

GOVERNMENT DEGREE COLLEGE::TIRUVURU

Department of Computer Science

Subject: Computer Science Course Outcomes

Sl.No.	Semester	Course Code	Course Title		Course Outcomes(COs)
1	I	CSC001	Problem Solving with C	CO1	Understand the evolution and functionality of a Digital Computer.
				CO2	Apply logical skills to analyse a given problem
				CO3	Develop an algorithm for solving a given problem.
				CO4	Understand 'C' language constructs like Iterative statements, Array processing, Pointers, etc.
				CO5	Apply 'C' language constructs to the algorithms to write a 'C' language program.
2	II	CSC002	Data Structures Using C	CO1	Understand available Data Structures for data storage and processing.
				CO2	Comprehend Data Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph
				CO3	Choose a suitable Data Structures for an application
				CO4	Develop ability to implement different Sorting and Search methods
				CO5	Have knowledge on Data Structures basic operations like insert, delete, search, update and traversal
4	III	CSC003	DBMS	CO1	Gain knowledge of Database and DBMS.
				CO2	Understand the fundamental concepts of DBMS with special emphasis on relational data model.
				CO3	Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database
				CO4	Model database using ER Diagrams and design database schemes based on the model.
				CO5	Create a small database using SQL.
5	IV	CSC004	Object Oriented programming through Java	CO1	Understand the benefits of a well-structured program
				CO2	Understand different computer programming paradigms
				CO3	Understand underlying principles of Object-Oriented Programming in Java
				CO4	Develop problem-solving and programming skills using OOP concepts
				CO5	Develop the ability to solve real-world problems through software development in high-level programming language like Java

6	IV	CSC005	Operating Systems	CO1	Know Computer system resources and the role of operating system in resource management with algorithms
				CO2	Understand Operating System Architectural design and its services.
				CO3	Gain knowledge of various types of operating systems including Unix and Android.
				CO4	Understand various process management concepts including scheduling, synchronization, and deadlocks.
				CO5	Have a basic knowledge about multi threading.
7	VI	CSC006	Web Interface Designing Technologies	CO1	Understand and appreciate the web architecture and services
				CO2	Gain knowledge about various components of a website
				CO3	Demonstrate skills regarding creation of a static website and an interface to dynamic website
				CO4	Learn how to install word press and gain the knowledge of installing various plugins to use in their websites
8	VI	CSC007	Web Applications Development using PHP & MYSQL	CO1	Write simple programs in PHP
				CO2	Understand how to use regular expressions, handle exceptions, and validate data using PHP
				CO3	Apply In-Built functions and Create User defined functions in PHP programming
				CO4	Write PHP scripts to handle HTML forms
				CO5	Write programs to create dynamic and interactive web based applications using PHP and MYSQL