HOLY CROSS WOMEN'S COLLEGE

(Affiliated to Sant Gahira Guru Vishwavidyalaya Sarguja)
Ambikapur - 497001, Distt. - Surguja (Chhattisgarh)

College Code - 3431

PGDCA (Post Diploma in Computer Application)

Paper- I Introduction to Software Organization

Course outcome- The learner will be able-

- To describe the fundamental concepts of computers with the present level of knowledge of the students.
- To explain the fundamental components of computer system soft ware.
- To talk about the computer default packages.

Paper- II Programming in C and C++

Course outcome- the learner will be able-

- To explain the fundamentals of C programming.
- To choose the loops and decision-making statements to solve the problem.
- To apply the different Operations on arrays.
- To use functions to solve the given problem.
- To use practically pointers, structures and unions.
- To describe the basic concepts and components of Object-Oriented Programming, C++

Paper- III DBMS (SQL/Oracle)

Course outcome- The learner will be able -

- To explain the database concepts and database management system software.
- To describe the major DBMS components and their function.
- To write SQL commands to create tables and indexes, insert/update/delete data, and query data in a relational DBMS.

Paper- IV GUI Programming in Visual Basic-

Course Outcome- The learner will be able-

- To explain the concepts of visual programming. To introduce GUI programming using Microsoft Visual Basic.
- To demonstrate the programs and simple application using VB.
- To discuss the software package using VB

Paper- V Programming in Java

Course outcome- The learner will be able-

- To explain the integrated development environment to write, compile, run, and test simple object-oriented Java programs.
- To read and make elementary modifications to Java programs that solves real-world problems.
- To validate input in a Java program.

Paper- VI Essentials of E-Commerce

Course outcome- The learner will be able –

- To explain about the E-Commerce, E-Market, EDI, Business Strategies etc.,
- To describe the concepts and various application issues of e-business like Internet infrastructure, security over internet, payment systems and various online strategies for E- business.
- To discuss about HTML and Web development.