PROGRAM OUTCOMES OF DCA

- It will equip the students with skills required for developing applications inInformation Technology.
- The DCA is aimed at graduate with a computing background and provide a detailed coverage of the key concepts and challenges in data.
- Students will able to learn the latest trends in various subjects of computer.
- Design and develop applications to analyze and solve all computer science related problems.
- Able to provide socially acceptable technical solution to real world problems with the application of modern and appropriate programming techniques.
- Design application for any desired needs with appropriate considerations for any specific need.

Course Outcomes:

1st semester

DCA -101: essential of Information technology & OS

- Familiarity with parts of computer
- Understand the input and output devices.
- Appreciate the role of operating system as system software.
- Understand the fundamental hardware component that makeup a computer"s hardware and the role of each of these components.
- Understanding the difference between an operating system& application program.
- Basic ideas of storage devices, computer networks and programming languages.

DCA – 102: Essentials of Office Automation

- Understand the basic terminologyof computers.
- Understand he practical concepts of MS Word, MS Excel, MS PowerPoint and MS access.
- Understanding the concept of Tally.

DCA – 103: Programming in C language.

- Understand the fundamentals of C programming.
- Students will acquire knowledge and skills of programming.
- Student will be able to develop logics which will help them to create programs, Applications in C language

- Also by learning the basic programs construct they can easily switch to any otherlanguages in future.

DCA – 104: Practical based on DCA 102 & 103.

- To prepare students in understanding computer basics & to make aware of essentials ofoffice automation using MS office.
- To study basic concept of C programming &perform specific program on differenttopics with outputs.

2nd semester

DCA – 201: GUI – Programming in Visual Basic.

- Design, Create, Build and Debug visual basic application.
- Explore Visual Basic"s IDE- Integrated Development Environment.
- Write and apply decision structures for determining different operations.
- Understand how to apply loop structures to perform repetitive task.
- Understand how to apply procedure, sub procedure, function to create manageabletasks.

DCA – 202: E- commerce

- Demonstrate and understanding of the foundation & importance of E-Commerce.
- Analyze the impact of E-Commerce on business model and strategy.
- Describe the infrastructure of E– commerce.
- Describe the key features of internet, intranet and extranet & explain how they relate toeach other.
- Discuss legal issues and privacy in e- commerce.
- Recognize and discuss global E-Commerce.

DCA – 203: HTML & Internet application

- Understands the basics of HTML and Website design Principles.
- Understands the concept of dynamic webpages and how to link it.

DCA – 204: practical based on DCA 201 and DCA 203

- To prepare students to acquire frontend development skill using visual basic.
- Prepare student in web designing using various web tools.

PGDCA – Post Graduate Diploma in Computer Application Program Outcomes

PO1: Students are eligible to pursue MCA (Lateral Entry) and apply for jobs in various multinational companies, industries, banks.

PO2: They can start their own business in web development and software development.

PO3: Students are able to use their knowledge to develop different web and windows based applications.

PO4: Students can create database, websites and applications for their clients.

PO5: Students can also pursue the career of computer operators.

PO6: Students can also become network administrators

PGDCA – Post Graduate Diploma in Computer Application

CO1: The students acquire knowledge about basics and fundamentals of information technology, basic programming concepts of procedure oriented and object oriented languages (C and Java), fundamentals of web programming (HTML, CSS, JavaScript and PHP), Database management system, computer networking and computer based accounting information.

CO2: Students learn to develop and debug codes in different languages.

CO3: Students are able to design web based applications using PHP, HTML, DHTML, CSS and JavaScript.