

CHRIST COLLEGE PUNE

Department of Management

Programme Outcome

After the successful completion of three-year BBA (CA) Programme, the graduate will be able to:

PO 1: Acquire foundational understanding across core business disciplines.

PO2: Demonstrate critical thinking skills to analyze business situations and formulate strategies.

PO 3: Apply effective communication techniques to articulate complex business concepts clearly.

PO4: Collaborate within teams, recognizing group dynamics and embracing diverse perspectives.

PO 5: Uphold ethical standards in business practices, acknowledging broader societal and global impacts.

PO 6: Utilize information technology and quantitative methods for data interpretation and effective decision-making.

Bachelor of Business Administration (Computer Applications)

Semester I

Course Code	Course Title	Course Outcome
CA-102	Principles of Management	<ol style="list-style-type: none">1. Understand fundamental concepts and principles of management, including the basic roles, skills, and functions of management;2. Conceptualize how organizations manages its activities and functions.
CA-104	Database Management Systems	<ol style="list-style-type: none">1. Define the Database concepts2. Analyse the databases and various queries execution3. Assess and transform information into relational database and produce entity- relationship model for particular system.4. Design various operations on database
CA-101	Reasonable knowledge of the Business communication Skills	<ol style="list-style-type: none">1. Understand what is the role of communication in personal and business world2. Classify system and communication and their utility3. Develop proficiency in how to write business letters and other communications in required form
CA-103	C Language	<ol style="list-style-type: none">1. Demonstrate and trace the execution of programs written in C language.2. Discover the C code for a given algorithm.3. Evaluate and to implement Programs with pointers and arrays, perform pointer arithmetic, and use the pre-processor.4. Develop and to perform operations using derived data types.

CA-105	Statistics	<ol style="list-style-type: none"> 1. Understand role and importance of statistics in various business situations 2. Assess the skills related with basic statistical technique 3. Develop right understanding regarding regression, correlation and data interpretation
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Semester II

Course Code	Course Title	Course Outcome
CA-201	Organization Behavior & Human Resource Management	<ol style="list-style-type: none"> 1. Understand the concept of organizational behavior and Human Resource Management 2. Examine the scope of Human Resource Management 3. Identify the role of human resources in helping an organization gain a competitive advantage 4. Analyse the recent trends in training and development 5. Evaluate the factors affecting the recruitment and selection procedure 6. Develop Strategies for overcoming the challenge of cultural diversity in an organization
CA-202	Financial Accounting	<ol style="list-style-type: none"> 1. Understand the role of accounting in business 2. Record the financial transaction in books of accounts 3. Prepare final accounts to summarise the financial position of a business 4. Reconcile the cash book and passbook with the help of the bank reconciliation statement

		5. Adapt the accounting software to record and prepare financial statements
CA-203	Business Mathematics	<ol style="list-style-type: none"> 1. Demonstrate the appropriate understanding as how to use mathematics like computation interest, profit etc 2. Construct right understanding regarding numerical aptitude 3. Develop logical approach towards analytical approach data
CA-204	Relational Database	<ol style="list-style-type: none"> 1. Understand and explain the database concepts like data types, operators and control statements. 2. Apply the database concepts in writing PL/SQL programs. 3. Distinguish between DBMS and RDBMS 4. Select from various programming constructs like cursors, triggers, functions, and procedures and use them while creating programs. 5. Create and organise data in tables and make modifications through PL/SQL programs
CA-205	Web Technology HTML-JS-CSS	<ol style="list-style-type: none"> 1. Understand the Structure and implement HTML/CSS. (L2) 2. Apply intermediate and advanced web development practices. (L3) 3. Implement basic JavaScript. (L3) 4. Create visualizations in accordance with UI/UX theories and create webpages that function using external data. (L6) 5. Develop a fully functioning website and deploy on a web server. (L6)

Semester III

Course Code	Course Title	Course Outcome
CA-301	Digital Marketing	<ol style="list-style-type: none">1. Determine the knowledge about using digital marketing in and as business.2. Formulate the SWOT analysis, SEO optimization and use of various digital marketing tools.
CA-302	Data Structure	<ol style="list-style-type: none">1. Understand the concepts of ADTs2. Illustrate the need for data structures while building applications.3. Analyse the efficiency and optimize the algorithms4. Apply advanced linear and non-linear data structures for real world problems5. Design the Tree and Graph structures
CA-303	Software Engineering	<ol style="list-style-type: none">1. Demonstrate the System concepts.2. Assess the Software Engineering concepts.3. Formulate the software engineering concepts and Design in Software
CA-304	Angular JS	<ol style="list-style-type: none">1. Understand Client Side MVC and SPA2. Explore AngularJS Component3. Develop an AngularJS Single Page Application4. Create and bind controllers with JavaScript5. Elaborate the filter in AngularJS application
CA-305	Big data / Block chain	<ol style="list-style-type: none">1. Infer the expert knowledge and analytical skills in current and developing areas of analysis statistics, and machine learning2. Identify, develop and apply detailed analytical, creative, problem-solving skills.

		<ul style="list-style-type: none"> 3. Determine the learner with a comprehensive platform for career development, innovation, and further study. 4. Estimate the architecture of R and WEKA with practical's.
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Semester IV

Course Code	Course Title	Course Outcome
CA401	Networking	<ul style="list-style-type: none"> 1. Discuss the basic of networking concepts. 2. Analyse in detail and understood the basic idea of different protocol. 3. Compare the routing, packet switching and routing algorithms concepts. 4. Interpret the services of connectionless and connection-oriented protocols. 5. Formulate the internet domains and its services
CA-402	Object Oriented Concept Through CPP	<ul style="list-style-type: none"> 1. Understand various object-oriented concepts. 2. Analyse the different OOPs concepts and apply them to write programs. 3. Compare various dynamic memory management techniques like pointers, constructors, destructors. 4. Interpret the appropriate concepts and use them in writing CPP programs. 5. Create classes and objects which implements all the OOPs features.
		<ul style="list-style-type: none"> 1. Understand the services provided by operating systems. 2. Examine to some details of major OS concepts.

CA-403	Operating System	<ul style="list-style-type: none"> 3. Evaluate the issues related to memory management and various related algorithms. 4. Design issues related to file management and various related algorithms 5. Discuss with an operating system via system calls 6. Combine the different types of memory used in OS
CA-404	Node JS	<ul style="list-style-type: none"> 1. Understand Node JS and REPL terminal. 2. Experiment with Node JS Modules and Node Package Manager. 3. Find and use code packages based on their documentation to produce working results in a project. 4. Develop applications to handle events in Node JS

Semester V

Course Code	Course Title	Course Outcome
CA-501	Cyber Security	<ul style="list-style-type: none"> 1. Understand the Cyber Security and the Tools. 2. Identify the different types of Cyber Crimes. 3. Develop Cyber forensics awareness. 4. Estimate the attacks, security policies and credit card frauds in mobile and Wireless Computing Era
		<ul style="list-style-type: none"> 1. Understand the fundamentals of object modelling 2. Classify and differentiate Unified Process from other approaches. 3. Design with static UML diagrams. 4. Improve with the UML dynamic and implementation diagrams.

CA-502	Object Oriented Software Engineering (OOSE)	<ol style="list-style-type: none"> 5. Improve the software design with design patterns. 6. Develop the software against its requirements specification
CA-503	Core Java	<ol style="list-style-type: none"> 1. Relate the real-world problems using OOP techniques. 2. Solve problems using java collection framework and I/o classes. 3. Develop multithreaded applications with synchronization. 4. Design GUI based applications
CA-504	Python	<ol style="list-style-type: none"> 1. Understand the need and importance of Python language. 2. Examine how to design and implement Python applications. 3. Design and implement a program to solve a real-world problem 4. Formulate the knowledge of handling the concepts of exceptions and files
CA-507	IOT	<ol style="list-style-type: none"> 1. Illustrate the role of IoT protocols for efficient network communication. 3. Identify IoT platform such as Arduino Uno. 4. Relate about real time IOT Devices 5. Design the key technologies, smart objects, IoT Architecture and security in Internet of Things.

Semester VI

Course Code	Course Title	Course Outcome
CA-601	Recent Trends in Information Technology	<ol style="list-style-type: none">1. Understand the basic concepts AI.2. Apply basic, intermediate and advanced techniques to mine the data.3. Compare the concept of Spark programming and to Analysis of emergent research data4. Determine and familiarity with emergent technologies/resources5. Formulate and integrate principles.
CA-602	Software Testing	<ol style="list-style-type: none">1. Define the approaches to software testing and identify different testing tools for appropriate environments.2. Apply the various testing strategies on specialized environments.3. Evaluate different software metrics using the various measures of complexity4. Design Test Cases and Create Test Plans based on various requirements under various test scenarios.
CA-603	Advanced Java	<ol style="list-style-type: none">1. Understand concepts of JDBC Programming, Multithreading and Socket Programming, Spring and Hibernate.2. Differentiate between servlet-JSP and Spring-Hibernate3. Develop application by using JDBC,Servlet- JSP and Spring-Hibernate framework
CA-604	Android Programming	<ol style="list-style-type: none">1. Define app requirements for digital devices.2. Classify the constraints in developing real time app.3. Apply skill on real time applications.4. Evaluate the logic and challenges of Android programming.5. Develop and Integrate Java and android to develop game and applications for different Industries.

