**M.E.S. Vasant Joshi College of Arts and Commerce, Zuarinagar-Goa**

**Academic Year 2024-2025**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**B.COM. Course Outcomes under NEP 2020**

**B.COM SEMESTER-I**

**Computer Science MC- Emerging Trends in Computer Course Code: CSC-131**

The students will be able to learn:

CO1: Remember different emerging technologies.

CO2: Define emerging trends in computer science.

CO3: Select appropriate technology for a given task.

CO4: Identify necessary inputs for applications of emerging technologies

**Computer Science SEC - Data Analytics using Spreadsheets I    Course Code: CSC-143**

The students will be able to learn:

CO1: Format a given spreadsheet with various formatting features and use appropriate functions given relevant description of desired output.

CO2: Sort, filter, summarize data given in a spreadsheet as per given instructions.

CO3: Visualize data using appropriate charts and conditional formatting. 2

CO4: Solve basic queries on a given data set by preparing basic pivot tables for a given data set.

**B.COM SEMESTER: II**

**Computer Science MC - Computer Applications                Course Code: CSC-132**

The students will be able to learn:

CO1: Understand the essential of information technology concepts

CO2: Develop practical skills in data capture, analysis and presentation, report formatting

CO3: Use a range of current, standard, office productivity software applications

CO4: Apply the basic concepts of a word processing package, electronic spreadsheet and PowerPoint tool

**Computer Science SEC- Data Analytics using Spreadsheets II   Course Code: CSC-148**

The students will be able to learn:

CO1: Use conditional arithmetic functions to summarize data and use financial functions, given a spreadsheet with data and relevant description of desired output.

CO2: Perform what-if analysis and data validation on given data for a given scenario.

CO3: Summarize and analyze data using Pivot Tables and Pivot Charts.

CO4: Apply and visualize data using Dashboard and descriptive statistics using Analysis ToolPak

**Computer Science VAC -Awareness of Cyber Crimes and Security Course Code: VAC-110**

The students will be able to learn:

CO1: Aware of the various cybercrimes and will be able to guide others.

CO2: Understand the global problems faced by individuals, organisations due to cybercrimes and attacks.

CO3: Apply the cyber security analysis to mitigate and prevent such attacks.

**B.COM SEMESTER III**

**Computer Science MC - Web Designing                        Course Code: CSC-231**

The students will be able to learn:

 CO1: Recall and list key web design terminology, principles, and tools.

CO2: Explain the functionalities and purposes of different web development technologies like HTML, CSS, and JavaScript.

CO3: Apply different types features and functionalities of static and dynamic sites, content management systems, and e-commerce platforms.

CO4: Analyse existing websites based on UX principles and accessibility guidelines.