

# G.VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS)

(Re-Accredited with "A" Grade by NAAC)

Department of BCA

## U23CA6OE - COMPUTER BASICS

Course Code	Course Title	Category	Lecture	Tutorial	Practical	Credit
U23CA6OE	COMPUTER BASICS	Open Elective Self-Study Course	0	0	0	3

Year	Semester	Internal Marks (CIA)	External Marks (ESE)	Total Marks
III	VI	0	100	100

### Course Objective

- The learning objective of the basics of computer to understand the basic concepts of computer system, know the uses of computers in various fields, understand the computing process, understand the characteristics of computers, the classification of computers, discuss various generations of computers, understand the various functions of CPU, know the concept of Virtual Memory

### Course Outcomes (COs)

On the completion of the course the student will be able to

CO	Course Outcome	Knowledge Level (RBT)
CO1	evaluate the MS word program in simple concept.	K1,K2,K3,K4,K5
CO2	remember the basic components of a computer along with their functions.	K1,K2,K3,K4,K5
CO3	understand the differentiate input, output and storage devices.	K1,K2,K3,K4,K5
CO4	apply the various memory accessing modes in computer	K1,K2,K3,K4,K5
CO5	analyze the different ports used to connect various components of a compute	K1,K2,K3,K4,K5
CO6	evaluate the MS word program in simple concept.	K1,K2,K3,K4,K5

K1–Remember; K2–Understand; K3–Apply; K4–Analyze; K5–Evaluate; K6–Create

### CO-PO and CO-PSO Mapping (Course Articulation Matrix)

COs	POs							PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
Total	0	0	0	0	0	0	0	0	0	0

(3-Strong, 2-Medium, 1-Low, -No Correlation)

### Course Content

#### Unit 1 Fundamentals of Computers

SelfStudy

Model of a digital computer, functioning of a digital computer, Historical evolution of computers, Classification of computers: According to Purpose, According to Technology, According to Size and Storage Capacity, Human being v/s Computer.

#### Unit 2 Input output devices Storage devices

SelfStudy

Input Devices: Mouse, Keyboard, Light pen, Track Ball, Joystick, MICR, Optical Mark Reader and Optical Character Reader Scanners, Voice system, Web Camera. Output Devices: Hard Copy

#### Unit 3 Output Devices

SelfStudy

Line Printers, Character Printers, Chain Printers, Dot-matrix Printers, Daisy Wheel Printer, Laser Printers, Ink Jet Printers; Plotters, Soft Copy device – Monitor, Sound Cards and speakers.

**Unit 4 Introduction to windows****SelfStudy**

Types of windows, Windows as an operating system, Windows explorer, using clipboard, using paint brush, control panel installing a printer.

**Unit 5 MS-WORD****SelfStudy**

Fundamentals of MS-WORD: Menus, Toolbars, Ruler Scroll bar, creating, Editing saving. Importing Exporting and insert fig files, Working with Frames, Columns, Pictures, Tables, Macros and Mail Merge.

**Text Books**

1. Introduction of Information System ALEXISLEON.
2. Computer Fundamentals-Nasib Singh Gill.

**Course Designer**

**Mrs.A.Rajeswari, Assistant Professor of Computer Applications**