Course Code:	CST-402	
Program:	B.TECH	Semester -IV
Credits:	T-4 P-2	Total-6
Course Outcome		
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 -	Computer Science & Engineering
Course Title:	ANALYSIS DESIGN AND ALGORITHM	
Course Code:	CST-403	
Program:	B.TECH	Semester -IV
Credits:	T-4 P-2	Total-6
Course Outcome		
1	Basic knowledge of graph and matching algorithms.	
2	Ability to analyze asymptotic runtime complexity of algorithms including formulating recurrence relations.	
3	Ability to understand and design algorithms using greedy strategy, divide and conquer approach, dynamic programming, and max flow -	
4	Explain what competitive analysis is and to which situations it applies. Perform competitive analysis.	
5	Basic knowledge of computational complexity, approximation and randomized algorithms.	

Course Outcomes	Department -	Computer Science & Engineering
Course Title:	DATA COMMUNICATION	
Course Code:	CST	
Program:	B.TECH	Semester -IV
Credits:	T-4 P-2	Total-6
Course Outcome		
1	Understand the fundamental concepts of data communications and networking.	
2	Apply the knowledge, concepts and terms related to data communication and networking.	
3	Know the strategies for securing network applications.	
4	Appreciate usefulness and importance of computer communication in today life and society.	
5	Acquaint themselves with networking software simulation tools, configuring of networking devices and understand their functionality.	

Course Outcomes	Department -	Computer Science & Engineering
Course Title:	COMPUTER GRAPHICS AND MULTIMEDIA	
Course Code:	CST-403	
Program:	B.TECH	Semester -IV
Credits:	T-4 P-2	Total-6
Course Outcome		
1	To implement various graphics drawing algorithms, 2D-3D transformations and clipping techniques.	
2	To provide comprehensive introduction about computer graphics system, design algorithms and two dimensional transformations.	
3	To make the students familiar with techniques of clipping, three dimensional graphics and three dimensional transformations.	
4	The computer graphics course prepares students for activities involving in design, development and testing of modeling, rendering, shading.	
5	To understand about various latest interactive multimedia devices, the basic concepts about images and image formats.	

Course Outcomes	Department -	Computer Science & Engineering
Course Title:	PROFESSIONAL SKILLS II	
Course Code:	BT-406	
Program:	B.TECH	Semester -IV
Credits:	T-0 P-2	Total-2
Course Outcome		
1	Knowledge of the history of communication and understanding the transformation and progression of communication on society.	
2	Awareness of the self in process and its impact on interaction with others.	
3		
4		
5		

Course Outcomes	Department -	Computer Science & Engineering
Course Title:	JAVA PROGRAMMING	
Course Code:	BT-407	
Program:	B.TECH	Semester -IV
Credits:	T-0 P-2	Total-2
Course Outcome		
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		

Course Outcomes	Department -	Computer Science & Engineering
Course Title:	Dot Net Programming	
Course Code:	BT-418	
Program:	B.TECH	Semester IV
Credits:	T-0 P -4	Total-4
Course Outcome		
1	Introduction to Networking and the world wide web.	
2	Building multi-tier enterprise applications.	
3	Introduction to the .NET framework.	
4	.NET Interoperation services.	
5	Server side programming: Web Forms, ASP.NET Web Services, ADO.NET Data Access.	