"DisseminationofEducationforKnowledge,ScienceandCulture"
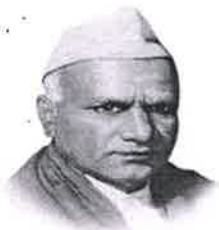**-ShikshanmaharshiDr.BapujiSalunkhe**

ShriSwamiVivekanandShikshanSanstha's
VivekanandCollege,Kolhapur(Autonomous)
Departmentof Bachelor of Computer Application

(स्वायत्त) कोल्हापूर

Course Outcomes (2022-23)

BCA-II Sem-III

Name of Course- Object Oriented Programming with C+

Course Code- CC-BCA-1405C

Course Outcomes	
1	Understand the features of C++ supporting object oriented programming
2	Understand the relative merits of C++ as an object oriented programming language
3	Understand how to apply the major object-oriented concepts to implement object oriented programs in C++, encapsulation, inheritance and polymorphism
4	Understand advanced features of C++ specifically stream I/O and file handling.

Name of Course- Software Engineering

Course Code- CC-BCA-1406C

Course Outcomes	
1	Compare and chose a process model for a software project development.
2	Identify requirements analyze and prepare models.
3	Prepare the SRS, Design document, Project plan of a given software system.
4	Work as an individual and as part of a multidisciplinary team to develop and deliver quality software.

Name of Course- RDBMS with Oracle

Course Code- CC-BCA-1407C

Course Outcomes	
1	Enhance the knowledge and understanding of database analysis and design
2	Enhance programming skills and techniques using SQL and PL/SQL
3	Use the relational Model and how it is supported by SQL and PL/SQL
4	To solve database problems using SQL and PL/SQL by using Cursors and Triggers.

Name of Course- Entrepreneurship Development

Course Code- CC-BCA-1408C

Course Outcomes	
1	Examine the characteristics of an entrepreneur as well their role in economic development of the country.
2	To facilitate a clear perspective to diagnose and effectively handle human behaviour issues in organizations.
3	To know insight into their own behaviour in interpersonal and, group, team, situations.
4	On completion of this course students should be able to start their own business

Name of Course- Mathematics Foundation

Course Code –AECC-BCA-1409C

Course Outcomes	
1	Ability to apply mathematical logic to solve problems.
2	Understand sets, relations, functions, and discrete structures.
3	Able to use logical notation to define and reason about fundamental mathematical concepts such as sets, relations, and functions.
4	Able to formulate problems and solve recurrence relations.
5	Able to model and solve real-world problems using graphs and trees.

Name of Course- Object Oriented Programming with C++ Practical

Course Code - CCL-BCA-1410C

Course Outcomes	
1	Implement object oriented programming concepts using C++ Language.
2	Apply the principles of virtual functions and polymorphism.
3	Analyzing and handling files using C++.
4	Implement concept of Function Overloading and Operator Overloading.

Name of Course- RDBMS with Oracle Practical

Course Code - CCL-BCA-1411C

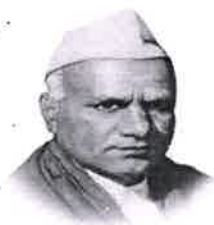| Course Outcomes	
1	Translate an information model into a relational database schema and to implement the schema using RDBMS.
2	Apply relational database theory to create database tables for SQL queries.
3	Apply advanced SQL features like views, indexes, synonyms, etc. for database management.
4	Analyze PL/SQL structures using PL/SQL block: functions, procedures, cursors and triggers for database applications.

Name of Course- PHP - I

Course Code - BCA-SEC-I

Course Outcomes	
1	Implement basic functions of PHP.
2	Design a responsive web site using PHP, HTML and CSS3.
3	Analyze the construction of a web page and relate how PHP and HTML combine to produce the web page.
4	Compare and contrast PHP variable types, and relate the advantages and disadvantages of PHP variables with local or global scope.

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Course Outcomes (2022-23)
BCA- II Sem- IV

Name of Course- Data Structure Using C++

Course Code - CC-BCA-1412D

Course Outcomes	
1	Use and implement appropriate data structure for the required problems using a programming language such as C++.
2	Write programs for various searching & sorting techniques.
3	Implementing various data structures viz. Stacks, Queues.
4	Implementation of Linked Lists and Trees.

Name of Course- Advanced Web Technology

Course Code– CC-BCA-1413D

Course Outcomes	
1	Understand Web designing techniques.
2	Develop commercial web development.
3	Organize content, hosting and web publishing.
4	Create well-formed valid HTML documents.

Name of Course- Principles of Marketing

Course Code – CC-BCA-1414D

Course Outcomes	
1	Understand the marketing concepts and its evolution.
2	Know the consumer behaviour and their decision making process.
3	Make decision on product, price, promotion mix and distribution.
4	Set standard and measure service quality and productivity.

Name of Course- E-Commerce

Course Code – CC-BCA-1415D

Course Outcomes	
1	To understand the features, functions and common practices of E-Commerce.
2	To understanding on how internet can help business grow.
3	To understanding on the importance of security, privacy, and ethical issues as they relate to E-Commerce.
4	To understanding on how innovative use of the E-Commerce can help developing competitive advantage.

Name of Course- Computer Oriented Statistical Methods

Course Code – AECC-BCA-1416D

Course Outcomes	
1	Have the versatility to work effectively in a broad range of analytic, scientific, government, financial, health, technical and other positions.
2	Recognize the importance and value of mathematical and statistical thinking, training, and approach to problem solving, on a diverse variety of disciplines.
3	Recognize and appreciate the connections between theory and applications.
4	Be able to independently read mathematical and statistical literature of various types, including survey articles, scholarly books, and online sources;

Name of Course- Lab Course based Data Structure using C++

Course Code– CCL-BCA-1417D

Course Outcomes	
1	Choose appropriate data structure to represent data items in real world.
2	Design programs using data structures like stack, queues, binary tree.
3	Develop programs of searching and sorting.
4	Develop programs using static and dynamic implementation.

Name of Course- Lab Course based Advanced Web Technology

Course Code– CCL-BCA-1417D

Course Outcomes	
1	Choose appropriate data structure to represent data items in real world.
2	Design programs using data structures like stack, queues, binary tree.
3	Develop programs of searching and sorting.
4	Develop programs using static and dynamic implementation.

Name of Course- Mini Project

Course Code – CCL-BCA-1418 D

Course Outcomes	
1	Understand how to identify the issues and challenges of industry.
2	Prepare report on the application of emerging technologies in the selected industry.
3	Implement hardware and/or software techniques for identified problems.
4	Test and analyze the modules of planned project.

Name of Course- PHP – II
Course Code - BCA-SEC-II

Course Outcomes	
1	Analyze PHP scripts and determine their behavior.
2	Construct PHP scripts to create dynamic web content.
3	Create PHP scripts capable of inserting and modifying data in a MySQL database.
4	Design web pages with the ability to retrieve and present data from a MySQL database.