



Rayat Shikshan Sanstha's ,

Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

Accredited with 'A' Grade by NAAC/An ISO 9001:2015 Certified College

Programme Specific Outcomes (PSO's)

Department of BBA(CA)

❖ **Programme Specific Outcomes of B.Com.(Computer Application)**

PSO-1) Produce employable IT workforce, that will have sound knowledge of IT and business fundamentals that can be applied to develop and customize solutions for Small and Medium Enterprises (SME).

PSO-2) Develop skilled manpower in the various areas of information technology like: Data base management, Software Development, Computer-Languages, Software engineering, Web based applications etc.

❖ **Programme Specific Outcomes of BBA(Computer Application)**

PSO-1) Enabled students to acquire sound knowledge of accounting terms and techniques.

PSO-2) Knowledge about recording of transactions and preparation of final accounts.

PSO-3) Acquaint the students about accounting software packages.

PSO-4) Learned how to use programming in day to day applications.

PSO-5) Knows & understands the internet programming.

PSO-6) Understands to develop web based applications using PHP and HTML.

PSO-7) Introduced visual programming and event driven programming practically.

PSO-8) Enhanced applications development skill of the student.



Rayat Shikshan Sanstha's ,

Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

Accredited with 'A' Grade by NAAC/An ISO 9001:2015 Certified College

Course Outcomes (CO's)

Department of BBA(CA)

Programme Specific Outcomes of B.Com.(Computer Application)

➤ **Course outcome: F.Y. B.Com.(CA) Sem I**

1) Problem Solving Using C:-

CO-1) Define algorithms and explain their characteristics.

CO-2) Formulate algorithm and draw flow chart to solve a given problem.

CO-3) Explain use of appropriate data types, control statements.

CO-4) Demonstrate ability to use top-down program design.

2) Database Management System:-

CO-1) To understand the basic concepts and the applications of database systems.

CO-2) To formulate Queries using SQL and Relational Formal Query Languages.

3) Business Mathematics:-

CO-1) Explore theoretical approach in practical situations.

CO-2) To have better problem-solving skills.

CO-3) To use effectively all the concepts in business.

CO-4) It will help students to develop the logic and quantitative thinking.

4) Principles and Practice of Management:-

CO-1) Use of available resources to achieve productive results at minimum cost and maximum profits.

CO-2) To use effectively all the concepts in business

CO-3) Do effective administration by channelizing resources (human and material).

CO-4) To manage crucial situations.

5) Office Automation tools:-

CO-1) The students will be able to use various Office Automation Tools like MSWord, MS Excel & MS PowerPoint.

CO-2) Use of modern office equipment in business or any office is intended to facilitate faster processing and delivery of information, accurate analysis of facts and figures, higher efficiency and productivity, and elimination of fatigue arising from per forming



repetitive jobs manually. Office Automation Tools help in Word processing, Worksheet and presentation.

6) Programming Principles and Algorithm:-

CO-1) To understand how to use programming in day-to-day Applications.

CO-2) To apply skills of algorithm and flowchart to solve the businesses problem.

7) Business Communication Skills-I:-

CO-1) To understand the concept, process, and importance of communication.

CO-2) To apply gain knowledge of media of communication in businesses.

CO-3) To develop skills of effective communication - both written and oral.

8) Environmental Awareness:-

CO-1) To understand Environmental pollution.

CO-2) To apply and promote green practices at home and at work.

➤ **Course outcome: F.Y. B.Com.(CA) Sem II**

1) Advance C Programming:-

CO-1) Students will acquire basic programming skills using C Programming Language.

CO-2) Students will Improve logical thinking through practical knowledge of C Programming.

2) Relational Database Management System (RDBMS):-

CO-1) Students will acquire a good formal foundation on the relational model of data and usage of Relational Databases.

CO-2) Students will acquire knowledge to advanced SQL topics like Functions, triggers and cursors.

3) Organizational Behavior:-

CO-1) Students will understand basic concept of OB.

CO-2) Students will make aware students about traditional & modern methods of procurement & development in organization.

CO-3) Students will know the major trends in OB

4) Business Statistics:-

CO-1) Students will understand role and importance of Mathematics in various business situations and while developing softwares.

CO-2) Students will develop skills related with basic mathematical technique.



5) Financial Accounting with Tally:-

CO-1) Students will acquire basic accounting skills.

CO-2) The course will impart knowledge on transaction management and record keeping.

6) Web Technology:-

CO-1) Students will know & understand concepts of internet programming.

CO-2) Students will understand how to develop web based applications using JavaScript.

7) E-Commerce:-

CO-1) Students will understand concepts of Online Marketing.

CO-2) The course will impart knowledge on E-Commerce and its Strategies.

8) Business Communication Skills-II:-

CO-1) Students will understand what is the role of communication in personal and business world.

CO-2) Students will understand system and communication and their utility.

CO-3) Students will develop proficiency in how to write business letters and other communications in required.

Programme Specific Outcomes of BBA(Computer Application)

➤ **Course outcome: S .Y. B.B.A.(CA) Sem III**

1) Digital Marketing (CA-301):-

CO-1) The aim of this syllabus is to give knowledge about using digital marketing in and as business.

CO-2) To make SWOT analysis, SEO optimization and use of various digital marketing tools.

2) Data Structure (CA-302):-

CO-1) To understand the concepts of ADTs.

CO-2) To learn linear data structures – lists, stacks, and queues.

CO-3) To understand sorting, searching and hashing algorithms.

CO-4) To apply Tree and Graph structures.

3) Software Engineering (CA-303):-

CO-1) To understand System concepts.

CO-2) To understand Software Engineering concepts.

CO-3) To understand the applications of Software Engineering concepts and Design in Software development.

4) PHP (CA-304):-

CO-1) Understand how server-side programming works on the web.



CO-2) Using PHP built-in functions and creating custom functions.

CO-3) Understanding POST and GET in form submission.

CO-4) How to receive and process form submission data.

CO-5) Read and process data in a MySQL database.

5) Big Data (CA-305):-

CO-1) To enable learners to develop expert knowledge and analytical skills in current and developing areas of analysis statistics, and machine learning.

CO-2) To enable the learner to identify, develop and apply detailed analytical, creative, problem solving skills.

CO-3) Provide the learner with a comprehensive platform for career development, innovation and further study.

6) Basic Course in Environmental Awareness (CA-307):-

CO-1) To provide an opportunities to acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment.

CO-2) To develop conscious towards a cleaner and better managed environment.

➤ **Course outcome: S .Y. B.B.A.(CA) Sem IV**

1) Networking (CA-401):-

CO-1) To gain knowledge about Computer Networks concepts.

CO-2) To know about working of networking models, addresses, transmission medias and connectivity devices.

CO-3) To acquire information about network security and cryptography.

2) Object Oriented Concepts Through CPP (CA-402):-

CO-1) Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design.

CO-2) Enable students to write programs using C++ features like operator overloading, constructor and destructor, inheritance, polymorphism and exception handling.

3) Operating System (CA-403):-

CO-1) To know the services provided by Operating System

CO-2) To know the scheduling concept 3. To understand design issues related to memory management and various related algorithms.

CO-3) To understand design issues related to File management and various related algorithms.

4) Advance PHP (CA-404):-



- CO-1) To know & understand concepts of internet programming.
- CO-2) Understand how server-side programming works on the web.
- CO-3) Understanding How to use PHP Framework (Joomla / Druple).

➤ **Course outcome: T .Y. B.B.A.(CA) Sem V**

1) Cyber Security (CA-501):-

- CO-1) Have a good understanding of Cyber Security and the Tools.
- CO-2) Identify the different types of Cyber Crimes.
- CO-3) Have a good understanding of Cyber laws.
- CO-4) To develop Cyber forensics awareness.
- CO-5) Identify attacks, security policies and credit card frauds in mobile and Wireless Computing Era.

2) Object Oriented Software Engineering (CA-502):-

- CO-1) Students will be able to give Design Specifications for Project.
- CO-2) Students will acquire Knowledge in Basic Modeling.
- CO-3) Students will acquire Project Management Skills.

3) Core Java (CA-503):-

- CO-1) Able to solve real world problems using OOP techniques.
- CO-2) Able to understand the use of abstract classes.
- CO-3) Able to solve problems using java collection framework and I/o classes.
- CO-4) Able to develop multithreaded applications with synchronization.
- CO-5) Able to develop applets for web applications.
- CO-6) Able to design GUI based applications.

4) Python (CA-504):-

- CO-1) Define and demonstrate the use of built-in data structures “lists” and “dictionary”.
- CO-2) Design and implement a program to solve a real world problem.
- CO-3) Design and implement GUI application and how to handle exceptions and files.

5) Internet of Things (IoT) (CA-507):-

- CO-1) To explain key technologies, smart objects, IoT Architecture and security in Internet of Things.
- CO-2) To illustrate the role of IoT protocols for efficient network communication.



CO-3) To understand IoT platform such as Arduino Uno.

➤ **Course outcome: T .Y. B.B.A.(CA) Sem VI**

1) Recent Trends in IT (CA-601):-

CO-1) To discuss the basic concepts AI.

CO-2) To apply basic, intermediate and advanced techniques to mine the data.

CO-3) To provide an overview of the concept of Spark programming.

2) Software Testing (CA-602):-

CO-1) Students will be introduced to testing tools.

CO-2) Students will acquire Knowledge of Basic SQA.

CO-3) Students will be able to design basic Test Cases.

3) Advanced Java (CA-603):-

CO-1) Students will know the concepts of JDBC Programming.

CO-2) Students will know the concepts of Multithreading and Socket Programming.

CO-3) Students will know the concepts of Spring and Hibernate.

CO-4) Students will develop the project by using JSP and JDBC.

CO-5) Students will develop applications in Spring and hibernate.

4) Dot Net Framework (CA-604):-

CO-1) Use the features of Dot Net Framework along with the features of VB, C# and ASP.

CO-2) Design and develop window based and web based .NET applications.

CO-3) Design and develop a Website.

CO-4) Design and Implement database connectivity using ADO.NET for VB, C# and ASP.

5) Soft Skill (CA-607):-

CO-1) Understand the significance and essence of a wide range of soft skills.

CO-2) Learn how to apply soft skills in a wide range of routine social and professional settings.

CO-3) Learn how to employ soft skills to improve interpersonal relationships.

CO-4) Learn how to employ soft skills to enhance employability and ensure workplace and career success.