Course Outcome

Course Code: CMSGCOR01T

Course Name: Problem Solving with Computer

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Student should be able to understand the logic building used in Programming.
CO2	Students should be able to write algorithms for solving various real life problems.
CO3	To convert algorithms into programs using Python.

Course Code: CMSGCOR01P

Course Name: Problem Solving with Computer

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Implementing logic or algorithm using python.
CO2	Students should be able to write program.
CO3	Students solved the real life problem using python.

Course Code: CMSGCOR02T

Course Name:DBMS

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Understand the basic concepts of DBMS.
CO2	Formulate, using SQL, solutions to a broad range of query and data update problems.
CO3	Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database
CO4	Understand the concept of Transaction and Query processing in DBMS.

Course Code: CMSGCOR02P

Course Name:DBMS

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Implementing SQL commands.
CO2	To solved a broad range of query.
CO3	Implementing aggregate function using SQL.

Course Code: CMSGCOR03T

Course Name:OS

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Discuss the evaluation of operating systems.
CO2	Explain different resource managements performed by operating system.
CO3	Describe the architecture in terms of functions performed by different types of operating systems.
CO4	Analyze the performance of different algorithms used in design of operating system components.

Course Code: CMSGCOR03P

Course Name:LINUX

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	How to install Linux and its utilities.
CO2	To implements different types of commands in Linux.
CO3	Implementing Shell Script programs.

Course Code: CMSGCOR04T

Course Name:Computer System Architecture

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Know about the basic functioning of various parts of computer system from hardware point of view and interfacing of various peripheral devices used with the system.
CO2	Learn number system and various types of micro-operations of processor.
CO3	Learn the communication of various components through common bus.
CO4	Learn how to design Combinational & Sequential circuits.

Course Code: CMSGCOR04P

Course Name:Computer System Architecture

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Basic concepts on opcode for assembly level language.
CO2	Implementing assembly level program.
CO3	To solved some basic problem using ALP.

Course Code:CMSGDSE01T

Course Name:Programming in JAVA

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	To learn programming from real world examples.
CO2	To understand Object oriented approach for finding Solutions to various problems with the help of Java language.
CO3	To create computer based solutions to various real-world problems using Java.
CO4	To learn various concepts of object oriented approach towards problem solving

Course Code:CMSGDSE02T

Course Name:Discrete Structures

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Represent data using various mathematical notions.
CO2	Explain different terms used in basic Discrete mathematics.
CO3	Describe various operations and formulas used to solve mathematical problems.
CO4	To learn various concepts of Graph theory.
CO5	To learn some algorithm notations.

Course Code:CMSGDSE03T

Course Name:Software Engineering

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Aware about the engineering approach to analysis, design and built the software
CO2	Understand the phases and activities involved in the conventional software life cycle models.
CO3	Analyse problems, and identify and define the computing requirements appropriate to its solution.
CO4	Apply design and development principles in the construction of software systems of varying complexity.
CO5	Apply current techniques, skills, and tools necessary for computing practice.

Course Code:CMSGDSE04T

Course Name:Computer Networks

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Familiar with the different Network Models.
CO2	Understand different network technologies and their application.
CO3	update with different advanced network technologies that can be used to connect different networks
CO4	Familiar with various hardware and software that can help run a smooth network.

Ability Enhancement Compulsory Course

AECC1: Environmental Studies

Course Outcomes:

1. Students will enable to understand environmental problems at local and national level through literature and general awareness.

2. The students will gain practical knowledge by visiting wildlife areas, environmental institutes and various personalities who have done practical work on various environmental Issues.

3. The students will apply interdisciplinary approach to understand key environmental issues and critically analyze them to explore the possibilities to mitigate these problems.

4. Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

Ability Enhancement Compulsory Course

AECC2: English

Course Outcomes:

The objective of this course is to introduce students to the theory,

- Fundamentals and tools of communication. To help the students become the independent users of English language.
- To develop in them vital communication skills which are integral to their
- Personal, social and professional interactions. The syllabus shall address the issues relating to the Language of communication.
- Students will become proficient in professional communication such as interviews,
- Group discussions, office environments, important reading skills as well as writing skills such as report writing, note taking etc.

The recommended readings given at the end are only suggestive; the students and teachers have the freedom to consult other materials on various units/topics given below.

Similarly, the questions in the examination will be aimed towards assessing the skills learnt by the students rather than the textual content of the recommended books.

Skill Enhancement Courses

Course Code:CMSSSEC01M

Course Name:Programming in Python

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Familiar with Python environment, data types, operators used in Python.
CO2	Compare and contrast Python with other programming languages.
CO3	Learn the use of control structures and numerous native data types with their methods.
CO4	Learn the use of control structures and numerous native data types with their methods.
CO5	Design user defined functions, modules, and packages and exception handling methods.
CO6	Create and handle files in Python and learn Object Oriented Programming Concepts.

Course Code:CMSSSEC02M

Course Name:R Programming

Course Outcomes: After studying this course, students will be able to:

CO#	Course Outcomes
CO1	Familiar with Python environment, data types, operators used in R.
CO2	Compare and contrast R with other programming languages.
CO3	Learn the use of control structures and numerous native data types with their methods.
CO4	Learn the use of control structures and numerous native data types with their methods.
CO5	Design user defined functions, modules, and packages and exception handling methods.