

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

T.Y.B.Sc. (Computer Science)

Subject: - Operating Systems – I (SEM V)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Processes and Thread scheduling by operating system

CO2:-Synchronization in process and threads by operating system

CO3:-Memory management by operating system using with the help of various schemes

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

T.Y.B.Sc. (Computer Science)

Subject: - Computer Networks - II (SEM V)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Student will understand the different protocols of Application layer.

CO2:-Develop understanding of technical aspect of Multimedia Systems

CO3:-Develop various Multimedia Systems applicable in real time.

CO4:-Identify information security goals.

CO5:-Understand, compare and apply cryptographic techniques for data security.

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

T.Y.B.Sc. (Computer Science)

Subject: Web Technologies - I– (SEM V)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Understand how to develop dynamic and interactive Web Page

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

T.Y.B.Sc. (Computer Science)

Subject: – Foundations of Data Science (SEM V)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Perform Exploratory Data Analysis

CO2:-Obtain, clean/process, and transform data.

CO3:-Detect and diagnose common data issues, such as missing values, special values, outliers, inconsistencies, and localization.

CO4:-Demonstrate proficiency with statistical analysis of data.

CO5:-Present results using data visualization techniques.

CO6:-Prepare data for use with a variety of statistical methods and models and recognize how the quality of the data and the means of data collection may affect conclusions.

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

T.Y.B.Sc. (Computer Science)

Subject: Object Oriented Programming using Java - I (SEM V)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Understand the concept of classes, object, packages and Collections.

CO2:-To develop GUI based application.

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

T.Y.B.Sc. (Computer Science)

Subject: Theoretical Computer Science (SEM V)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Understand the use of automata during language design.

CO2:-Relate various automata and Languages.

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

T.Y.B.Sc. (Computer Science)

Subject: Practical Course based on CS - 351(SEM V)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Process synchronization

CO2:-Processes and Thread Scheduling by operating system

CO3:-Memory management by operating system using with the help of various schemes

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

T.Y.B.Sc. (Computer Science)

**Subject: Practical Course based on CS - 353 and CS - 354(SEM V)
(CBCS 2019 Pattern)**

Course Outcomes

CO1:-Understand how to develop dynamic and interactive Web Page

CO2:-Prepare data for use with a variety of statistical methods and recognize how the quality of the data may affect conclusions.

CO3:-Perform exploratory data analysis

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

T.Y.B.Sc. (Computer Science)

Subject: Practical Course based on CS - 355(SEM V)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.

CO2:-Read and make elementary modifications to Java programs that solve real-world problems.

CO3:-Validate input in a Java program.

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

T.Y.B.Sc. (Computer Science)

Subject: Python Programming (SEM V)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Develop logic for problem solving

CO2:-Determine the methods to create and develop Python programs by utilizing the data

CO3:-Structures like lists, dictionaries, tuples and sets.

CO4:-To be familiar about the basic constructs of programming such as data, operations, conditions, loops, functions etc.

CO5:-To write python programs and develop a small application project

CO6:-Understand and design code generation schemes

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

T.Y.B.Sc. (Computer Science)

Subject: Blockchain Technology (SEM V)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Learn the fundamentals of Blockchain Technology.

CO2:-Learn Blockchain programming

CO3:-Basic knowledge of Smart Contracts and how they function.

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

T.Y.B.Sc. (Computer Science)

Subject: Operating Systems-II (SEM VI)
(CBCS 2019 Pattern)

Course Outcomes

CO1:-Management of deadlocks and File System by operating system

CO2:-Scheduling storage or disk for processes

CO3:-Distributed Operating System and its architecture and the extended features in mobile OS.

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

T.Y.B.Sc. (Computer Science)

Subject: Software Testing (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-To understand various software testing methods and strategies.

CO2:-To understand a variety of software metrics, and identify defects and managing those defects for improvement in quality for given software.

CO3:-To design test cases and test plans, review reports of testing for qualitative software.

CO4:-To understand latest testing methods used in the software industries.

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

T.Y.B.Sc. (Computer Science)

Subject: Web Technologies - II (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Build dynamic website.

CO2:-Using MVC based framework easy to design and handling the errors in dynamic website.

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

T.Y.B.Sc. (Computer Science)

Subject: Data Analytics (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Use appropriate models of analysis, assess the quality of input, and derive insight from results.

CO2:-Analyze data, choose relevant models and algorithms for respective applications

CO3:-Understand different data mining techniques like classification, prediction, clustering and association rule mining

CO4:-Apply modeling and data analysis techniques to the solution of real world business problems

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

T.Y.B.Sc. (Computer Science)

Subject: Object Oriented Programming using Java – II (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-To access open database through Java programs using Java Data Base Connectivity (JDBC) and develop the application.

CO2:-Understand and Create dynamic web pages, using Servlets and JSP.

CO3:-Work with basics of framework to develop secure web applications.

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

T.Y.B.Sc. (Computer Science)

Subject: Compiler Construction (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Understand the process of scanning and parsing of source code.

CO2:-Learn the conversion code written in source language to machine language.

CO3:-Understand tools like LEX and YACC.

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

T.Y.B.Sc. (Computer Science)

Subject: Practical Course based on CS - 361 (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Management of deadlocks by operating system

CO2:-File System management

CO3:-Disk space management and scheduling for processes

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

T.Y.B.Sc. (Computer Science)

Subject: Practical Course based on CS - 363 and CS - 364 (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-Build dynamic website.

CO2:-Using MVC based framework easy to design and handling the errors in dynamic website.

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

T.Y.B.Sc. (Computer Science)

Subject: Practical Course based on CS - 365 (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-To Learn database Programming using Java

CO2:-Understand and Create dynamic web pages using Servlets and JSP.

CO3:-Work with basics of framework to develop secure web applications

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

T.Y.B.Sc. (Computer Science)

Subject: Software Testing Tools (SEM VI)

(CBCS 2019 Pattern)

Course Outcomes

CO1:-To understand various software testing methods and strategies.

CO2:-To understand a variety of software metrics and identify defects and managing those defects for improvement in quality for given software.

CO3:-To design test cases and test plans, review reports of testing for qualitative software.

CO4:-To understand latest testing tools used in the software industries.