SKR Government Degree College (W),RAJAMAHENDRAVARAM		
Department of Computer Science 2022-2023		
Programme & Course outcomes		
Programme	**Course**	**Programme outcomes**
BSC	**MPCs& MSCs**	1. An ability to identify, formulate and develop solutions to computational challenges. 2. An ability to design, implement and evaluate a computational system to meet desiredneeds within realistic constraints. 3. An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals. 4. An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession. 5. An ability to communicate and engage effectively with diverse stakeholders. 6. An ability to analyze impacts of computing on individuals, organizations, and society
SEM	**Name of the course**	**Course out comes**
sem-1	Problem Solving in C Lab	Upon successful completion of the course, a student will be able to: • Understand the evolution and functionality of a Digital Computer. • Apply logical skills to analyse a given problem • Develop an algorithm for solving a given problem. • Understand 'C' language constructs like Iterative statements, Arrayprocessing, Pointers. • Apply 'C' language constructs to the algorithms to write a 'C' languageprogram.
sem-2	Data Structures using C Lab	Upon successful completion of the course, a student will be able to: • Understand available Data Structures for data storage and processing. • Comprehend Data Structure and their real-time applications - Stack,Queue, Linked List, Trees and Graph • Choose a suitable Data Structures for an application • Develop ability to implement different Sorting and Search methods.
sem-3	Database Management System Lab	Upon successful completion of the course, a student will be able to: • Gain knowledge of Database and DBMS. • Understand the fundamental concepts of DBMS with special emphasis onrelational data model. • Demonstrate an understanding of normalization theory and apply suchknowledge to the normalization of a database.

Sem-4	Object Oriented Programming using Java	Understand the benefits of a well-structured program • Understand different computer programming paradigms • Understand underlying principles of Object-Oriented Programming in Java • Develop problem-solving and programming skills using OOP concepts • Develop the ability to solve real-world problems through software developmentin high-level programming language like Java.
	Operating Systems	Upon successful completion of the course, a student will be able to: • Know Computer system resources and the role of operating system in resourcemanagement with algorithms • Understand Operating System Architectural design and its services. • Gain knowledge of various types of operating systems including Unix andAndroid. • Understand various processmanagement concepts including scheduling, synchronization, and deadlocks. • Have a basic knowledge about multithreading.
SEM-5	(6A) Web Interface Designing Technologies	Understand concepts of boundary conditions and quantization, probability distribution, most probable values, uncertainty and expectation values · Application Of Quantization To Spectroscopy. · Various types of spectra and their use in structure determination.
	(7A) Web Applications Development using PHP& MYSQL	Students after successful completion of the course will be able to: 1. Write simple programs in PHP. 2. Understand how to use regular expressions, handle exceptions, and validate data usingPHP. 3. Apply In-Built functions and Create User defined functions in PHP programming. 4. Write PHP scripts to handle HTML forms. 5. Write programs to create dynamic and interactive web based applications using PHPand MYSQL.