



**DEPARTMENT OF COMPUTER SCIENCE
COURSE OUTCOME
UNDER CBCS**

GENERIC ELECTIVES (GE)

Semester-I

CMSG-CC-1-Th (Computer Fundamentals and Digital Logic Design)

CO1: To familiarize students about the basic fundamental design and building blocks of computer system.

CO2: Learn the Boolean logic and circuit design.

CO3: Learn about different Combinational and Sequential Logic circuits and their functionalities.

CMSG-CC-1-Pr (Word Processing, Spreadsheet, Presentation and Web Design by HTML)

CO1: To familiarize Student about the office package (Word, Excel, and PowerPoint Presentation in open source environment.

CO2: Learn the webpage design using HTML.

Semester-II

CMSG-CC-2-Th (Algorithm and Data Structure)

CO1: To be familiar with fundamental data structures and with the manner in which these data structures can best be implemented; become accustomed to the description of algorithms in both functional and procedural styles.

CO2: Ability to choose a data structure to suitably model any data used in computer applications.

CMSG-CC-2-Pr (Programming with C)

CO1: Learn about the strategies of writing efficient and well-structured computer programs.

CO2: Develop the skills for formulating iterative solutions to a problem.

Semester-III

CMSG-CC- 3-Th (Computer Organization)

CO1: To familiarize the students with arithmetic and logic unit as well as the concept of the concept of pipelining.

CO2: To familiarize the students with hierarchical memory system including cache memories and virtual memory.

CO3: To make students know the different ways of communicating with I/O devices and standard I/O interfaces.

CMSG-CC-3-Pr (Programming using Python)

CO1: To familiarize the students with object oriented programming and procedure oriented programming.

CO2: To familiarize the students with nowadays very much popularity of the software especially in IT base companies for web application, database handling etc.

Semester-IV

CMSG-CC-4-Th (Operating System)

CO1: Describe the important computer system resources and the role of operating system in their management policies and algorithms.

CO2: Understanding of design issues associated with operating systems.

CMSG-CC-4-Pr (Shell Programming)

CO1: To learn the command substitution to capture program output.

CO2: To learn the conditional statements to control the execution of shell scripts.
