V.V.GIRI GOVT. KALASALA

DUMPAGADAPA, W.G.Dist., (via) AKIVIDU - 534 235

Accredited by NAAC @ B+

College Code : **AKNU323**

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DEPARTMENT OF COMPUTER SCIENCE

Course Name	CO	Description
SEM-I	**CO1**	Understand the evolution and functionality of a Digital Computer. Apply logical skills to analyse a given problem
	CO2	Develop an algorithm for solving a given problem.
	CO3	Understand 'C' language constructs like Iterative statements, Arrayprocessing, Pointers
	CO4	. Apply 'C' language constructs to the algorithms to write a 'C' languageprogram
	CO5	. Apply logical skills to analyse a given problem
SEM-II	**CO1**	Understand available Data Structures for data storage and processing.
	CO2	Choose a suitable Data Structures for an application
	CO3	Develop ability to implement different Sorting and Search methods

	CO4	Have knowledge onData Structures basic operations like insert, delete,search,update and traversal
	CO5	Comprehend Data Structure and their real-time applications - Stack,Queue, Linked List, Trees and Graph
SEM-III	**CO1**	Gain knowledge of Database and DBMS
	CO2	understand the fundamental concepts of DBMS with special emphasis onrelational datamodel.
	CO3	. Demonstrate an understanding of normalization theory and apply suchknowledge to the
	CO4	normalization of a database Model data base using ER Diagrams and design database schemas based on the model.
	CO5	Create a small database using SQL

SEM-IV	**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 developmentin high-level programming language like Java

SEM-IVB	**CO1**	Know Computer system resources and the role of operating system in resourcemanagement with algorithms Understand Operating System Architectural design and its servicesUnderstand various processmanagement concepts including scheduling
	CO2	. Gain knowledge of various types of operating systems including Unix andAndroid.
	CO3	synchronization, and deadlocks. Have a basic knowledge about multithreading
	CO4	. Comprehend different approaches for memory management
	CO5	Understand and identify potential threats to operating systems and the securityfeatures design to guard against them.

SEM-VA	**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 pluginsto use in their website

SEM-VB	**CO1**	Write simple programs in PHP
	CO2	Understand how to use regular expressions, handle exceptions, and validate data usingPHP
	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 PHPand MYSQL.