M. Sc. Computer Applications (2022-23) Autonomous

CBCS Pattern

Course Outcomes:

M.Sc.(Computer Applications) Part I (Semester I)

After successfully completing this course, students will be able to

Subject Code	Subject Name	Course Outcome
22- CA-CCTP-1	Web Technology	CO1: Implement interactive web page(s) using HTML, CSS and JavaScript. CO2: Design a responsive web site using HTML5 and CSS3
22-CA-CCTP-2	Advance Databases	CO1: Explain and understand the concept of a transaction and how ACID properties are maintained when concurrent transaction occurs in a database CO2: Create and populate a RDBMS for a real life application, with constraints and keys, using SQL CO3:Retrieve any type of information from a database by formulating complex queries in SQL.
22-CA-CCTP-3	Design and Analysis of Algorithm	CO1: Students will be able to select appropriate design techniques to solve real world problems. CO2: Students will be able to apply the dynamic programmingtechnique to solve the problems. CO3:Students will be able to apply the greedy programming technique to solve the problems.

22-CA-CBOTP-1 A	Object Oriented Programming with C++	CO1: Implement Object Oriented programming concept using basicsyntaxes of control Structures, strings and function for developing skills of logic building activity. CO2: Demonstrates how to achieve reusability using inheritance,interfaces and packages and describes faster application development can be achieved. CO3:Identify classes, objects, members of a class and the relationships among them needed for finding the solution to specific problems.
22-CA-CBOTP-1A	Object Oriented Programming with C++ Lab	CO1: Understand the difference between the top-down and bottom-up approach CO2: Describe the object-oriented programming approach in connection with C++

M.Sc.(Computer Applications) Part I (Semester II)

After successfully completing this course, students will be able to

Subject Code	Subject Name	Course Outcome
22-CA-CCTP-4	Data Mining and Data Warehousing	CO1: Store voluminous data for online processing CO 2: Preprocess the data for mining applications CO3:Apply the association rules for mining the data
22-CA-CCTP-5	Operating systems	CO1: Identify basic components of the operating system. CO2: Conceptualize synchronization amongst various componentsof a typical operating system. CO3: Understand and simulate activities of various operating system components.

		CO 4:Correlate basic concepts of operating system with an existing operating system.
22-CA-CCTP-6	Computer Networks	CO1: Understand the concepts of Data Communication. CO2: Study the functions of OSI Layers. CO3:Familiarise with the Transmission Media, Flow Control and Error Detection & Correction.
22-CA-CBOTP-2 A	Java Programming	CO1: Understand the knowledge of java programming and object oriented concepts CO2: the use of Java in a variety of technologies and on different platforms.
2-CA-CBOTP-2 A	JAva Programming Lab	CO1: knowledge of the structure and model of the Javaprogramming language, (knowledge) CO2:develop software in the Java programming language, (application)
22-CA-CCPP-2	Data Mining Data Warehousing Lab	CO1: get familiar with WEKA and R software for data mining and warehousing.