	MVP Samaj's
	Commerce, Management and Computer Science(CMCS)College, Nashik-13
	Program Specific Outcomes - BBA(Computer Application)
	Procedure Oriented Programming using C
PSO1	Identify basic elements C programming structures like data types, expressions, control statements, various I/O functions and Evaluation of simple mathematical problems using control structures
PSO2	Implementation of derived data types like arrays, strings and various operations.
PSO3	Construct user defined structures and implement various applications
PSO4	Create text & binary type files and understanding of various file I/O operations.
	Data Structures using C
PSO1	To understand different methods of organizing large amounts of data
PSO2	To efficiently implement different data structure
PSO3	To efficiently implement solution for different problems
PSO4	To get more knowledge on C programming language
	OOP's using C++
PSO1	Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design.
PSO2	Enables student to write C++ programs that use: object-oriented concepts such as information hiding, constructors, destructors, inheritance.
	Programming in Visual Basic
PSO1	To learn properties and events, methods of controls and how to handle events of different controls
PSO2	To understand the use of active controls and how to design VB application To learn connectivity between VB and databases.
	Java Programming
PSO1	To learn the basic concept of Java Programming
PSO2	To understand how to use programming in day to day applications.
	Dot Net Programming
PSO1	This will introduce visual programming and event driven programming practically.
PSO2	This will enhance applications development skill of the student
	Software Project – I [Based on C++ / VB Technology and Practical
PSO1	Understand .NET Framework and describe some of the major enhancements to the new version of Visual Basic.
PSO2	Create applications using Microsoft Windows® Forms, Create applications that use ADO. NET,

	Working with XML Documents.
PSO3	Knowledge of the Ant build tool to create/modify/manage a project that consists of C++ source code.
	Advanced Java
PSO1	To know the concept of Java Programming.
PSO2	To understand how to use programming in day to day applications.
PSO3	To develop programming logic.
	Software Project – II Java / Dot net Technology and Practical
PSO1	To understand Visual Basic, NET,Basic Graphical Interface Design
PSO2	Knowledge of the Ant build tool to create/modify/manage a project that consists of both Java source code.
PSO3	Deploy web applications, Create secure (authentication and authorization) web applications.
PSO4	Create a rich GUI for web based application using a rich set of controls.
PSO5	Create asynchronous web applications using ASP.NET AJAX.
PSO6	Create and use web services.