COURSE OUTCOMES

OF

DIPLOMA IN COMPUTER APPLICATION

(DCA)

VISION

To empower the graduates to be technologically adept, innovative, self-motivated and responsible citizens, possessing human values and contribute significantly towards being a center of excellence in providing globally standard education, through a conducive Teaching and Learning environment, that responds swiftly to the challenges of the ever-changing world.

MISSION

- To achieve academic excellence by imparting in-depth knowledge to the students through effective pedagogies and hands on experience on latest tools and technologies.
- To prepare students to be continuous learners in a connected world and imbibe professional skills and ethical responsibilities in them. To strengthen the Industry-Academia interface that will help the graduates to emerge as leaders in academics or an inspiring revolutionary in entrepreneurship.
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COURSE OBJECTIVES

The Diploma in Computer Applications (DCA) is a one-year diploma course in computer applications that includes **studying numerous computer applications such as MS Office, Internet Applications, Operating System, Database Management System (DBMS), and HTML.**

DCA – 1st Semester

Paper	Name of Paper
DCA 101	Essentials of Information Technology and OS
DCA 102	Essentials of Office Automation
DCA 103	Programming in 'C' Language

Course Outcomes

Paper	Name of Paper	Course Outcomes
DCA 101	Essentials of Information Technology and OS	**CO 1** Understand about computers and their types. **CO 2** Learn about basic organization of a computer system. **CO 3** Understand the concept of operating system and its functions. **CO 4** Gain knowledge about WINDOWS OS. **CO 5** Gain knowledge about LINUX OS.
DCA 102	Essentials of Office Automation	**CO 1** Understanding about WINDOWS OS and desktop. **CO2** Learn to format a document using WORD and manipulate data using EXCEL. **CO 3** Learn to create presentation using Power Point. **CO 4** Learn to access and manipulate database using MS Access. **CO 5** Learn to manage accounts using Tally Software.
DCA 103	Programming in 'C' Language	**CO 1** Learn basics of programming in 'C' Language. **CO 2** Learn about various operators and expressions in 'C' Language. **CO 3** Learn to use control structures for repetitive execution of commands. **CO 4** Learn to use functions and arrays for collection of data and modularization of programs. **CO 5** Learn to use pointers for easily accessing data.

DCA – 2nd Semester

Paper	Name of Paper
DCA 105	GUI - Programming in Visual Basic
DCA 106	E-Commerce

DCA 107	HTML & Internet Applications

Course Outcomes

Paper	Name of Paper	Course Outcomes
DCA 105	GUI - Programming in Visual Basic	**CO 1** Understand the basic concepts of Visual Basic and event driven programming. **CO 2** Learn about control structures and arrays. **CO 3** Learn to program using procedures and functions. **CO 4** Learn to use advanced controls and graphic controls. **CO 5** Learn to access and manipulate data using ADO controls.
DCA 106	E-Commerce	**CO 1** Understand about E-Commerce and its environment. **CO 2** Understand about Electronic Data Interchange and its overview. **CO 3** Understand the need and ways of protection of data. **CO 4** Learn about E-Commerce payment systems. **CO 5** Learn about various Business Models.
DCA 107	HTML & Internet Applications	**CO 1** Learn about designing webpages using basic HTML tags. **CO 2** Learn to structure a document using HTML tags. **CO 3** Learn to link webpages using linking tags. **CO 4** Learn to create websites and uploading, downloading, and hosting websites. **CO 5** Understand the internet, its applications and search engines.