

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Cyber Security (SEM V)

### **Course Outcomes**

CO1: To understand the fundamentals of cyber security.

CO2: To understand various categories of Cybercrime, Cyber-attacks on mobile, tools and techniques used in Cybercrime and case studies.

CO3: To have an overview of the Cyber laws and concepts of Cyber forensics.

CO4: Identify attacks, security policies and credit card frauds in mobile and Wireless Computing Era.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Object Oriented Software Engineering (SEM V)

### **Course Outcomes**

CO1: To understand the fundamentals of object modeling

CO2: To understand and differentiate Unified Process from other approaches.

CO3: To design with static UML diagrams.

CO4: To design with the UML dynamic and implementation diagrams.

CO5: To improve the software design with design patterns.

CO6: To test the software against its requirements specification.

CO7: Students will be able to give Design Specifications for Project.

CO8: Students will acquire Knowledge in Basic Modeling.

CO9: Students will acquire Project Management Skills.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Core Java (SEM V)

### **Course Outcomes**

CO1: To introduce the object-oriented programming concepts.

CO2: To understand object-oriented programming concepts, and apply them in solving problems.

CO3: To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes

CO4: To introduce the implementation of packages and interfaces

CO5: To introduce the concepts of exception handling and multithreading.

CO6: To introduce the design of Graphical User Interface using applets and swing controls.

CO7: Able to solve problems using java collection framework and I/O classes.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: MongoDB (SEM V)

### **Course Outcomes**

CO1: Understand importance of NoSQL Databases.

CO2: Learn various MongoDB commands and MongoDB design goals.

CO3: Design basic and general-purpose database using MongoDB.

CO4: Learned to work with MongoDB shell and MongoDB tools.

CO5: Able to do Schema design, Data modelling and all sorts of CRUD Operations.

CO6: Learned to optimize query performance.

CO7: Become capable to analyze the data stored in MongoDB.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject : Python (SEM V)

### **Course Outcomes**

CO1: To learn and understand Python programming basics and paradigm.

CO2: To learn and understand python looping, control statements and string manipulations.

CO3: Students should be made familiar with the concepts of GUI controls and designing GUI applications.

CO4: To learn and know the concepts of file handling, exception handling.

CO5: Define and demonstrate the use of built-in data structures "lists" and "dictionary".

CO6: Design and implement a program to solve a real world problem.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Internet of Things (SEM V)

### **Course Outcomes**

CO1: To understand technical aspects of Internet of things.

CO2: To describe smart objects and IoT Architecture.

CO3: To study and compare different Application protocols of IoT.

CO4: To understand IoT platform using Arduino Uno.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Recent Trends in IT (SEM V)

### **Course Outcomes**

- CO1: To introduce upcoming trends in Information technology.
- CO2: To study Eco friendly software development Concepts.
- CO3: To provide a strong foundation of fundamental concepts in Artificial Intelligence.
- CO4: To evaluate the performance of various data mining task.
- CO5: To understand Data analytics using Spark Programming.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Software Testing (SEM VI)

### **Course Outcomes**

CO1: To provide learner with knowledge in Software Testing techniques.

CO2: To understand how testing methods can be used as an effective tool in providing quality assurance for software.

CO3: To provide skills to design test case plan for testing software.

CO4: Students will be introduced to testing tools.

CO5: Students will acquire Knowledge of Basic SQA.



Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Advanced Java (SEM VI)

### **Course Outcomes**

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.

CO4: Students will know the concepts of JDBC Programming.

CO5: Students will know the concepts of Multithreading and Socket Programming

CO6: Students will know the concepts of Spring and Hibernate.

CO7: Students will develop the project by using JSP and JDBC.

CO8: Students will develop applications in Spring and hibernate.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Android Programming (SEM VI)

### **Course Outcomes**

CO1: To understand the Android Operating System and develop applications using Google's Android Open- source platform.

CO2: To understand the issues relating to Wireless applications.

CO3: Student will be able to write simple GUI applications, use built-in widgets and components, work with the database to store data locally, and much more.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Dot Net Framework (SEM VI)

### **Course Outcomes**

CO1: To learn Microsoft framework architecture.

CO2: Understand development of windows application.

CO3: To learn data access mechanism.

CO4: Create and consume libraries.

CO5: Create a web application.

CO6: To develop the website and application.

CO7: Use the features of Dot Net Framework along with the features of VB, C# and ASP

CO8: Design and Implement database connectivity using ADO.NET for VB, C# and ASP.

CO9: Design and develop window based and web-based .NET applications.

Kannada Sangha Pune's  
**Kaveri College of Arts, Science and Commerce, Pune**

T.Y.BBA (Computer Application)  
(2019 Pattern)

Subject: Soft Skill (SEM VI)

### **Course Outcomes**

CO1: It helps participants to communicate effectively and to carry themselves confidently.

CO2: They also learn how to identify and overcome the barriers in interpersonal relationships.

CO3: To improve oral and written communication, teamwork, leadership, problem-solving and decision-making skills, to gain best results.

CO4: This course is useful for landing a great job, building a career and also finding employment as soft skills trainers.

CO5: Understand the significance and essence of a wide range of soft skills

CO6: Learn how to apply soft skills in a wide range of routine social and professional settings.