

PROGRAM OUTCOMES

- To train the students to get successfully employed in the computing profession or will be actively pursuing advanced degrees in computing or a related discipline.
- To give the students confidence of thorough grounding in the principles and practices of computing, and be properly prepared to engage in further learning.
- To make the students have an understanding of social and ethical issues relating to computer science and information technology, enabling them to be responsible members of their profession and informed citizens.
- To develop the abilities of the students in applying their knowledge and skills to succeed in their careers and/or obtain advanced degrees.
- To train the students to behave ethically and responsibly, and remain informed and involved as full participants in their profession and society.
- To give knowledge to the students to apply principles and practices of computing grounded in mathematics and science.
- To encourage and motivate students to successfully complete software-related projects to meet customer business objectives and/or productively engage in research.

COURSE OUTCOMES :

SNO	SEMESTER-1(P-1)	COURSE OUTCOMES:
1	PROBLEM SOLVING IN C	CO 1: Basic knowledge of computing fundamentals CO 2:Able to develop algorithms for given problems CO 3:Ability to develop C programs that uses arrays, functions, structures and unions. CO 4: Ability to develop basic C programs that uses pointers and files.

2	<p>SEMESTER- II(P-2)</p> <p>DATA STRUCTURES USING C</p>	<p>COURSE OUTCOMES:</p> <p>CO1: Understand available Data Structures for data storage and processing. Design and develop programs using various data structures.</p> <p>CO2: Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms.</p> <p>CO3: Compare alternative implementations of data structures with respect to performance.</p> <p>CO4: Demonstrate different methods for traversing trees Have knowledge on Data Structures basic operations like insert, delete, search, update and traversal.</p> <p>CO5: Computational efficiency of the principal algorithms for sorting, searching, and hashing.</p>
3	<p>SEMESTER – III</p> <p>P -3 DBMS</p>	<p>COURSE OUTCOMES:</p> <p>CO 1: Students will be able to display data, to write subqueries and to use group functions.</p> <p>CO 2:Design and develop database application using ER diagram and normalization.</p> <p>CO 3:Manipulate data using insert , update, and delete commands.</p> <p>CO 4: Create and manage tables and views and applying appropriate constraints.</p>
4	<p>SEMESTER – IV(P-4)</p>	<p>COURSE OUTCOMES:</p>

	OOPS USING JAVA	<p>CO 1: Understand the basic concepts of Procedure–Oriented Programming and object-oriented programming.</p> <p>CO2: Achieve the Knowledge of developing simple java programs.</p> <p>CO3: Develop computer programs to solve real world problems</p> <p>CO4: Design simple GUI interfaces to interact with users, using Applets and swings.</p> <p>CO5: Achieve Knowledge of multi-threading and to comprehend the event-handling techniques.</p>
5	SEMESTER-IV(P-5) OPERATING SYSTEMS	<p>-</p> <p>COURSE OUTCOMES:</p> <p>CO 1 : Knowing computer system resources and the role of operating system in resource management with algorithms. Understanding Operating System architectural design and its services.</p> <p>CO 2: Gaining knowledge of various types of operating systems including Unix and Android. Understanding various process management concepts including scheduling, synchronization, and deadlocks.</p> <p>CO 3: Having basic knowledge about multi-threading. Comprehending different approaches for memory management.</p> <p>CO 4: Understanding and identify potential threats to operating systems and the security features design to guard against them.</p> <p>CO 5 : Specifying objectives of modern operating systems and describe how operating systems have evolved over time. Describing the functions of a contemporary operating system.</p>
6	OLD SYLLABUS- SEM-V(P-5) DBMS	<p>COURSE OUTCOMES:</p> <p>CO 1: knowledge about types of Databases and Database Architecture. Advantages of using Database Management Systems.</p>

		<p>CO 2: Gaining knowledge about Entity-Relationship Model. Building blocks of ER. Studying about EER.</p> <p>CO 3: Acquiring the knowledge of the Relational Model, Types of KEYS and Constraints.</p> <p>CO 4: Ability to query the database using Structured Query Language. Working with commands in SQL. Creating and Querying the database.</p> <p>CO 5: Applying Programming skills with PL/SQL , programming language. Learning about creating Triggers, Cursors, Subprograms, Packages.</p>
7	SOFTWARE ENGINEERING(P-6)	<p>COURSE OUTCOMES:</p> <p>CO 1: Ability to gather and specify requirements of the software projects . Students will be able to decompose the given project in various phases of a lifecycle.</p> <p>CO 2: Ability to analyze software requirements with existing tools Students will be able to choose appropriate process model depending on the user requirements.</p> <p>CO 3: Able to differentiate different testing methodologies Students will be able perform various life cycle activities like Analysis, Design, Implementation, Testing and Maintenance.</p> <p>Co 4: Able to understand and apply the basic project management practices in real life projects.Students will be able to know various processes used in all the phases of the product</p> <p>CO 5: Ability to work in a team as well as independently on software projects Students can apply the knowledge, techniques, and skills in the development of a software product.</p>
8	OLD SYLLABUS SEM-VI (P-7)	COURSE OUTCOMES:

	<p>WEB TECHNOLOGY</p>	<p>CO 1: To understand the web architecture and web services.To design interactive web pages using html and style sheets.</p> <p>CO 2:To acquire knowledge of xml fundamentals and usage of xml technology in electronic data interchange.</p> <p>CO 3:TO Design a static webpage by applying HTML elements .Apply CSS concepts for designing HTML web pages.</p> <p>CO 4:Develop DHTML pages by using JavaScript, JQuery with DOM events .</p> <p>CO 5:Implement a webpage with database connectivity using</p>
<p>09</p>	<p>P- 8 DISTIBUTED SYSTEMS</p>	<p>Java.</p> <p>COURSE OUTCOMES:</p> <p>CO1: To provide hardware and software issues in modern distributed systems.</p> <p>CO2: To get knowledge in distributed architecture, naming, synchronization, consistency and replication, fault tolerance, security, and distributed file systems.</p> <p>CO3: To analyze the current popular distributed systems such as peer-to-peer (P2P) systems will also be analyzed.</p> <p>CO4: To know about Shared Memory Techniques.</p> <p>CO5: Have Sufficient knowledge about file access.</p>
<p>10</p>	<p>P-9 CLOUD COMPUTING</p>	<p>CO6: Have knowledge of Synchronization and Deadlock.</p> <p>COURSE OUTCOMES:</p> <p>CO1: Compare the strengths and limitations of cloud computing</p> <p>CO 2: Identify the architecture, infrastructure and delivery models of cloud computing</p> <p>CO 3: Apply suitable virtualization concept.</p>

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