# DEPARTMENT OF COMMERCE(CA)

# U.G.

# DEPARTMENT OF COMMERCE WITH CA

**Programme Code: D** **Programme Name: B.Com (Computer Applications)**

## Programme Outcomes

1. Complete Professional Courses like CA, CS, CMA, MBA, M.Com, CPA and ACCA Successfully.
2. Become Chartered Accountant, Chief Internal Auditor, Chief Accountant, Legal Advisor, Managers and Sales representatives in multinational companies.
3. Acquire skill to select teaching and research as a Profession.
4. Became successful and socially responsible women entrepreneurs with creative ideas.
5. To gain knowledge that helps to face various competitive examination.

## Programme Specific Outcomes

On completion of B.Com (CA) Programme, the students would be able to

1. To become experts in accounting methodology and enhance professionalism through innovative practices, to be tactful in facing unforeseen demands and changes in situational roles in industry and academics.
2. To gain through subject knowledge from practical experiences, industrial learning and internship.
3. To develop entrepreneurial skills, groups activities, spirit of coordination shaping up their professionalism.
4. To adopt innovative opportunities, latest technologies that helps to develop new business.
5. To enhance informative and expressive computer knowledge that helps them to face various competitive examination.

# Course Outcomes

## SEMESTER – I

**Subject Code: 21D1P**
**Course Name: MS-OFFICE LAB**

Upon completion of the course, the students will be able to

1. Describe the usage of computers and to understand its significance in business and society.
2. Understand a Word Processor, Create, Edit, Format documents, work with tables, Import and Export data between files, proofing a document save, Protect and Print documents.
3. Recognize the segregation of Microsoft Office program to create both the professional and academic documents.
4. The use of Microsoft Office program to create personal, academic and business documents following the current Professional and/or Industrial standard.

**Subject Code: 21AD1**
**Course Name: COMPUTER FUNDAMENTAL**

Upon completion of the course, the students will be able to

1. Understand the fundamental concepts of computers with current updation of knowledge.
2. Understand Decimal, Binary, Octal, Hexadecimal Number System.
3. Familiarize CPU, Memory and storage device of computers.
4. Understand the Input and Output Devices of Computer.
5. Understand the Types of Computer Network and its Topology.

## SEMESTER - II

**Subject Code: 21D2P**

**Course Name: PROGRAMMING IN C LAB**

Upon completion of the course, the students will be able to

1. Read, understand and trace the execution of programs in C language.
2. Write the C code for a given algorithm.
3. Implement Programs using pointers and arrays, perform pointer arithmetic using the pre-processor.
4. To Practice the students to write C Programs on their own.

**Subject Code: 21AD2**
**Course Name: PROGRAMMING IN C**

Upon completion of the course, the students will be able to

1. Understand the fundamental concept of C Structure, declaration of constants and variables.
2. Populate and evaluate the type of Operators and Arithmetic operation of C Program.
3. Declare and Enforce Decision Making and Branching statements in C Program.
4. Understand and effectively explain about the Dimensional Arrays, Dynamic Arrays and String Variable.
5. Understand and Define the Structure and Union of C Program.

## SEMESTER - III

**Subject Code: 17D31**
**Course Name: VISUAL BASIC**

Upon completion of the course, the students will be able to

1. Design, create, build, and debug the Visual Basic applications.
2. Explore Visual Basic‘s Integrated Development Environment (IDE).
3. Implement syntax rules in Visual Basic programs.
4. Explain the variables and data types used in the development of programs.
5. Apply arithmetic operations for displaying the numeric output.
6. Write and apply the decision structures for determining the different operations.
7. Write and apply the loop structures to perform repetitive tasks.
8. Write and apply procedures, sub-procedures, and the functions.

**Subject Code: 17D3P**
**Course Name: VISUAL BASIC LAB**

Upon completion of the course, the students will be able to

1. Build a windows Application.
2. Create a user interface following good GUI design guidelines.
3. Change the attributes of control by setting properties at design time or in code.
4. Write coding procedures to bring it into business application.
5. Create classes and objects.
6. Debug an application.
7. Access data from a database.

## SEMESTER - IV

**Subject Code: 17D41**
**Course Name: WEB TECHNOLOGY**

Upon completion of the course, the students will be able to

1. Interpret the concept of internet, protocols and its usage.
2. Determine the concept of HTML and Dynamic HTML.
3. Identify the usage of JSP in java.
4. Develop applications using ASP Dot Net.
5. Understand the concepts in programming and scripting language.

**Subject Code: 17D4P**
**Course Name: TALLY LAB**

Upon completion of the course, the students will be able to

1. Describe the components in Tally screen, maintaining the company data and preparation of trial balance, profit and loss account and balance sheet.
2. Identifying the Inventory details in stock category, stock group and stock item.
3. Prepare the order processing in sales order and purchase order.
4. Understand the Bill wise details and cost Centre.
5. Categorizing GST and payroll accounting.

**Subject Code: 17SED4P**
**Course Name: DESKTOP PUBLISHING PRACTICAL**

Upon completion of the course, the students will be able to

1. To understand database, Relationship and creating Table through Design.
2. Create Photoshop screen, creating digital images converting B/W to Color.
3. Create Photoshop by using Color Correction Techniques and Animation.
4. Understand PageMaker using tools and workspace, labels, Pamphlets and advertisement.
5. CorelDraw- Understand tools and workspace, graphics, multicolor design, web graphics

## SEMESTER - V

**Subject Code: 17D52**
**Course Name: DATABASE MANAGEMENT SYSTEM**

Upon completion of the course, the students will be able to

1. Understand, appreciate and effectively explain concept of Database and Database Management System.
2. Declare and Enforce Relational data structure and Data Integrity on a database using RDBMS.
3. Design and Develop a Database Modelling for a given Domain.
4. Populate and Query a database using SQL Command and SQL Operators.
5. Populate and Query including Subqueries, Aggregate Function and Join Function.

**Subject Code: 17D5P**
**Course Name: ORACLE LAB**

Upon completion of the course, the students will be able to

1. Create Data Definition Language with Constraint.
2. Create DML.
3. To build in Queries in various function Character Function, Numeric Function, Date Function.
4. To create SQL using Logical operator and Function.
5. Create PL/SQL Program.
6. Create Program for exceptional Handling.
7. Create Program for exceptional Handling.

## SEMESTER - VI

**Subject Code: 17C62**
**Course Name: JAVA PROGRAMMING**

Upon completion of the course, the students will be able to

1. Understand the fundamental concept Java Program
2. Populate and Evaluate Types of Operators and Arithmetic operation of Java Program.
3. Declare and Enforce Decision Making and Branching statement of Java Program.
4. Understand and effectively explain about Dimensional Arrays.
5. Understand and Define Java Applets.

**Subject Code: 17PRC6**
**Course Name: PROJECT**

Upon completion of the course, the students will be able to

1. Understand and know how to develop java  Dot Net project.
2. Use an integrated development environment to write, compile and run the project.
3. Use a version control system to track source code in a project.