

**P.E.S's**

**Modern College Arts, Science and Commerce (Autonomous), Ganeshkhind, Pune-16  
Department Of Business Administration in Computer Application (BBA-CA)**

**First Year (A.Y.2022-23) Autonomous**

**Class - FYBBA (CA)**

**Semester - I**

**Course Name - Business Communication (22-BBACA111)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Students can identify basic meaning, importance and need for effective communication.
CO2	Understanding	Explaining the role of communication in personal and business world.
CO3	Applying	Developing proficiency in how to write business letters and other communications in required business.
CO4	Analysis	Analyzing and implications of communication skills in business.
CO5	Evaluating / Creating	Assess the communication skills learnt, Create own Bio-data.

**Course Name - Principles of Management (22-BBACA112)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Identify the basic concepts and theories of Management.
CO2	Understanding	Understand the basic principles of management.
CO3	Applying	Applying functions of management in the business organization.
CO4	Analysis	Explain the basic concepts

		in recent trends in management
CO5	Evaluating / Creating	Interpret , evaluate and compare the management thoughts under recent trends in management.

**Course Name - Introduction to C Programming (22-BBACA113)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Remember basic concepts of C Programming
CO2	Understanding	Understand uses of different library functions used in C programming
CO3	Applying	Apply c programming knowledge to solve mathematical problems
CO4	Analysis	Develop logical thinking for analyzing problems to be solved using C Programming
CO5	Evaluating / Creating	Develop C programs to find computerized solutions for simple mathematical problems.

**Course Name - Database Management System (22-BBACA114)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Remember basic concepts in database systems.
CO2	Understanding	Understand the use of various tools and softwares used to solve SQL queries.
CO3	Applying	Implement SQL queries syntax practically.
CO4	Analysis	Analyze Oracle Environment.
CO5	Evaluating / Creating	Develop the skills to solve SQL queries in oracle and validate the ERD concepts.

**Course Name -Statistics (22-BBACA115)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Students should recall concepts of mean, median and mode
CO2	Understanding	Students will understand how to collect data using various statistical sampling methods and how to classify and represent that data graphically
CO3	Applying	Students will learn through various statistical measures such as measures of central tendency, dispersion
CO4	Analysis	Students will be able to describe the correlation between interrelated variables
CO5	Evaluating / Creating	Students will be able to apply the concept of regression between interrelated variables in real life .

**Course Name - Computer Laboratory based on 113 & 114 (22-BBACA116)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Remember Basics of Programming and database management.
CO2	Understanding	Understand the uses of operators,functions,input/output methods .
CO3	Applying	Apply logical skills and implementation of programming and database concepts.
CO4	Analysis	Analyze problem

		statements and problem solving methodology.
CO5	Evaluating / Creating	Create error free applications giving desired results.

**Course Name -Add-On(PPA) (22-BBACA117)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Remember basic concepts of programming algorithms.
CO2	Understanding	Understand the different symbols to draw flowcharts.
CO3	Applying	Develop analytical and logical thinking.
CO4	Analysis	Analyze problem solving ability.
CO5	Evaluating / Creating	Develop the skill to solve mathematical problems using greedy method algorithms.

## Semester - II

**Course Name - Organization Behavior & Human Resource Management (22-BBACA121)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Describe the meaning of Model of QB
CO2	Understanding	Enumerate the emerging trends and practices in HRM and Role of HR Manager.
CO3	Applying	Demonstrate the use of different appraisal, training methods and selection process in an Organization.
CO4	Analysis	Outline the compensation strategies of an organization
CO5	Evaluating / Creating	Interpret the sample job descriptions and E-recruitment for contemporary entry level. roles in real world organizations.

**Course Name - Financial Accounting (22-BBACA122)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Explain the basic accounting terms.
CO2	Understanding	Describe the accounting terms like Voucher up to finalization.
CO3	Applying	Uses of accounting treatments in actual operations.
CO4	Analysis	Calculate accounting tools and Illustrate the accounting problems.

CO5	Evaluating / Creating	Discriminate the accounting tools and techniques in actual results of financial statements.
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**Course Name - Business Mathematics (22-BBACA123)**

CO. No.	Cognitive Abilities	Course Outcomes
CO1	Remembering	Understand basic mathematical concepts in interest, ratio, proportion and percentage, Mutual funds, Matrices, Linear Programming
CO2	Understanding	Mathematical calculation can be done required in daily life
CO3	Applying	Learn computational skills and mathematical techniques required in business situations
CO4	Analysis	Information is formulated and solution is obtained
CO5	Evaluating / Creating	Developed mathematical software help in solving business related problems

**Course Name - Relational Database Management System (22-BBACA124)**

CO. No.	Cognitive Abilities	Course Outcomes
CO1	Remembering	Remember basic concepts in Relational database systems.
CO2	Understanding	Understand the use of various tools and software's used to solve PL/ SQL queries.
CO3	Applying	Implement PL/ SQL queries syntax practically.
CO4	Analysis	Analyze Oracle/SQL plus Environment.

CO5	Evaluating / Creating	Develop the ability to solve transaction, concurrency, recovery problems.
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**Course Name - Web Technologies (22-BBACA125)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Learn basic concepts of HTML, CSS
CO2	Understanding	Understand the use of HTML, CSS in website development
CO3	Applying	Apply HTML CSS knowledge to design webpages
CO4	Analysis	Analyze different problems to be solved using Website development
CO5	Evaluating / Creating	Design webpages to showcase information on the internet and provide functionality using Java Script

**Course Name - Computer Laboratory based on 124 & 125 (22-BBACA126)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Identify the concepts of various data model used in database and remembering the web development techniques
CO2	Understanding	Understanding use of tools for effective web designing and to solve queries.
CO3	Applying	Apply the concepts of relational database theory and generate dynamic web pages using database connectivity.

CO4	Analysis	Analyzing the development skills for the usability of websites and implementation of theory into practice.
CO5	Evaluating / Creating	Develop applications using features with different layouts as per need of application.

**Course Name - Add-On(Advance C) (22-BBACA127)**

<b>CO. No.</b>	<b>Cognitive Abilities</b>	<b>Course Outcomes</b>
CO1	Remembering	Learn the basic concept of file handling.
CO2	Understanding	Understand graphical functions to design graphics programs.
CO3	Applying	Apply different functions for graphics programming.
CO4	Analysis	Analyze logical thinking and understand Programming hands on.
CO5	Evaluating / Creating	Develop a mini project using a graphics program.