

Yews National Senior College, Nashik-01
Program Specific Outcomes - BBA(Computer Application)

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| | C Programming |
| PSO1 | The course is designed to provide complete knowledge of C language |
| PSO2 | To develop logics which will help to create programs, applications in C |
| | Database Management System |
| PSO1 | Design and implement a database schema for a given problem-domain |
| PSO2 | Understand, appreciate and effectively explain the underlying concepts of database technologies |
| PSO3 | Normalize a database. |
| PSO4 | Populate and query a database using SQL DML/DDDL commands. |
| | Web Technology HTML-JS-CSS |
| PSO1 | To know & understand concepts of internet programming. |
| PSO2 | To understand how to develop web based applications using HTML,CSS,JS. |
| | Relational Data Base |
| PSO1 | Enable Students to understand relational database concepts and transaction management concept in database system |
| PSO2 | Enable Student to write PL/SQL programs that use: procedure, function, cursor, package and trigger. |
| | Object Oriented Concepts Through CPP |
| PSO1 | Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design. |
| PSO2 | Enable students to write programs using C++ features like operator overloading, constructor and destructor, inheritance, polymorphism and exception handling. |
| | DATA STRUCTURE |
| PSO1 | To understand the concepts of ADTs |
| PSO2 | To learn linear data structures – lists, stacks, and queues |
| PSO3 | To understand sorting, searching and hashing algorithms |
| PSO4 | To apply Tree and Graph structures |
| | PHP |
| PSO1 | Understand how server-side programming works on the web. |
| PSO2 | Using PHP built-in functions and creating custom functions |
| PSO3 | Understanding POST and GET in form submission. |
| PSO4 | How to receive and process form submission data. |
| | Big Data |
| PSO1 | To enable learners to develop expert knowledge and analytical skills in current and developing areas of analysis statistics, and machine learning |
| PSO2 | To enable the learner to identify, develop and apply detailed analytical, creative, problem solving skills. |
| PSO3 | Provide the learner with a comprehensive platform for career development, innovation and further study. |
| | Advance PHP |
| PSO1 | To know & understand concepts of internet programming. |
| PSO2 | Understand how server-side programming works on the web. |
| PSO3 | Understanding How to use PHP Framework (Joomla / Drupale) |

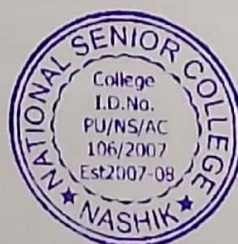


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| | Dot Net Programming |
| PSO1 | This will introduce visual programming and event driven programming practically. |
| PSO2 | This will enhance applications development skill of the student |
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| | Java Programming |
| PSO1 | To learn the basic concept of Java Programming |
| PSO2 | To understand how to use programming in day to day applications. |
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| | Software Project – I Based on 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, |

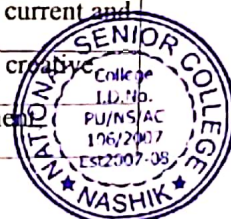


Yews National Senior College, Nashik-01
Course Outcomes-BBA(Computer Application)

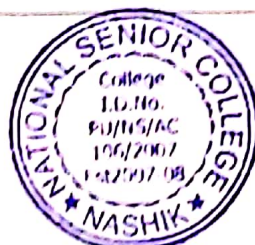
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| Business Communication | |
| CO1 | To understand the concept, process and importance of communication |
| CO2 | To develop an integrative approach where reading, writing, presentation skills are used together to enhance the students' ability to communicate and write effectively. |
| CO3 | To make students familiar with information technology and improve job seeking skills |
| Principles of Management | |
| CO1 | To provide the fundamental knowledge about working of business organization. |
| CO2 | To make students well acquainted with management process, functions and principles. |
| CO3 | To make the students familiar with recent trends in management. |
| C Programming | |
| CO1 | The course is designed to provide complete knowledge of C language |
| CO2 | To develop logics which will help to create programs, applications in C |
| Database Management System | |
| CO1 | Design and implement a database schema for a given problem-domain |
| CO2 | Understand, appreciate and effectively explain the underlying concepts of database technologies |
| CO3 | Normalize a database. |
| CO4 | Populate and query a database using SQL DML/DDI commands. |
| Statistics | |
| CO1 | To understand the power of excel spreadsheet in computing summary statistics. |
| CO2 | To understand the concept of various measures of central tendency and variation and their importance in business. |
| CO3 | To understand the concept of probability, probability distributions and simulations in business world and decision making. |
| ADD-On (PPA) (30 Hours) | |
| CO1 | To develop Analytical / Logical Thinking and Problem Solving capabilities |
| CO2 | To develop knowledge about Algorithms and flowcharts |
| Organization Behavior & Human Resource Management | |
| CO1 | To equip the students to understand the impact that individual, group & structures have on their behavior within the organizations. |
| CO2 | To help them enhance and apply the knowledge they have received for the betterment of the organization. |
| Financial Accounting | |
| CO1 | To enable the students to acquire sound knowledge of basic concepts of accounting |
| CO2 | To impart basic accounting knowledge |
| CO3 | To impart the knowledge about recording of transactions and preparation of final accounts |
| CO4 | To acquaint the students about accounting software packages |
| Business Mathematics | |
| CO1 | To understand applications of matrices in business. |
| CO2 | To understand the concept and application of Permutations & Combinations in business. |
| CO3 | To use L.P.P. and its applications in business. |



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| CO4 | To understand the concept of Transportation problems & its applications in business world. |
| CO5 | To understand the concept of shares & share market. |
| | Relational data Base |
| CO1 | Enables students to understand relational database concepts and transaction management concepts in database system |
| CO2 | Enables student to write PL/SQL programs that use: procedure, function, package, cursor and trigger. |
| | Web Technology HTML-JS-CSS |
| CO1 | To know & understand concepts of internet programming. |
| CO2 | To understand how to develop web based applications using HTML,CSS,JS. |
| | ADD-On (Advance C) (30 Hours) |
| CO1 | 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 |
| CO2 | Implementation of derived data types like arrays, strings and various operations. |
| CO3 | Construct user defined structures and implement various applications |
| CO4 | Create text & binary type files and understanding of various file I/O operations. |
| | Digital Marketing |
| CO1 | The aim of this syllabus is to give knowledge about using digital marketing in and as business. |
| CO2 | To make SWOT analysis, SEO optimization and use of various digital marketing tools. |
| | Data Structure |
| CO1 | To understand the concepts of ADTs |
| CO2 | To learn linear data structures – lists, stacks, and queues |
| CO3 | To understand sorting, searching and hashing algorithms |
| CO4 | To apply Tree and Graph structures |
| | Operating System Concepts |
| CO1 | To know system programming |
| CO2 | To know services provided by operating system |
| CO3 | To know the Scheduling concepts |
| | Software Engineering |
| CO1 | To understand System concepts. |
| CO2 | To understand Software Engineering concepts. |
| CO3 | To understand the applications of Software Engineering concepts and Design in Software development |
| | PHP |
| CO1 | Understand how server-side programming works on the web. |
| CO2 | Using PHP built-in functions and creating custom functions |
| CO3 | Understanding POST and GET in form submission. |
| CO4 | How to receive and process form submission data. |
| CO5 | Read and process data in a MySQL database. |
| | Big Data |
| CO1 | To enable learners to develop expert knowledge and analytical skills in current and developing areas of analysis statistics, and machine learning |
| CO2 | To enable the learner to identify, develop and apply detailed analytical, creative problem solving skills. |
| CO3 | Provide the learner with a comprehensive platform for career development, innovation and further study. |



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| | Environment Awareness |
| CO1 | To provide an opportunities to acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment |
| CO2 | To develop conscious towards a cleaner and better managed environment |
| | Networking |
| CO1 | To gain knowledge about Computer Networks concepts. |
| CO2 | To know about working of networking models, addresses, transmission medias and connectivity devices. |
| CO3 | To acquire information about network security and cryptography. |
| | Object Oriented Concepts Through CPP |
| CO1 | Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design. |
| CO2 | Enable students to write programs using C++ features like operator overloading, constructor and destructor, inheritance, polymorphism and exception handling. |
| | Operating System |
| CO1 | To know the services provided by Operating System |
| CO2 | To know the scheduling concept |
| CO3 | To understand design issues related to memory management and various related algorithms. |
| CO4 | To understand design issues related to File management and various related algorithms |
| | Advance PHP |
| CO1 | To know & understand concepts of internet programming. |
| CO2 | Understand how server-side programming works on the web. |
| CO3 | Understanding How to use PHP Framework (Joomla / Drupale) |
| | ADD-On (30 Hours) |
| CO1 | Understand current concern about our impact on the environment. |
| CO2 | Recognize the things they do affect the environment. |
| CO3 | Promote green practices at home and at work. |
| | Java Programming |
| CO1 | To learn the basic concept of Java Programming |
| CO2 | To understand how to use programming in day to day applications. |
| | Web Technologies |
| CO1 | To know & understand concepts of internet programming. |
| CO2 | To understand how to develop web based applications using PHP. |
| | Dot Net Programming |
| CO1 | This will introduce visual programming and event driven programming practically |
| CO2 | This will enhance applications development skill of the student |
| | Object Oriented Software Engineering |
| CO1 | To Understand concept of system design using UML. |
| CO2 | To understand system development through object oriented techniques. |
| | Software Project – I [Based on C++ / VB Technology and Practical |
| CO1 | Understand .NET Framework and describe some of the major enhancements to the new version of Visual Basic. |



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| CO2 | Create applications using Microsoft Windows. Forms, Create applications that use ADO. NET, Working with XML Documents. |
| CO3 | Knowledge of the Ant build tool to create/modify/manage a project that consists of VB source code. |
| Advanced Web Technologies | |
| CO1 | To know & understand concepts of internet programming. |
| CO2 | To understand the concepts of XML and AJAX. |
| Advanced Java | |
| CO1 | To know the concept of Java Programming. |
| CO2 | To understand how to use programming in day to day applications. |
| CO3 | To develop programming logic. |
| Recent Trends in IT | |
| CO1 | To introduce upcoming trends in Information technology. |
| CO2 | To study Eco friendly software development. |
| Software Testing | |
| CO1 | To know the concept of software testing. |
| CO2 | To understand how to test bugs in software. |
| CO3 | To develop programming logic |
| Software Project – II Java / Dot net Technology and Practical | |
| CO1 | To understand Visual Basic.NET, Basic Graphical Interface Design |
| CO2 | Knowledge of the Ant build tool to create/modify/manage a project that consists of both Java |
| CO3 | Deploy web applications, Create secure (authentication and authorization) web applications. |
| CO4 | Create a rich GUI for web based application using a rich set of controls. |
| CO5 | Create asynchronous web applications using ASP.NET AJAX. |
| CO6 | Create and use web services. |

