Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)

Department of Computer Science

Course Outcomes (Cos)

Semester-I

Course I- Problem Solving using Computers & Database Management System-I(DSC-1006A)

After completing course I the student will be able to ..

CO1	Learn and Understand Basics of Programming Languages and Database Management Systems.
CO2	Learn and understand basics of Python Programming and Concepts of Database Management System.
CO3	Design small problems using Python Programming Language and DBMS Environment.
CO4	Solve and Analyze small problems with different problem-solving techniques.
CO5	Explain and Justify problem solving techniques and concepts
CO6	Create simple programs and Build simple database queries

Semester-II

Course II- Problem Solving using Computers & Database Management System-II(DSC-1006B)

After completing course II the student will be able to ..

CO1	Learn and understand the related and extended concepts of Python Programming and Database Management System
CO2	Design complex problems using Python Programming Language and DBMS Environment.
CO3	Recognize and identify the different concepts available in Python programming and DBMS
CO4	Solve and Analyze complex problems with different problem-solving techniques.
CO5	Explain and Justify problem solving techniques and concepts
CO6	Formulate, Construct and Demonstrate case studies.

Semester-III

Course III- Operating System and Object-Oriented Programming (DSC-1006C)

After completing course III the student will be able to ..

CO1	Learn and understand the basics of operating system and Object-Oriented programming concepts.
CO2	Learn and understand the basics of LINUX operating system and Object-Oriented programming concepts using Python.
CO3	Define, Discuss and Explain the concepts of OS and features of OOPs
CO4	Illustrate and construct Linux commands and basics of OOPs
CO5	Solve and Analyse problems with object-oriented concepts
CO6	Compile, Design and Construct case studies

Semester-IV

Course IV- Operating System and Data Structures (DSC-1006D)

After completing course IV the student will be able to ..

CO1	Learn and understand the related and extended concepts of OS and basics of Data Structures.
CO2	Learn and understand the concepts of LINUX scripting and data structures.
CO3	Illustrate and construct Linux shell scripts and different types of data structures in Python
CO4	Solve and Analyse problems using shell scripts and different types of data structures
CO5	Explain and Determine scope of shell scripting and data structures in different applications
CO6	Construct and Build case studies of shell scripting and Data Structures