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

S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Data Structures and Algorithms – I (SEM-III)

Course Outcomes

CO1: To use well-organized data structures in solving various problems

CO2. To differentiate the usage of various structures in problem solution

CO3. Implementing algorithms to solve problems using appropriate data structures

S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Software Engineering (SEM-III)

Course Outcomes

CO1: Compare and chose a process model for a software project development

CO2: Identify requirements analyze and prepare models

CO3: Prepare the SRS, Design document, Project plan of a given software system

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

CBCS Pattern (2020-21)

Microcontroller Architecture & Programming (SEM-III)

Course Outcomes

CO1: To write programs for 8051 microcontroller

CO2. To interface I/O peripherals to 8051 microcontroller

CO3. To design small microcontroller based projects

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

CBCS Pattern (2020-21)

Digital Communication and Networking (SEM-III)

Course Outcomes

CO1: Define and explain terminologies of data communication

CO2: Understand the impact and limitations of various digital modulation techniques

CO3: To acknowledge the need of spread spectrum schemes.

CO4: Identify functions of data link layer and network layer while accessing communication link

CO5:To choose appropriate and advanced techniques to build the computer network

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S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Paper III, Practical Course (SEM-III)

Course Outcomes

CO1: To design and build his/her own microcontroller based projects

CO2: To acquire skills of Embedded C programming

CO3: To know multiplexing and modulation techniques useful in developing wireless application

CO4. Do build and test own network and do settings

S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

DATA STRUCTURES AND ALGORITHMS-II (SEM-IV)

Course Outcomes

CO1: Implementation of different data structures efficiently

CO2: Usage of well-organized data structures to handle large amount of data

CO3: Usage of appropriate data structures for problem solving

S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Computer Networks-I (SEM-IV)

Course Outcomes

CO1: Have a good understanding of the OSI and TCP/IP Reference Models and in particular have a good knowledge of Layers

CO2: Understand the working of various protocols

CO3: Analyze the requirements for a given organizational structure and select the most appropriate networking architecture and technologies

S.Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Embedded System Design (SEM-IV)

Course Outcomes

CO1: To understand the difference between general computing and the Embedded systems

CO2: To know the fundamentals of embedded systems

CO3: Understand the use of Single board Computer (Such as Raspberry Pi) for an embedded system application

CO4: Familiar with the programming environment to develop embedded systems and their interfaces with peripheral devices

CO5: To develop familiarity with tools used to develop in an embedded environment

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S. Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Wireless Communication and Internet of Things (SEM-IV)

Course Outcomes

CO1: Know working of wireless technologies such as Mobile communication, GSM, GPRS

CO2: Become familiar with 3G and 4G Cellular Network Technologies for Data Connections.

CO3: Understand working principles of short range communication application

CO4: Get introduce to upcoming technology of Internet of Things

CO5: Explore themselves and develop new IoT based applications

S. Y. B.Sc (Computer Science)

CBCS Pattern (2020-21)

Paper III, Practical Course (SEM-IV)

Course Outcomes

CO1: To design and develop own smart applications using Rasberry-Pi

CO2: To write Python program for simple applications

CO3: To build own IoT based system

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

CBCS Pattern (2020-21)

Mathematics (SEM III & SEM IV)

Course Outcomes

CO1: A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations, terminology and recognize basic geometrical figures and graphical displays, state important facts resulting from their studies.

CO2: A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.

CO3: A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.

CO4: A student be able to apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.

CO5: A student should be made aware of history of mathematics and hence of its past, present and future role as part of our culture.

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

CBCS Pattern (2020-21)

English (SEM III & SEM IV)

Course Outcomes

CO1 : To introduce the use of English in multimedia

CO2 : To acquaint the students with the language skills in
multivalent contexts

CO3 : To acquaint and enlighten students regarding the speaking
skill in various contexts

CO4 : To acquaint and familiarize the students with advanced
writing skills in different contexts

CO5 : To acquaint and familiarize the students with soft skills

CO6 : To minimize the gap between the existing communicative
skills of the students and the skills they require at
professional level

CO7 : To develop competence among the students to appreciate
and analyze short stories and poetry