SGK GOVERNMENT DEGREE COLEGE, VINUKONDA

DEPARTMENT OF COMPUTER SCIENCE

COURSE OUTCOMES

S.No	Course Code	Course Name	Co Number	Course Outcomes
1	CSC1SK	PROBLEM SOLVING IN 'C'	1	Understand the evolution and functionality of a Digital Computer.
			2	Apply logical skills to analyze a given problem
			3	Develop an algorithm for solving a given problem.
			4	Understand „C" language constructs like Iterative statements, Array processing, Pointers, etc.
			5	Apply „C" language constructs to the algorithms to write a „C" language program
2	CSC2SK	DATA STRUCTURES USING 'C'	1	Understand available Data Structures for data storage and processing.
			2	ComprehendData Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph
			3	Choose a suitable Data Structures for an application
			4	Develop ability to implement different Sorting and Search methods
			5	Have knowledge on Data Structures basic operations like insert, delete, search, update and traversal
			6	Design and develop programs using various data structures
			7	Implement the applications of algorithms for sorting, pattern matching etc.
3	CSC3SK	DATABASE MANAGEMENT SYSTEMS	1	Gain knowledge of Database and DBMS.
			2	Understand the fundamental concepts of DBMS with special emphasis on relational data model

			3	Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database
			4	Model database using ER Diagrams and design database schemas based on the model.
			5	Create a small database using SQL
			6	Store, Retrieve data in database
4	CSC4SKA	OBJECT ORIENTATED PROGRAMMING THROUGH JAVA	1	Understand the benefits of a well-structured program
			2	Understand different computer programming paradigms
			3	Understand underlying principles of Object-Oriented Programming in Java
			4	Develop problem-solving and programming skills using OOP concepts
			5	Develop the ability to solve real-world problems through software development in high-level programming language like Java
5	CSC4SKB	OPERATING SYSTEMS	1	Know Computer system resources and the role of operating system in resource management with algorithms
			2	Understand Operating System Architectural design and its services.
			3	Gain knowledge of various types of operating systems including Unix and Android
			4	Understand various process management concepts including scheduling, synchronization, and deadlocks.
			5	Have a basic knowledge about multithreading.
			6	Comprehend different approaches for memory management
			7	Understand and identify potential threats to operating systems and the security features design to guard against them.
			8	Specify objectives of modern operating systems and describe how operating systems have evolved over time.
			9	Describe the functions of a contemporary operating system

S.No	Course Code	Course Name	Co Number	Course Outcomes
6	CSC5SKA	Internet of Things	1	Appreciate the technology for IoT
			2	Understand various concepts, terminologies and architecture of IoT systems.
			3	Understand various applications of IoT
			4	Learn how to connect various things to Internet.
			5	Learn the skills to develop simple IOT Devices.
			6	Learn how to use various sensors and actuators for design of IoT.
7	CSC5SKB	APPLICATION DEVELOPMENT USING PYTHON	1	Understand and appreciate the web architecture and services.
			2	Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
			3	Demonstrate proficiency in handling Strings and File Systems.
			4	Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.
			5	Interpret the concepts of Object-Oriented Programming as used in Python.
			6	Apply concepts of Python programming in various fields related to IOT, Web Services and Databases in Python.