DEPARMENT OF B.B.A. (COMPUTER APPLICATION)
B.B.A.(Computer Application)
T. Y. BBA(CA) SEMESTER V

CA-501 : Cyber Security

After successful completion of this course, students will be able to:

CO1: Understand Cyber Security and the Tools.

CO2: Identify the different types of Cyber Crimes.

CO3: Understand the Cyber laws.

CO4: Develop Cyber forensics awareness.

CO5: Identify attacks, security policies and credit card frauds in mobile and Wireless Computing Era.

CA-502:Object Oriented Software Engineering

After successful completion of this course, students will be able to:

CO1: Understand the concept of system design and UML.

CO2: Articulate classes and objects from specified requirement set.

CO3: Understand how to sketch different UML diagrams.

CO4: Explain the change in analysis constraints from traditional approach to object oriented paradigm.

CO5: Compare and contrast different methodologies useful for software designing process.

CA-503: Core Java

After successful completion of this course, students will be able to:

CO1: Understand Java Fundamentals, core principles of the Java Language.

CO2: Understand various concepts like Class, Objects, encapsulation, inheritance, polymorphism, interfaces, nested classes, exception handling, and wrapper classes, file handling.

CO3: Understand various collections like Array List, Linked List, Hash Set class.

CO4: Understand file and exception handling using in built class

CO5: Apply various concepts and develop programs using Applet, AWT, Swing Applications.

CA-504: MongoDB

After successful completion of this course, students will be able to:

CO1: Learn to work with MongoDB shell and MongoDB tools.

CO2: Design Schema, Data modelling and all sorts of CRUD Operations.

CO3: Learn to optimize query performance.

CO4: Analyze the data stored in Mongo

CA-504: Python

After successful completion of this course, students will be able to:

CO1: Understanding the basic concept in Python, variables and constants.

CO2: Learn concept of files and study modules and packages.

CO3: Learn Object Oriented Concepts, inheritance.

CO4: Understanding concept of exception, techniques to handle exceptions

CO5: Study Tkinter programming and understand about frames, buttons, labels etc.

CO6: Understand static analysis, data visualization, data modeling and machine learning.

CA-505:Project

After successful completion of this course, students will be able to:

CO1: Learn the SDLC .

CO2: Understand the programming concept, how to make connectivity to database.

CO3: Understand how to develop report.

CA-506:Computer Laboratory Based on 503 and 504

After successful completion of this course, students will be able to:

CO1: Understand fundamentals of programming such as variables, conditional and iterative execution, methods, etc.

CO2: Use the Java SDK environment to create, debug and run simple Java Programs.

CO3: Demonstrates how to achieve reusability using inheritance, interfaces and packages .

CO4: Identify and describe common abstract user interface components to design GUI in Java using Applet &amp. AWT along with response to events.

CO5: Design GUI in Java using Applet & AWT along with events .

CO6: Solve java programs using JDBC.

CO7: Use JSP in programming.

CA-507: Internet of Things (IoT)

After successful completion of this course, students will be able to:

CO1: Explain key technologies, smart objects, IoT Architecture and security in Internet of Things.

CO2: Illustrate the role of IoT protocols for efficient network communication.

CO3: Understand IoT platform such as Arduino Uno.

T. Y. BBA(CA) SEMESTER VI

CA-601: Recent Trends in IT

After successful completion of this course, students will be able to:

CO1: Discuss the basic concepts AI.

CO2: Apply basic, intermediate and advanced techniques to mine the data.

CO3: Provide an overview of the concept of Spark programming.

CA-602 : Software Testing

After successful completion of this course, students will be able to:

CO1: Understand software testing Basics and its importance in SDLC.

CO2: Understand approaches used in software testing.

CO3: Identify how to test a software in different environment.

CO4: Explain different strategies of testing and design complexity Metrics.

CO5: Describe difference between manual testing and automation.

CO6: Understand software testing tools and quality terms

CA-603 : Advanced Java
After successful completion of this course, students will be able to:

   CO1: Know the concepts of JDBC Programming.

   C02: Understand the concepts of Multithreading and Socket Programming.

   CO3: Know the concepts of Spring and Hibernate.

   CO4: Develop the project by using JSP and JDBC.

   CO5: Develop applications in Spring and hibernate.

CA-604 :Android Programming
After successful completion of this course, students will be able to:

   CO1:Write simple GUI applications, use built-in widgets and work with the database to store data locally, and much more.

   CO2:Demonstrate their understanding of the fundamentals of Android operating systems.

   CO3:Demonstrate their skills of using Android software development Tools.

CA-604 : Dot Net Framework
After successful completion of this course, students will be able to:

   CO1:Use the features of Dot Net Framework along with the features of VB, C# and ASP.

   CO2: Design and develop window based and web based .NET applications.

   CO3: Design and develop a Website.

   CO4: Design and Implement database connectivity using ADO.NET for VB, C# and ASP.

DSE– 605: Project
CO1: Learn the basic concept of Programming.

CO2: Understand how to use programming in day to day applications.

CO3: Learn Database connection, Servlets, jsp real world applications.

CA-606 :Computer Laboratory Based on 603 and 604
After successful completion of this course, students will be able to:

CO1: Implement the theory learnt in 603 and 604 through various practical assignments.

CA-607 :Soft Skill
After successful completion of this course, students will be able to:

CO1:Understand the significance and essence of a wide range of soft Skills.

CO2: Learn how to apply soft skills in a wide range of routine social and professional settings.

CO3:Learn how to employ soft skills to improve interpersonal relationships.

CO4: Learn how to employ soft skills to enhance employability and ensure workplace and career success.

PRINCIPAL
PRATIBHA COLLEGE OF
COMMERCE & COMPUTER STUDIES
CHINCHWAD, PUNE - 411 019.