

**DEPARTMENT OF COMMERCE**

**Bachelor of Business Administration- Computer Applications (BBA-CA)**

**Program Outcome (PO)**

After successfully completing B.B.A. –C.A. Program students will be able to:

PO1: Develop right understanding with theoretical and practical concepts from which an advanced career in Computer Application can be developed.

PO2: Develop right skill oriented human resource.

PO3: Develop the spirit of entrepreneurship.

**Program Specific Outcome (PSO)**

PSO1: Students will able to understand, analyze and develop computer programs in the areas related to algorithm, system software, web design and networking for efficient design of computer based system.

PSO2: Apply standard software engineering practices and strategies in software project development using open source programming environment to deliver a quality of product for business success.

PSO3: Student will able to know various issues, latest trends in technology development and thereby innovate new ideas and solutions to existing problems.

## **Course Outcome (CO)**

### **FYBBA-CA (2019 Pattern)**

#### **Course Code 101-Business Communication Skills**

CO1: To understand what is the role of communication in personal and business world

CO2: Understand various modes of communication and their utility

CO3: Develop proficiency in how to write business letters and other communications required in business.

#### **Course Code 102: Principles of Management**

CO1: To understand basic concept regarding org. Business Administration

CO2: To impart knowledge about various management principles

CO3: To develop managerial skills among the students

#### **Course Code 103: C-Programming**

CO1: To develop Analytical / Logical Thinking and Problem Solving capabilities

CO2: To understand how to develop applications.

#### **Course Code 104: Database Management Systems**

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

CO2: Enables student to write Queries for displaying, updating and other operations on data in database

#### **Course Code 105: Business Statistics**

CO1: To understand role and importance of statistics in various business situations

CO2: To develop skills related with basic statistical technique

CO3: Develop right understanding regarding regression, correlation and data interpretation

#### **Course Code 201: Organizational Behavior & Human Resource Management**

CO1: To understand basic concept of HRM & OB

CO2: To make aware students about traditional & modern methods of procurement & development in organization.

CO3: To know the major trends in HRM & OB

#### **Course Code 202: Financial Accounting**

CO1: To develop right understanding regarding role and importance of monetary and financial transactions in business

CO2: To cultivate right approach towards classifications of different transactions and their Applications

CO3: To develop proficiency preparation of basic financial as to how to write basis accounting statement - Trading and P&L

#### **Course Code 203: Business Mathematics**

CO1: To understand role and importance of Mathematics in various business situations and while developing software's.

CO2: To develop skills related with basic mathematical technique

**Course Code 204: 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.

**Course Code 205: Web Technology (HTML-JSS-CSS)**

CO1: To know & understand concepts of internet programming.

CO2: To understand how to develop web based applications using JavaScript.

## **SYBBA-CA (2014 Pattern)**

### **Course Code 301: RDBMS (Relational Database Management System)**

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.

### **Course Code 302-Data Structure Using C**

CO1: To understand different methods of organizing large amounts of data

CO2: To efficiently implement different data structure

CO3: To efficiently implement solution for different problems

CO4: To get more knowledge on C programming language

### **Course Code 303: Introduction to Operating System**

CO1: To know system programming

CO2: To know services provided by operating system

CO3: To know the Scheduling concepts

### **Course Code 304: Business Mathematics**

CO1: To understand role and importance of Mathematics in various business situations and while developing software's.

CO2: To develop skills related with basic mathematical technique

### **Course Code 305: Software Engineering**

CO1: This course enables students to understand system concepts and its application in Software development.

CO2: To develop skills related with Software development.

### **Course Code 401: Object Oriented Programming Using C++**

CO1: Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design.

CO2: Enables student to write C++ programs that use: object-oriented concepts such as information hiding, constructors, destructors, inheritance.

### **Course Code 402: Programming in Visual Basic**

CO1: To learn properties and events, methods of controls and how to handle events of different controls.

CO2: To understand the use of active controls and how to design VB application

CO3: To learn connectivity between VB and databases.

### **Course Code 403: Computer Networking**

CO1: To know about computer network.

CO2: To understand different topologies used in networking

CO3: To learn different types of network.

CO4: To understanding the use of connecting device used in network.

**Course Code 404: Enterprise Resource Planning and Management**

CO1: To know what is ERP.

CO2: To learn different ERP technologies.

**Course Code 405: Human Resource Management**

CO1: To acquaint the students with the human resource management its different functions in an organization .Human processes that are concerned with the planning motivating and developing suitable employees for the benefit of the organization

CO2: To develop managerial skills among the students

## **TYBBA (CA)**

### **Course Code 501: Java Programming**

CO1: To learn the basic concept of Java Programming.

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

### **Course Code 502: Web Technologies**

CO1: To know & understand concepts of internet programming.

CO2: To understand how to develop web based applications using PHP

### **Course Code 503: Dot Net Programming**

CO1: This will introduce visual programming and event driven programming practically.

CO2: This will enhance applications development skill of the student.

### **Course Code 504: Object Oriented Software Engineering**

CO1: To Understand concept of system design using UML.

CO2: To understand system development through object oriented techniques.

### **Course Code 601: Advanced Web Technologies**

CO1: To know & understand concepts of internet programming.

CO2: To understand the concepts of XML and AJAX.

### **Course Code 602: 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.

### **Course Code 603: Recent Trends in IT**

CO1: To introduce upcoming trends in Information technology.

CO2: To study Eco friendly software development

### **Course Code 604: Software Testing**

CO1: To know the concept of software testing.

CO2: To understand how to test bugs in software.

CO3: To develop programming logic.

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