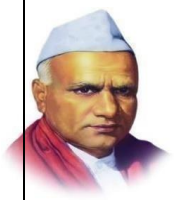

"Dissemination of Education for Knowledge, Science and Culture"
-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur (Autonomous)
Department of Bachelor of Computer Application

Course Outcomes (2024-25)

BCA-I (Semester-I)

Name of Course- Mathematics Foundation to Computer Science - I

Course Code- CC101

After completion of these course students will able to:

Course Outcomes	
1	Provide a basic understanding of fundamental mathematical concepts such as sets, functions, matrix algebra, and discrete mathematics.
2	This course enables the students to use mathematical models and techniques to analyze and understand problems in computer science.
3	This course demonstrates how the mathematical principles give succinct abstraction of computer science problems and help them to efficiently analyze.

Name of Course- Problem Solving Techniques
Course Code- SEC101
After completion of these course students will able to:

Course Outcomes	
1	Understand basic terminology of computers, problem solving, programming Languages and their evolution (Understand)
2	Create specification from problem requirements by asking questions to disambiguate the requirement statement. (Create)
3	Design the solution from specification of a problem and write pseudo code of the algorithm using basic building blocks or structured programming constructs (Sequence, Selection and Repetition statement). (Create)
4	Translate an algorithm into a C computer program (Create).
5	Testing and analyzing programs using debugging tools. (Analyze)

Name of Course- Computer Architecture
Course Code- CC102
After completion of these course students will able to:

Course Outcomes	
1	To Understand the basics of Digital Electronics and Binary Number
2	To Learn the implementation of Combinational Circuit.
3	To Learn the implementation of Sequential Circuit.
4	To Understand the Organization of basic computers.

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Name of Course- General English – I
Course Code- AEC 101
After completion of these course students will able to:

Course Outcomes	
1	To provide learning environment to practice listening, speaking, reading and writing skills
2	To assist the students to carry on the tasks and activities through guided instructions and materials.
3	To effectively integrate English language learning with employability skills and training
4	To provide hands-on experience through case-studies, mini-projects, group and individual presentations.

Name of Course- Lab course- Problem Solving Techniques
Course Code- CC101
After completion of these course students will able to:

Course Outcomes	
1	Implement object oriented programming concepts using C Language
2.	Analyzing and handling files using C+.
3.	Implement basic concept of C programming language.

Name of Course- Lab course -Computer Architecture
Course Code- CC102
After completion of these course students will able to:

Course Outcomes	
1	Understand the implementation of Combinational Circuit.
2	Create implementation of Sequential Circuit..
4	Able understand the concept of memory organization

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(Mr.V.B.Pujari)
HEAD
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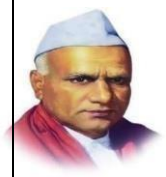

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Department of Bachelor of Computer Application

Course Outcomes (2024-25)

BCA-I (Sem-II)

Name of Course- Mathematics Foundation to Computer Science - II

Course Code- CC103

After completion of these course students will able to:

Course Outcomes	
1	This course helps the students to understand correct lines of arguments and proofs.
2	This course introduces mathematical techniques that are foundations for understanding advanced computational methods, including numerical methods and optimization.
3	This course helps the students to understand various problem-solving strategies and methods to tackle both theoretical and practical challenges in computer science.

Name of Course- Data Structures

Course Code- CC104

After completion of these course students will able to:

Course Outcomes	
1	Understand the fundamental concepts of Data Structures and their applications.
2	Develop problem-solving skills using Data Structures
3	Implement Data Structures using C programming language.

Name of Course- Operating Systems

Course Code- CC105

After completion of these course students will able to:

Course Outcomes	
1	Explain the fundamentals of the operating system.
2	Comprehend multithreaded programming, CPU scheduling, process management, process synchronization, memory, deadlocks, and storage management.
3	Compare the performance of CPU scheduling algorithms.
4	Identify the features of I/O and File handling methods.

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Name of Course- Object Oriented Programming using Java

Course Code- SEC102

After completion of these course students will able to:

Course Outcomes	
1	To introduce the object oriented programming system concepts
2	To introduce syntax and semantics of Java programming language
3	To develop modular programs using Java .
4	To setup JDK environment to create, debug and run Java programs

Name of Course- Lab course- Data Structure

Course Code- CC104

After completion of these course students will able to:

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 -Object Oriented Programming using Java

Course Code- SEC102

After completion of these course students will able to:

Course Outcomes	
1	Able to understand object oriented programming system concepts
2	Design programs using syntax and semantics of Java programming language
3	Develop programs of searching and sorting.
4	Develop programs using setup JDK environment to create, debug and run Java programs

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