

Department of BBA (CA)

Programme Outcomes

PO1: The BBA(CA) Programme provides sound academic base to develop an advanced career in Computer Application with various Management and Business skills.

PO2: This course focuses on conceptual grounding of computer usage as well as its practical Business Application.

PO3: This course inculcates basic programming ability amongst students which can help them to become a good programmer.

PO4: This course nurtures good Soft Skills and Managerial Skill in the students which create noble IT Professionals.

PO5: Students get excellent exposure to learn the process of software development in the Vth and VIth semester by developing their own projects which helps them in campus placement.

Programme Specific Outcomes

PSO1: Students learn advanced techniques used in computing.

PSO2: The amalgamation of computer, commerce and management subjects in this course gives profound knowledge of all three disciplines which provide wide area of job opportunities for the students.

Course outcomes

First Year FY BBA (CA) (2019 pattern)

Semester 1

Course CA-101: Business Communication

CO1: Student understand importance of communication in business.

CO2: Students can utilize the modern means of communication in their daily life.

Course CA-102: Principle of Management

CO1: Students are understood different business organization.CO2: Students are familiar about recent trends of management.

Course CA-103: C Language

CO1: Students can solve problem by analyzing and converting logical thinking to computer understandable format using C Programming.

CO2: Student learns the basic terminologies of C language.

CO3: Students will be able to design their own program to solve mathematical problems using C Programming.

CO4: This subject helps to develop logic to solve any problem practically.

Course CA-104: Database Management System

CO1: Students understand basic database concepts in database system.

CO2: Students can write SQL queries and do database connectivity with any front-end platform.

Course CA-105: Statistics

CO1: Students will be able to understand the concept of measures of central tendency and variation, probability and probability distributions and their importance in business.

Course CA-106: Computer Laboratory Based on 103 &104

CO1: Students can write programs in C Programming and make their own databases using Oracle.

Course CA-107: Add-On (PPA)

CO1: Analytical and Logical Thinking is developed amongst students.

CO2: Students can find solution of problems using Problem Solving Techniques.CO3: Students learn Basic idea of programming.

CO4: Students will be able to write their own algorithms.

Semester 2

Course CA-201: Organization Behavior & Human Resource Management

CO1: Students enhance and apply the knowledge they have received for the betterment of the organization.

CO2: Students are understood the importance of Human resource management.

CO3: Students are aware about different functions of HRM.

Course CA-202: Financial Accounting

CO1: Student acquired sound knowledge of basic concepts of accounting. CO2: Students are practicing tally software package in their day today life.

Course CA-203: Business Mathematics

CO1: Students understand the nature of mathematics and be able to use mathematical concepts in business and their day-to-day life.

Course CA-204: Relational database

CO1: Students understand relational database concepts and transaction management concepts in database system.

CO2: Students can write PL/SQL programs that use procedure, function, package, cursor and trigger.

Course CA-205: Web Technology HTML-JS-CSS

CO1: Students will be aware of world's best open-source web technology.

CO2: Student will be able to design website user interface. client communicative web site.

Course CA-206: Computer Laboratory Based on 204 & 205

CO1: Students understand how data of different types can be handled / accessed using different structures using C Programming.

CO2: Students also learn how to access data of oracle using PL/SQL programs that use: procedure, function, package, cursor and trigger.

Course CA-207: Add-On (Advance C)

CO1: Students can solve problem by analyzing and converting logical thinking to computer understandable format using C Programming.

CO2: Students will be able to design their own program to solve mathematical problems using C Programming.

Second Year SY BBA (CA) (2019 pattern)

Semester 3

Course CA-301: Digital Marketing

- CO1: Students will be able to understand the new digital market and its terminology.
- CO2: Students will get greatest benefit of digital marketing which will allow to target the ideal buyer, through social media or with any digital platform.

Course CA-302: Data Structure

- CO1: Students will be able to understand the concepts of ADTs and learn linear data structures – lists, stacks, and queues.
- CO2: Students will be able to understand the sorting, searching and hashing algorithms and apply Tree and Graph structures

Course CA-303: Software Engineering

- CO1: Students will be able to understand the System concepts and learn Software Engineering concepts.
- CO2: Students will be able to understand the applications of Software Engineering concepts and Design in Software development.

Course CA-304: Angular JS

- CO1: Student will be able to create single page applications with AngularJS.
- CO2: student will be able to understand how to create website Angular JS.

Course CA-305: Big data

- CO1: Student understand and able to develop analytical skills in current an developing areas of analysis statistics, and machine learning.
- CO2: Student can be able to identify, develop and apply detailed analytical, creative, problem solving skills.
- CO3: Course provides a comprehensive platform for career development and

innovation to the students.

Course CA-306: Computer Laboratory Based on 302, 304 and 305

- CO1: Students will learn practical application of how to implement different data structures to solve the problems. They will be able to apply different sorting techniques on different types of data.
- CO2: Students will understand how to design AngularJS Single Page Application, create and bind controllers with JavaScript and apply filter in AngularJS application.
- CO3: Students will be able to identify, develop and apply detailed analytical, creative, problem solving skills.

Course CA-307: Environment Awareness

- CO1: This course helps students know about environmental pollution, its effect on human being.
- CO2: Students get information about the government initiatives for conservation of Environment and what are the controlling measures.

Semester 4

Course CA-401: Networking

- CO1: Students will gain the knowledge of Computer Networks and also know about working of networking models, addresses, transmission medias and connectivity devices.
- CO2: students will understand the basics and importance of network security and cryptography.

Course CA-402: Object Oriented Concepts Through CPP

- CO1: Students will be able to understand the basic object-oriented concepts.
- CO2: Students will be able to apply C++ features like operator overloading, constructor and destructor, inheritance, polymorphism, and exception handling.

Course CA-403: Operating System

CO1: Students will be able to understand the basic concepts of Operating System.

CO2: Students will be able to understand the concept process scheduling within the Operating system, also get knowledge about Deadlock and if deadlock arises then how to avoid deadlock.

Course CA-404: NODE JS

CO1: Student able to understand one of the most popular runtime Environment to create server-side application with JavaScript.

CO2: Student understand how to create server application with node is, also get information about to connect with database and how to use third party module in current application.

CO3: Student will get idea about Express Js Framework.

Course CA-405: Project

CO1: Students get ideas about how to create Software projects. How to write the project abstract, how to write the project documentation.

CO2: How to create a database along with code logic to create the input screen and generate the output screen.

Course CA-406: Computer Laboratory Based on 402,404

CO1: Students will learn practical application of object-oriented concepts in programming using C++.

CO2: Students will understand how to apply the use of operator overloading, constructor and destructor, inheritance, polymorphism, and exception handling with examples.

CO3: Students will be able to understand how to apply Structure a Node application in modules and how to Build a Web Server in Node.

Course CA-407: Add-On (JQUERY)

CO1: Students will be able to understand the JavaScript language and the document object Model. jQuery is JavaScript library.

Third Year TY BBA (CA) (2013 pattern)

Course CA-501: Java Programming

CO1:After learning the basic concept of Java Programming. Students understand how to use programming in day to day applications.

CO2:Students can work as a Java Developer

Course CA-502: Web Technologies

CO1:Students will be aware of world's best open source web technology.

CO2:Students will be able to hands on training by practical with PHP & XAAMP.

CO3:Student will able to design website user interface. client- server communicative web site.

Course CA-503: Dot Net Programming

CO1:Students will be able to understand .NET technologies, basics of design, development of .NET based web technologies.

CO2:Students will able to be a .NET Developer

Course CA-504: Object Oriented Software Engg.

CO1:Students will able to design basic project design diagram ie -Case studies, UML diagrams sequence, DFD etc.

CO2:Students will be Functional Analyst for designing a data flow diagram etc.

Course CA-505: Software Project – I [Based on C++ / VB Technology]

CO1:Students gets the basic idea of how problems can be solved using programming by developing a software in Visual Basic or C++.

CO2:They are able to develop small scale applications by their own which helps them to understand the process of software development.

Course CA-506: Laboratory Course – V [Based on Paper No. 501,502 and 503]

CO1:This is helping students to learn Java/Dot net/Web Technology Programming in a simple and effective manner so that students are able to work in company as a developer.

Course CA-601: Advanced Web Technologies

CO1:Students will aware world's best open source web technology.

CO2:Students will be able to hands on training by practical with PHP,CSS,HTML & XAAMP.

CO3:Students will be a PHP Web Developer.

Course CA-602: Advanced Java

CO1:Students develop programming logic and understand how to use programming in day to day applications.

CO2:Students can be work as a Java Developer

Course CA-603: Recent Trends in IT

CO1:Students gets the basic idea of upcoming trends in Information Technology which guides them to understand the different technologies used in the industry for actual software development and its maintenance.

CO2:Students are able to understand the new ecofriendly software development techniques used in the market.

Course CA-604: Software Testing

CO1:Students will get the testing methods procedures of software component to deal with Errors/bug.

CO2:By Learning this students will able to be a functional tester ie .End verification /validation Authority before software package release

Course CA-605: Software Project – II [Java / Dot net Technology]

CO1:It helps to guide to open source tools and frameworks.

CO2:Gives the real time experience of working on Java /Dot net /PHP development projects through software.

Course CA-606: Laboratory Course – VI [Based on Paper No. 601 & 602]

CO1:This is helping students to learn Adv. Java/Adv. web Technology Programming in a simple and effective manner so that students are able to work in company as a developer.