

# **COMMERCE DEPARTMENT**

## **B.B.A (CA)**

### **Program Outcomes:**

#### **Objective:**

PO 1: The objectives of the Program shall be to provide sound academic base from which an advanced career in Computer Application can be developed.

PO 2: Conceptual grounding in computer usage as well as its practical business application will be provided.

### **Program Specific Outcomes:**

PSO 1: M.Sc in Computer Science is a post-graduation course of 2 years duration having 4 semesters. The course teaches the students about the higher level concepts in the domain of Computer Science theory.

### **Course Outcome:**

**Following will be the Course Outcomes:**

#### **SYLLABUS FOR SEMESTER- I (F Y.B.C.A)**

- **Course Name -: Modern Operating Environment And MS Office**

**Course Code -: 101**

#### **Objective:**

**After successfully completing this course, students will be able to -**

CO 1: An OS is a program that controls the execution of application programs and acts as an interface between applications and the computer hardware.

➤ **Course Name -: Financial Accounting**

**Course Code -: 102**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO1: To enable the students to acquire sound knowledge of basic concepts of accounting.

CO 2: To impart basic accounting knowledge.

CO 3: To impart the knowledge about recording of transactions and preparation of final accounts.

CO 4: To acquaint the students about accounting software packages.

➤ **Course Name -: Principles of Programming and Algorithms**

**Course Code -: 103**

**Pre requisite: Basic Mathematics**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO 1: To develop Analytical / Logical thinking and Problem Solving capabilities.

➤ **Course Name -: Business Communication**

**Course Code -: 104**

**Objectives:**

**After successfully completing this course, students will be able to -**

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

CO 2: To develop an integrative approach where reading, writing, presentation skills are used together to enhance the students' ability to communicate and write effectively.

CO 3: To create awareness among students about Methods and Media of communication.

CO 4: To make students familiar with information technology and improve job seeking skills.

➤ **Course Name -: Principles of Management**

**Course Code -: 105**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO1: To provide the fundamental knowledge about working of business organization.

CO 2: To make students well acquainted with management process, functions and principles.

CO3: To make the students familiar with recent trends in management.

**SYLLABUS FOR SEMESTER- II (F Y.B.C.A)**

➤ **Course Name -: Procedure Oriented Programming using C**

**Course Code -: 201**

**Objectives: -**

CO 1: To know basics of C programming.

CO 2: To know how to write, compile and execute the C programming.

CO 3: To know the concepts used in C programming.

➤ **Course Name -: Database Management Systems**

**Course Code -: 202**

**Objective: -**

CO 1: To know basics of DBMS.

CO 2: To know SQL.

CO 3: To know the development of databases and interactions with databases.

➤ **Course Name -: Organizational Behavior**

**Course Code -: 203**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO 1: To equip the students to understand the impact that individual, group & structures have on their behavior within the organizations.

CO 2: To help them enhance and apply the knowledge they have received for the betterment of the organization.

➤ **Course Name -: Elements of Statistics**

**Course Code -: 204**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO 1: 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.

CO 3: To understand the concept of probability, probability distributions and simulations in business world and decision making.

➤ **Course Name -: E-Commerce Concepts**

**Course Code -: 205**

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**SYLLABUS FOR SEMESTER- III (S Y B.C.A)**

➤ **Course Name-: RDBMS (Relational Database Management System)**

**Course Code-: 301**

**Objectives:**

**After successfully completing this course, students will be able to -**

CO1: Enables students to understand relational database concepts and transaction management concepts in database system.

CO 2: Enables student to write PL/SQL programs that use: procedure, function, package, cursor and trigger.

➤ **Course Name -: Data Structure Using C**

**Course Code -:302**

**Objective:-**

**After successfully completing this course, students will be able to -**

CO 1: To understand different methods of organizing large amounts of data.

CO 2: To efficiently implement different data structure.

CO 3: To efficiently implement solution for different problems.

CO 4: To get more knowledge on C programming language.

➤ **Course Name -: Introduction to Operating System**

**Course Code -: 303**

**Objective -:**

**After successfully completing this course, students will be able to -**

CO 1: To know system programming.

CO 2: To know services provided by operating system.

CO 3: To know the Scheduling concepts.

➤ **Course Name: - Business Mathematics**

**Course Code: - 304**

**Objective: -**

CO 1: To know Mathematical concepts.

CO 2: To know specific mathematical concept used in business.

➤ **Course Name-: Software Engineering**

**Course Code-: 305**

**Objective:**

**After successfully completing this course, students will be able to -**

CO 1: This course enables students to understand system concepts and its application in Software development.

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**SYLLABUS FOR SEMESTER- IV (S Y B.C.A)**

➤ **Course Name-: Object Oriented Programming Using C++**

**Course Code-: 401**

**Objectives:**

**After successfully completing this course, students will be able to -**

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

CO 2: Enables student to write C++ programs that use: object-oriented concepts such as information hiding, constructors, destructors, inheritance.

➤ **Course Name: Programming in Visual Basic**

**Course Code: 402**

**Objectives:-**

**After successfully completing this course, students will be able to -**

CO 1: To learn properties and events, methods of controls and how to handle events of different controls. To understand the use of active controls and how to design VB application To learn connectivity between VB and databases.

➤ **Course Name: Computer Networking**

**Course Code: - 403**

**Objective:-**

**After successfully completing this course, students will be able to -**

CO1: To know about computer network.

CO 2: To understand different topologies used in networking.

CO 3: To learn different types of network.

CO 4: To understanding the use of connecting device used in network.

➤ **Course Name -: Enterprise Resource Planning and Management.**

**Course Code -:404**

**Objectives -:**

**After successfully completing this course, students will be able to -**

CO 1: To know what is ERP.

CO 2: To learn different ERP technologies.

➤ **Course Name : - Human Resource Management**

**Course Code: - 405**

**Objective:**

**After successfully completing this course, students will be able to -**

CO 1: To acquaint the students with the Human Resource Management its different functions in an organization and the Human Resource Processes that are concerned with planning, motivating and developing suitable employees for the benefit of the organization.

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### **SYLLABUS FOR SEMESTER- V (T Y B.C.A)**

➤ **Course Name: - Java Programming.**

**Course Code:-501**

**Objectives:-**



**After successfully completing this course, students will be able to -**

CO1: To learn the basic concept of Java Programming.

CO2: To understand how to use programming in day to day applications.

➤ **Course Name: Web Technologies**

**Course Code:-502**

**Objectives -:**

**After successfully completing this course, students will be able to -**

CO 1: To know & understand concepts of internet programming.

CO 2: To understand how to develop web based applications using PHP.

➤ **Course Name: Dot Net Programming**

**Course Code:-503**

**Objectives:-**

**After successfully completing this course, students will be able to -**

CO 1: This will introduce visual programming and event driven programming practically.

CO 2: This will enhance applications development skill of the student.

➤ **Course Name: Object Oriented Software Engineering**

**Course Code:-504**

**Objectives:-**

**After successfully completing this course, students will be able to -**

CO 1: To Understand concept of system design using UML. 2. To understand system development through object oriented techniques.

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**SYLLABUS FOR SEMESTER- VI (T Y B.C.A)**

➤ **Course Name: Advanced Web Technologies**

**Course Code:-601**

**After successfully completing this course, students will be able to -**

**Objectives:-**

CO1: To know & understand concepts of internet programming.

CO2: To understand the concepts of XML and AJAX.

➤ **Course Name: Advanced Java**

**Course Code:-602**

**Objectives -:**

**After successfully completing this course, students will be able to -**

CO 1: To know the concept of Java Programming.

CO 2: To understand how to use programming in day to day applications.

CO 3: To develop programming logic.

➤ **Course Name: Recent Trends in IT**

**Course Code:-603**

**Objectives:-**

**After successfully completing this course, students will be able to -**

CO 1: To introduce upcoming trends in Information technology.

CO 2: To study Eco friendly software development.

➤ **Course Name: Software Testing**

**Course Code:-603**

**Objectives:-**

CO 1: To know the concept of software testing.

CO 2: To understand how to test bugs in software.

CO 3: To develop programming logic.

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