Post Graduate Diploma in Computer Applications (PGDCA)

Program Specific Outcome of PGDCA

PSO 1 Demonstrate the technical knowhow in field of IT Application.

PSO 2 Design and develop basic IT Application as per customer requirements.

PSO 3 Work as a team member and team leader as an when needed.

PSO 4 Render efficient skills to climb the hierarchy of an organization.

PSO 5 Exhibit skills for a continuous and lifelong learning.

PSO 6 Understand and dispatch his Professional and Ethical responsibilities towards self and Society at large.

Course Outcome

Semester-1

Course: Introduction to Information Technology

CO1. Understand business areas to which computers may be applied.

CO2. Provide an introduction to business organization and information systems.

CO3. Develop the skills in communication, verbal and written, which play an important part in Business computing and information processing.

Course: Operating Systems

CO1. Learn the mechanisms of OS to handle processes and threads and their communication Use Different data types, operators and console I/O function in a computer program.

CO2. Learn the mechanisms involved in memory management in contemporary OS.

CO3. Gain knowledge on distributed operating system concepts that includes Architecture, deadlock detection algorithms and agreement protocols.

CO4. Understand different approaches to memory management.

CO5. Understand the structure and organization of the file system.

Course: Computer Programming using C

CO1. Use different data types, operators and console I/O function in a computer program.

CO2. Design programs involving decision control statements, loop control statements and case Control structures.

CO3. Understand the implementation of arrays, pointers and functions and apply the dynamics of Memory by the use of pointers. Comprehend the concepts of structures and classes: Declaration, initialization and implementation.

CO4. Apply basics of object oriented programming, polymorphism and inheritance.

CO5. Use the file operations, character I/O, string I/O, file pointers, pre-processor directives and Create/update basic data file.

Course Outcome

Semester II

Course: Object Oriented Programming with C++

CO1. Familiarization with a widely used programming concept – Object Oriented Programming.

CO2. Develop logical thinking.

CO3. Skill to write codes in C++ by applying concept of OOP, such as Objects, Classes, Constructors, Inheritance etc., to solve mathematical or real world problems.

CO4. Ability to isolate and fix common errors in C++ programs.

Course: Database Management System with MS Access

CO1. Familiarization with Database Management System.

CO2. Comprehensive knowledge of database models.

CO3. Ability to design database using MS-ACCESS.

Course: Fundamental of Computer networks, Internet and Scripting language

CO1. Comprehensive knowledge of Internet and its working.

CO2. Ability to use services offered by internet.

CO3. Skill to develop websites using HTML and DHTML.