



PRINCE SHRI VENKATESHWARA ARTS AND SCIENCE COLLEGE

Gowrivakkam, Chennai-600073.

Affiliated to University of Madras, ISO 9001:2015 Certified Institution

Recognized by UGC under section 2(f) of UGC Act 1956

DEPARTMENT OF COMPUTER SCIENCE

2022-2023

COURSE OUTCOMES

YEAR/ SEM: I/ I – LA11A - TAMIL I

NO.	COURSE OUTCOME
C101.1	மரபு மற்றும் புதுக்கவிதைகளின் வாயிலாக அக்காலச் சூழல் மற்றும் சமூகச் சிக்கல்களை அறிகின்றனர்.
C101.2	நாட்டுப்புறப்பாடல்களின் வாயிலாக சமூகஅமைப்பு, வேளாண் செய்திகள் மற்றும் நீர்ப்பாசனம் போன்ற செய்திகளை அறிகின்றனர்.
C101.3	சிறுகதை மற்றும் உரைநடையின் வாயிலாகப் பல்வேறுகாலச் சூழல்களை அறிகின்றனர்.
C101.4	நாற்காலிக்காரர் நாடகத்தின் வாயிலாக தேர்தல் களம் பற்றி அறிகின்றனர்.
C101.5	மொழிப்பயிற்சியின் வாயிலாக வாக்கியங்கள், இருவழக்குகள், சொல்வகைகள் ஆகியவற்றை அறிகின்றனர்.

YEAR/ SEM: I/ I – CLE1E - HINDI I

NO.	COURSE OUTCOME
C102.1	To identify the theme and aims of prose lessons and functional Hindi
C102.2	To understand and summarise the theme
C102.3	To explain the ideology of literary works and writers
C102.4	To interpret the contextual meaning and differentiation
C102.5	To evaluate on the basis of elements, features and trends of prose



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YEAR/ SEM: I/I- LZ11A – COMMUNICATIVE ENGLISH I

NO.	COURSE OUTCOME
C103.1	To develop the knowledge of skillful learning.
C103.2	Ability to write coherent paragraphs with wide range of vocabulary
C103.3	To teach the aspects of grammar
C103.4	To learn word power and vocabulary skills other aspects of Communicative skill
C103.5	Ability to participate in short group conversations. Ability to use collocations, fixed and semifixed expressions

YEAR/ SEM: I/I- SE21A – PROBLEM SOLVING USING PYTHON

NO.	COURSE OUTCOME
C104.1	To use and explain the fundamentals of Python programming, conditional statements, control statements and loops
C104.2	To apply the proficiency in handling Numbers, Strings and functions to solve computational problems.
C104.3	To select various data structures in python such as List, Tuple, Set and Dictionary
C104.4	To use common operations involved in file handling and Exception handling
C104.5	To design and develop solution for real-time application using Database operations

YEAR/ SEM: I/I- SE211 – PROBLEM SOLVING USING PYTHON LAB

NO.	COURSE OUTCOME
C105.1	To gain proficiency in Python programming, including understanding basic syntax, data types and control structures and functions
C105.2	To develop algorithmic thinking skills which involves breaking down a problem into smaller, solvable components and designing efficient algorithms to solve



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	them
C105.3	Understanding and using fundamental data structures in Python, such as lists, dictionaries, sets and tuples
C105.4	To be familiar with commonly used Python libraries and modules, such as NumPy for numerical computing, pandas for data manipulation, and matplotlib for data visualization
C105.5	Aiming to enhance students' problem-solving skills by providing them with various programming challenges and project

YEAR/ SEM: I/I- SM3AA – MATHEMATICS I

NO.	COURSE OUTCOME
C106.1	To apply tools and ideas in Mathematics to Solving Applied Problems
C106.2	To understand the importance of Matrices and their Applications
C106.3	To acquire ideas on the Theory of Equations and its Applications
C106.4	To understand knowledge about the Expansions of Trigonometric Functions, Hyperbolic Functions
C106.5	To make the students understand the Summation of Series

YEAR/ SEM: I/I- SM5AA – FUNCTIONAL MATHEMATICS I

NO.	COURSE OUTCOME
C107.1	To apply Mathematical methodologies to understand and to solve problems
C107.2	To understand brief description of learning objective
C107.3	To understand Quantitative Reasoning
C107.4	To understand Quantitative reasoning, mental alertness
C107.5	To arithmetic ability in problems solving and mathematical skills. Important measure for a prospective Business executive ability



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YEAR/ SEM: I/I- NLT1C – BASIC TAMIL

NO.	COURSE OUTCOME
C108.1	தமிழ் எழுத்துகளைத் தெரிந்து கொள்ளுதல்.
C108.2	தமிழ் ஒலியன்களை உச்சரிக்கக்கற்றுக் கொள்ளுதல்.
C108.3	எழுத்துக்களைக் கொண்டு சொற்களை உருவாக்குதல்.
C108.4	அன்றாடப் பயன்பாட்டு சொற்களைப் பயிற்றுவித்தல்.
C108.5	தமிழ் மொழியை அறிந்து கொள்ளுதல்.

YEAR/ SEM: I/I- PZ1SA – ENGLISH FOR PHYSICAL SCIENCES

NO.	COURSE OUTCOME
C109.1	To listen and comprehend complex academic texts
C109.2	To read and infer the denotative and connotative meanings of technical texts
C109.3	To write definitions, descriptions, narrations and essays on various topics
C109.4	To speak fluently and accurately in formal and informal communicative contexts
C109.5	To express their opinions effectively in both oral and written medium of communication

YEAR/ SEM: I/II-LA12A– TAMIL II

NO.	COURSE OUTCOME
C110.1	சங்க இலக்கியங்களின் வாயிலாக அக்காலமக்களின் வாழ்வியலை அறிகின்றனர்.
C110.2	புறநானூற்றின் வாயிலாக மன்னர்களின் போர்ச் சமூக அமைப்பை அறிகின்றனர்.
C110.3	முல்லைப்பாட்டின் வாயிலாக முல்லைநிலமக்களின் வாழ்வியல், பண்பாடு



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	ஆகியவற்றை அறிகின்றனர்.
C110.4	திருக்குறள் மற்றும் நாலடியார் வாயிலாக ஈகை மற்றும் ஒழுக்கத்தை அறிகின்றனர்.
C110.5	மொழிப்பயிற்சி வாயிலாக தமிழைப் பிழையில்லாமல் எழுதவும் பேசவும் அறிகின்றனர்.

YEAR/ SEM: I/II- LE12A – HINDI II

NO.	COURSE OUTCOME
C111.1	To understand the Drama and the stories based on social problems.
C111.2	To understand the change in content and style of expression in short stories in the modern period
C111.3	To develop the skills of Translation from Hindi to English by using highly technical words
C111.4	To analyze the development of a one-act play
C111.5	To learn technical words

YEAR/ SEM: I/II-LZ12A – COMMUNICATIVE ENGLISH II

NO.	COURSE OUTCOME
C112.1	Ability to comprehend both the written and spoken texts. Ability to frame questions and answer them. Ability to write/speak grammatically correct sentences
C112.2	To enroll people in our ideas, our visions, and our visions
C112.3	To enhance listening skills
C112.4	Awareness of the art of personal letter/email writing without grammatical errors
C112.5	To analyse crucial for effectiveness – particularly in sales or leadership roles

YEAR/ SEM: I/II- SE22A – COMPUTER ORGANIZATION



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NO.	COURSE OUTCOME
C113.1	To describe the major components of a computer system and state their function and purpose
C113.2	To describe the microstructure of a processor
C113.3	To demonstrate the ability to program a microprocessor in assembly language
C113.4	To classify and describe the operation DMA and peripheral Interfaces
C113.5	To identify the elements of modern instructions sets and their impact on processor designs

YEAR/ SEM: I/II– SE221 – COMPUTER ORGANIZATION LAB-PRACTICAL-II

NO.	COURSE OUTCOME
C114.1	To implement the arithmetic operations in assembly language programming
C114.2	To understand the programming logic of 8085 in various aspects
C114.3	To design combinational circuits for basic components of computer system and applications
C114.4	To analyse the operational behavior and applications of various flip-flop
C114.5	To design Arithmetic logic units and different types of memory blocks

YEAR/ SEM: I/II– SM3AE – MATHEMATICS II

NO.	COURSE OUTCOME
C115.1	To gain knowledge about basic concepts of Differential Equation, Laplace Transforms, Vector Analysis and Calculus
C115.2	To acquire the knowledge of mathematics to Computer studies
C115.3	To understand the different methods of solving Laplace and Inverse Laplace Transforms problems and applying it on solving Differential Equations.



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C115.4	To understand the Types of Integration and Reducing Formula
C115.5	To apply ideas in Vector analysis and understanding the Interpretation in Science

YEAR/ SEM: I/II- NLT2D – BASIC TAMIL

NO.	COURSE OUTCOME
C116.1	தமிழ் இலக்கியங்களை அறிந்து கொள்ளுதல்.
C116.2	அற இலக்கியங்களைத் தெரிந்து கொள்ளுதல்.
C116.3	திருக்குறளின் சிறப்புகளை அறிந்து கொள்ளுதல்.
C116.4	தமிழர்களின் பண்பாடு ,நாகரிகம் போன்றவற்றைத் தெரிந்து கொள்ளுதல்.
C116.5	தமிழகத்தின் விழாக்களை அறிந்து கொள்ளுதல்.

YEAR/ SEM: I/II- SM5AB – FUNCTIONAL MATHEMATICS II

NO.	COURSE OUTCOME
C117.1	To make mathematics functional in everyday life
C117.2	To include recognizing and being able to solve Mensuration problems
C117.3	To understand and evaluate problems in Time, Work and Distance
C117.4	To have a grasp of stock and shares
C117.5	To make effective use in better understanding the world and in meeting its challenges

YEAR/ SEM: I/II- PZ1SC – ENGLISH FOR PHYSICAL SCIENCE -II

NO.	COURSE OUTCOME
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C118.1	To understand the basic objective of the course by being acquainted with specific dimensions of communication skills i.e., Reading, Writing, Listening, Thinking and Speaking
C118.2	To create substantial base by the formation of strong professional vocabulary for its application at different platforms and through numerous modes as Comprehension, reading, writing and speaking etc
C118.3	Students will apply it at their work place for writing purposes such as Presentation/official drafting/administrative communication and use it for document/project/report/research paper writing.
C118.4	To evaluate the correct & error-free writing by being well-versed in rules of English grammar & cultivate relevant technical style of communication & presentation at their work place & also for academic uses
C118.5	To apply it for practical and oral presentation purposes by being honed up in presentation skills and voice-dynamics. They will apply techniques for developing inter-personal communication skills and positive attitude leading to their professional competence.

YEAR/ SEM: II/III- LA13A – TAMIL III

NO.	COURSE OUTCOME
C201.1	பல்லவர்காலத்தில் நாயன்மார்கள் மற்றும் ஆழ்வார்களின் பக்திநெறிகளை அறிகின்றனர்.
C201.2	இசுலாமியர் மற்றும் கிறித்தவர்கள் தமிழிக்குச் செய்த தொண்டினை அறிகின்றனர்.
C201.3	நாயக்கர் காலத்தில் தோன்றிய சிற்றிலக்கியங்களின் வளர்ச்சிநிலைகளை அறிகின்றனர்.
C201.4	சமயங்கள் வளர்த்த இலக்கியங்களை அறிகின்றனர்.
C201.5	மொழிப்பயிற்சியின் வாயிலாக கடிதம் மற்றும் பிறமொழிக் கலவாமல் தமிழ்எழுத அறிகின்றனர்.

YEAR/ SEM: II/III- CLE3H – HINDI III

NO.	COURSE OUTCOME
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C202.1	To identify the literary trends of ancient Hindi literature, and social conditions and its impact on ancient poetry
C202.2	To summarise the content of prescribed poems and understand the trends of Ancient Hindi Literature
C202.3	To critical study and analysis of artistic skills of poets and their expressional skills and literary trends
C202.4	To employ the methods of interpreting contexts, ideas and identify the special features, poetic skills through practicing annotation writing
C202.5	To differentiate the subject, ideology, contribution and poetic skills with each other and also know about contemporary poets, writers and the impact of contemporary situations

YEAR/ SEM: II/III– LZ13B – LANGUAGE THROUGH LITERATURE I

NO.	COURSE OUTCOME
C203.1	To get acquainted with the different forms of poetry, prose, fiction and drama
C203.2	To get exposed to advanced level of grammatical patterns and usages in English
C203.3	To improve their skills to speak and write English accurately
C203.4	To closely analyze texts, applying critical and theoretical approaches
C203.5	To evaluate socio-cultural and historical phenomena influence the literary production of a particular period

YEAR/ SEM: II/III– SE23A – JAVA AND DATA STRUCTURES

NO.	COURSE OUTCOME
C204.1	To use and implement abstract data types such as lists, stacks, queues, and trees.
C204.2	To select the appropriate searching or sorting algorithm based on the algorithm's behavior
C204.3	To develop recursive algorithms and programs.



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C204.4	To use standard libraries or packages as well as advanced object-oriented programming techniques (polymorphism, inheritance, and encapsulation).
C204.5	To produce robust and secure programs using exception handling and extensive program testing

YEAR/ SEM: II/III– SE231 – DATA STRUCTURE USING JAVA LAB

NO.	COURSE OUTCOME
C205.1	To describe stack, queue, and linked list operation in programs
C205.2	To implement priority queue and circular queue using Java programming
C205.3	To analyze and implement different searching and sorting techniques
C205.4	To create programs with various operations in binary search tree
C205.5	To learn implementation of BFS and DFS in program

YEAR/ SEM: II/III– SP3AA – STATISTICS I

NO.	COURSE OUTCOME
C206.1	To organize, manage and present data.
C206.2	To analyze statistical data graphically using frequency distributions and cumulative frequency distributions
C206.3	To analyze statistical data using measures of central tendency
C206.4	To analyse statistical data using measures of dispersion
C206.5	To study the relationship between variables and association between variables

YEAR/ SEM: II/III– TSSEG – PERSONALITY ENRICHMENT

NO.	COURSE OUTCOME
C207.1	To develop and exhibit an accurate sense of self.



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C207.2	To demonstrate knowledge of personal beliefs and values and a commitment to continuing personal reflection and reassessment
C207.3	To evaluate and improve upon personal leadership strengths and weaknesses
C207.4	To build self-awareness, personal development, and life skills.
C207.5	To assert strengthened personal character and further, an enhanced ethical sense.

YEAR/ SEM: II/IV – LA14A – TAMIL IV

NO.	COURSE OUTCOME
C208.1	காப்பியங்களின் வாயிலாக வாழ்வியல் அறங்களை அறிகின்றனர்.
C208.2	புராணங்களின் வாயிலாக பண்பாடு, ஒழுக்கம் ஆகியவற்றை அறிகின்றனர்.
C208.3	தேம்பாவணி, சீறாப்புராணம் வாயிலாக இறைத்தூதர்களின் வாழ்வியல் மற்றும் அருட்செயல்களை அறிகின்றனர்.
C208.4	சிற்றிலக்கியங்களின் வாயிலாக பழங்கால மக்களின் வாழ்வியல் முறைகளை அறிகின்றனர்.
C208.5	மொழிப்பயிற்சியின் வாயிலாக மாணாக்கர்கள் கவிதை மற்றும் சிறுகதைப் படைக்கும் ஆற்றலைப் பெறுகின்றனர்.

YEAR/ SEM: II/IV – CLE4J – HINDI IV

NO.	COURSE OUTCOME
C209.1	To identify the modern trends of Modern Hindi literature, different forms of modern literature i.e., poetry, fiction etc.
C209.2	To summarise the content of prescribed poems and understand the trends of modern Hindi Literature
C209.3	To Critical study and analysis of artistic skills of poets and their expression skills
C209.4	To employ the methods of interpreting contexts, ideas and identify the poetic skills through practicing annotation writing
C209.5	To differentiate the subject and poetic skills of prescribe poems with each other and also know about contemporary poets, writers and the impact of



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	contemporary situations
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YEAR/ SEM: II/IV – LZ14B – LANGUAGE THROUGH LITARATURE II

NO.	COURSE OUTCOME
C210.1	Ability to comprehend both the written and spoken texts
C210.2	To broaden their vocabularies and to develop an appreciation of language
C210.3	To develop a deeper appreciation of cultural diversity by introducing them to poetry from a variety of cultures throughout the world
C210.4	Ability to write/speak grammatically correct sentences
C210.5	To create clear and compelling communication in writing and speaking skills

YEAR/ SEM: II/IV – SE24A – WEB TECHNOLOGY

NO.	COURSE OUTCOME
C211.1	To develop a dynamic webpage by the use of java script and HTML.
C211.2	To understand the general concepts of PHP scripting language for the development of Internet websites
C211.3	To understand the basic functions of MySQL database program and XML concepts
C211.4	To learn the relationship between the client side and the server side scripts
C211.5	To connect a java program to a DBMS and perform insert, update and delete operations on DBMS table.

YEAR/ SEM: II/IV – SE241 –PRACTICAL-IV- WEB TECHNOLOGY LAB

NO.	COURSE OUTCOME
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C212.1	To gain the PHP programming skills needed to successfully build interactive, data-driven sites.
C212.2	To use the MVC pattern to organize code
C212.3	To test and debug a PHP application
C212.4	To work with form data.
C212.5	To use cookies and sessions

YEAR/ SEM: II/IV – SP3AB – STATISTICS II

NO.	COURSE OUTCOME
C213.1	To understand the basic concept of Probability
C213.2	To identify the characteristics of different discrete and continuous distributions.
C213.3	To identify the type of statistical situation to which different distributions can be applied. comprehend the Sampling distributions.
C213.4	To understand how to apply statistical tests to get information from data
C213.5	To test the significant difference between means

YEAR/ SEM: II/IV – SP3A1 – STATISTICS I & II- PRACTICAL

NO.	COURSE OUTCOME
C214.1	To analyze the statistical data graphically using frequency distribution and cumulative frequency distribution
C214.2	To analyse statistical data using measures of central tendency and variations
C214.3	To understand relationship between variables and association between categorical data
C214.4	To find the expected frequency for the given distribution



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C214.5	To test the significant difference between means, variance and attributes
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YEAR/ SEM: II/IV – TSSEN – QUANTITATIVE APPTITUDE

NO.	COURSE OUTCOME
C215.1	To apply Quantitative Reasoning and Mathematical Methodologies to understand and to solve problems
C215.2	To understand Brief Description of Learning Objective
C215.3	To acquire Mental Alertness and have a sharp mind
C215.4	Quantitative aptitude is tested in various competitive examinations
C215.5	Quantitative aptitude is an important measure for prospective business executives' abilities.

YEAR/ SEM: II/IV – ENV4B – ENVIRONMENTAL STUDIES

NO.	COURSE OUTCOME
C216.1	To know the scope and importance of environmental studies and to create public awareness for environmental protection
C216.2	To Elucidate the problems created by the over utilization of resources and to suggest alternate energy to meet our energy crisis/demand
C216.3	To give a neat sketch explanation of ecosystem, ecological succession, ecological pyramid, food chain and food web
C216.4	To know the different methods of biodiversity conservation
C216.5	To analyse the effects of pollution and the role of individual for pollution control programme



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YEAR/ SEM: III/V – SE25B – OPERATING SYSTEM

NO.	COURSE OUTCOME
C301.1	To analyze and troubleshoot various operating system components such as process management, memory management and file system
C301.2	To design and implement concurrent programs using synchronization mechanisms and methods for handling deadlock
C301.3	To analyze various memory management techniques
C301.4	To evaluate and apply different replacement algorithms to optimize resource utilization and system performance
C301.5	To develop the comprehensive understanding of security principles and techniques to mitigate vulnerabilities and protect system integrity

YEAR/ SEM: III/V – SE25C-RELATIONAL DATABASE MANAGEMENT SYSTEM

NO.	COURSE OUTCOME
C302.1	To model an application's data requirements using conceptual modelling tools like ER diagrams and design database schemas based on the conceptual model.
C302.2	To design a Data model and Schemas in RDBMS
C302.3	To apply normalization techniques to normalize a database and learn about transaction processing and database security
C302.4	To apply various SQL commands to store and manipulate data
C302.5	To get in-depth knowledge about PL/SQL commands

YEAR/ SEM: III/V – SE25A- COMPUTER NETWORK

NO.	COURSE OUTCOME
C303.1	To analyze different reference models
C303.2	To acquire knowledge about wireless transmission technology



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C303.3	To describe, analyze and compare a number of data link, network and transport layer
C303.4	To analyse key networking protocols and their hierarchical relationship in the conceptual model like TCP/IP and OSI
C303.5	To identify various network security principles such as authentication, firewalls

YEAR/ SEM: III/V – SE45A-ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEM

NO.	COURSE OUTCOME
C304.1	Demonstrate fundamental understanding of the history of artificial intelligence (AI) and its foundations.
C304.2	Apply basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation, and learning.
C304.3	Demonstrate awareness and a fundamental understanding of various applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models
C304.4	Demonstrate proficiency developing applications in an ‘AI language’, expert system shell, or data mining tool.
C304.5	Demonstrate proficiency in applying scientific method to models of machine learning.

YEAR/ SEM: III/V –SE252-PRACTICAL -PL/SQL LAB

NO.	COURSE OUTCOME
C305.1	To learn the various DDL and DML commands
C305.2	To understand queries in SQL to retrieve information from the database
C305.3	To understand PL/SQL statements such as Exception handling
C305.4	To create and implement Cursors, and Triggers
C305.5	To design and implement simple projects with Front End and Back End



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YEAR/ SEM: III/V –SE251-PRACTICAL -OPERATING SYSTEM

NO.	COURSE OUTCOME
C305.1	To Study and implement Unix Operating System Commands
C305.2	To Implement the different algorithms for CPU Scheduling.
C305.3	To Implement algorithms for handling synchronization.
C305.4	To Implement algorithms for memory management.
C305.5	To Understand the process management policies and scheduling process by CPU

YEAR/ SEM: III/V – VAE5Q – VALUE EDUCATION

NO.	COURSE OUTCOME
C306.1	To understand the importance and of value education
C306.2	To learn about salient values for life and problem-solving and decision-making skills
C306.3	To know the importance of human rights & social values
C306.4	To know the importance of environment and ecological balance
C306.5	To learn about social evils and how to tackle them.

YEAR/ SEM: III/VI – SE26A-SOFTWARE ENGINEERING

NO.	COURSE OUTCOME
C307.1	To get introduced with the various software development life cycles
C307.2	To understand the software requirement analysis and Specification techniques



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C307.3	To acquire skill in various design methodologies
C307.4	To know the concepts related to structured and objected oriented analysis & design
C307.5	To learn about implementation and test cases using different testing techniques

YEAR/ SEM: III/VI – SE26B-INTRODUCTION TO DATA SCIENCE

NO.	COURSE OUTCOME
C308.1	Identify and describe the methods and techniques commonly used in data science.
C308.2	Demonstrate proficiency with the methods and techniques for obtaining, organizing, exploring, and analyzing data.
C308.3	Recognize how data analysis, inferential statistics, modelling, machine learning, and statistical computing can be utilized in an integrated capacity.
C308.4	Create and modify customizable tools for data analysis and visualization per the evaluation of characteristics of the data and the nature of the analysis.
C308.5	Demonstrate the ability to clean and prepare data for analysis and assemble data from a variety of sources.

YEAR/ SEM: III/VI – SE26C-INTRODUCTION TO CLOUD COMPUTING

NO.	COURSE OUTCOME
C309.1	Understand the fundamental principles of distributed computing
C309.2	Understand the importance of virtualization in distributed computing and how this has enabled the development of Cloud Computing
C309.3	Analyze the performance of Cloud Computing.
C309.4	Understand the concept of Cloud Security.
C309.5	Learn the Concept of Cloud Infrastructure Model.



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YEAR/ SEM: III/VI – SE261-PRACTICAL-VII-CASE TOOLS AND TESTING TOOLS LAB

NO.	COURSE OUTCOME
C310.1	Learning the software with SE practices and standards
C310.2	Studying hybrid CASE tools by integrating existing CASE tools.
C310.3	Knowing the new CASE tools to automate software development activities.
C310.4	To expose to UML design diagrams.
C310.5	Understanding different CASE tool approaches for the software development processes.

YEAR/ SEM: III/VI – SE46C-BLOCK CHAIN TECHNOLOGY

NO.	COURSE OUTCOME
C311.1	Explain design principles of Bit coin and Ethereum.
C311.2	Explain the Simplified Payment Verification protocol
C311.3	List and describe differences between proof-of-work and proof-of-stake consensus.
C311.4	Interact with a block chain system by sending and reading transactions.
C311.5	Evaluate security, privacy, and efficiency of a given block chain system

YEAR/ SEM: III/VI – SE26Q-PRACTICAL VIII-MINI PROJECT

NO.	COURSE OUTCOME
C312.1	To demonstrate the ability to apply programming languages and concepts learned during the course to develop a software solution
C312.2	To exhibit problem-solving skills by identifying, analyzing, and solving real-world problems through the development of a mini project



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C312.3	To understand and apply different phases of the software development life cycle, including requirements analysis, design, implementation, testing, and maintenance
C312.4	To collaborate effectively with team members to plan, design, and implement the mini project. Demonstrate good communication and coordination skills within the team
C312.5	To develop the ability to document the entire project, including requirements specifications, design documents, and user manuals, adhering to industry standards

YEAR/ SEM: III/VI – CES6Q-EXTENSION ACTIVITIES

NO.	COURSE OUTCOME
C313.1	To give them the opportunities for their personality development.
C313.2	Identify the needs and problems of the social and involve them in problem solving process.
C313.3	Acquire leadership qualities and democratic attitude.
C313.4	Utilize their knowledge in finding practical solution to individual and community problems.
C313.5	Gain skill in mobilizing community participation.