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 APPLICATIONS

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 பல்வேறு காலச் சூழல்களை அறிகின்றனர்.
C101.4	நாற்காலிக்காரர் நாடகத்தின் வாயிலாக தேர்தல் களம் பற்றி அறிகின்றனர்.
C101.5	மொழிப்பயிற்சியின் வாயிலாகவாக்கியங்கள், இருவழக்குகள், சொல்வகைகள் ஆகியவற்றை அறிகின்றனர்.

YEAR/ SEM: I/ I – LE11A - 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

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 write, test and debug Python Programs
C105.2	To implement conditionals and Loops for Python Programs
C105.3	To understand the numeric or real-life application problems and solve them
C105.4	To Uue functions and represent Compound data using Lists, Tuples and Dictionaries
C105.5	To read and write data from & to files in Python and develop Application using programme.

YEAR/ SEM: I/I – SM3AA – MATHEMATICS I

NO.	COURSE OUTCOME
C106.1	To apply tools and ideas in Mathematics for Solving Applied Problems
C106.2	To understand the importance of Matrices and its Applications
C106.3	To acquire ideas on 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 to understand the Summation of Series and Differential Calculus

YEAR/ SEM: I/I – NLT1C – BASIC TAMIL

NO.	COURSE OUTCOME
C107.1	தமிழ் எழுத்துகளைத் தெரிந்துகொள்ளுதல்
C107.2	தமிழ் ஒலியன்களை உச்சரிக்கக் கற்றுக்கொள்ளுதல்
C107.3	எழுத்துக்களைக் கொண்டு சொற்களை உருவாக்குதல்
C107.4	அன்றாடப் பயன்பட்டு சொற்களைப் பயிற்றுவித்தல்
C107.5	தமிழ் மொழியை அறிந்து கொள்ளுதல்

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

NO.	COURSE OUTCOME
C108.1	To apply Mathematical methodologies to understand and to solve problems
C108.2	To understand brief description of learning objective
C108.3	To understand Quantitative Reasoning
C108.4	To understand Quantitative reasoning, mental alertness

C108.5	To arithmetic ability in problems solving and mathematical skills. Important measure for a prospective Business executive ability

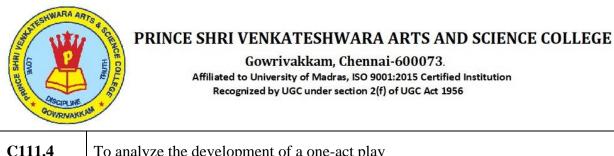## YEAR/ SEM: I/I – PZ1SA – ENGLISH FOR PHYSICAL SCIENCES I

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 அக்கால மக்களின் வாழ்வியலை அறிகின்றனர்.
C110.2	புறநானூற்றின் வாயிலாக மன்னர்களின் போர்ச் சமூக அமைப்பை அறிகின்றனர்
C110.3	முல்லைப்பாட்டின் வாயிலாக முல்லைநிலமக்களின் வாழ்வியல்,பண்பாடு 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 – SU22A – OBJECT ORIENTED PROGRAMMING CONCEPTS USING C++

NO.	COURSE OUTCOME
C113.1	To use of various OOPs concepts with the help of programs
C113.2	To understand basic concepts of Class, Objects and Functions
C113.3	To understand the concepts of Overloading and Inheritance.
C113.4	To describe the concept of Pointers, Arrays, virtual functions and polymorphism
C113.5	To understand the concepts of File and Exception Handling

YEAR/ SEM: I/II – SU221 - C++ PROGRAMMING LAB

NO.	COURSE OUTCOME
C114.1	To use of various OOPs concepts with the help of programs.

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

C114.2	To understand basic concepts and different modules that include conditional and looping and expressions.
C114.3	To understand arrays, strings, functions, pointers, structures, and file programming in C++ language.
C114.4	To implement code that includes the reuse of both existing code and calling functions in the C++ libraries.
C114.5	To design, implement, debug and test programs using the fundamental elements of C++.

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.
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 – SM5AB – FUNCTIONAL MATHEMATICS II

NO.	COURSE OUTCOME
C116.1	To make mathematics functional in everyday life
C116.2	To include recognizing and being able to solve Mensuration problems.
C116.3	To understand and evaluate problems in Time, Work and Distance.
C116.4	Have a grasp of stock and shares
C116.5	To make effective use in better understanding the world and in meeting its challenges

YEAR/ SEM: I/II – NLT2D – BASIC TAMIL

NO.	COURSE OUTCOME
C117.1	தமிழ் இலக்கியங்களை அறிந்துகொள்ளுதல்
C117.2	அற இலக்கியங்களைத் தெரிந்துகொள்ளுதல்
C117.3	திருக்குறளின் சிறப்புகளை அறிந்துகொள்ளுதல்
C117.4	தமிழர்களின் பண்பாடு, நாகரிகம் போன்றவற்றைத் தெரிந்துகொள்ளுதல்
C117.5	தமிழகத்தின் விழாக்களை அறிந்துகொள்ளுதல்

YEAR/ SEM: I/II – PZ1SC – ENGLISH FOR PHYSICAL SCIENCES II

NO.	COURSE OUTCOME
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 – SZ23A– DATA STRUCTURES

NO.	COURSE OUTCOME
C201.1	To understand the basic concepts of data structures linked list.
C201.2	To learn about stack, queue and circular queue.

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

C201.3	To learn about tree, binary search tree, AVL tree.
C201.4	To illustrate about the basic concepts of graphs, DFS and BFS.
C201.5	To learn about hashing and sorting.

YEAR/ SEM: II/III – SZ23C – COMPUTER ORGANIZATION

NO.	COURSE OUTCOME
C202.1	To describe about number system conversions with example
C202.2	To understand the concepts of RISC, Stack, Subroutine and Addressing Modes.
C202.3	To understand the concepts of microprocessor address bus, data bus and control bus and its functions.
C202.4	To understand the concept of BCD and How to write simple Assembly Language Programs.
C202.5	To understand the concepts of Direct Memory Access and Pentium i3,i5 and i7.

YEAR/ SEM: II/III – SZ23B – JAVA PROGRAMMING

NO.	COURSE OUTCOME
C203.1	To understand the structure and model of Java Programming language
C203.2	To understand the control structures of Java
C203.3	To understand the concepts of constructor, destructor and inheritance
C203.4	To examine various in-built packages in Java and to facilitate exception handling in multi-threading.
C203.5	To understand the concept of Applet

YEAR/ SEM: II/III – SZ231 – DATA STRUCTURES USING JAVA LAB

NO.	COURSE OUTCOME
C204.1	To Practice the stack operations using arrays and pointers.

C204.2	To understand how to perform Queue operations using arrays and pointers
C204.3	To Learn about expression evaluation.
C204.4	To practice BFS and DFS traversals
C204.5	To practice Bubble sort, Selection sort and Radix sort.

YEAR/ SEM: II/III – SZ33A – FINANCIAL ACCOUNTING

NO.	COURSE OUTCOME
C205.1	To understand the basic principles of accounting. To understand the system of keeping financial accounting records
C205.2	To understand the meaning and types of Depreciation and its Applications
C205.3	To understand about branch accounting and departmental accounts
C205.4	To analyze the relevance of hire purchase and installment system
C205.5	To understand in detail about partnership, reconstitution, and the accounts in relation with that.

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

NO.	COURSE OUTCOME
C206.1	To develop and exhibit an accurate sense of self.
C206.2	To demonstrate knowledge of personal beliefs and values and a commitment to continuing personal reflection and reassessment
C206.3	To evaluate and improve upon personal leadership strengths and weaknesses
C206.4	To build self-awareness, personal development, and life skills.
C206.5	To assert strengthened personal character and further, an enhanced ethical sense.

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

YEAR/ SEM: II/IV – SZ24B – OPEN-SOURCE TECHNOLOGIES

NO.	COURSE OUTCOME
C207.1	To understand about open source, principles and FOSS
C207.2	To learn about copy right, copy left and zero marginal technology
C207.3	To understand the concepts of BSD, Linux and GCC open source
C207.4	To demonstrate about the concept of hardware, design, teaching media
C207.5	To learn about ethics, impact of open-source technology

YEAR/ SEM: II/IV – SZ24A – COMPUTER NETWORK

NO.	COURSE OUTCOME
C208.1	To understand the OSI reference model, Wireless LAN, WAN, MAN and guided transmission media
C208.2	To learn about wireless transmission and data link layer
C208.3	To understand the concept of sliding window protocol, multiple access protocol
C208.4	To know the concept of routing algorithm and congestion control algorithm
C208.5	To learn about transport layer and network security

YEAR/ SEM: II/IV – SZ24C – E-COMMERCE TECHNOLOGIES

NO.	COURSE OUTCOME
C209.1	To learn the brief history of E-commerce and business model
C209.2	To learn about WWW, ISP and E-marketing
C209.3	To understand E-security, phishing and application fraud skimming
C209.4	To understand the concept of internet banking and digital signature

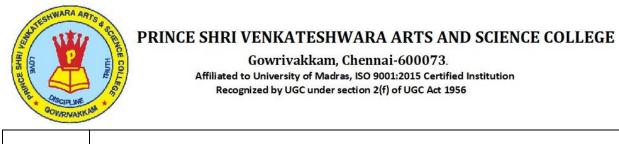| NO.	COURSE OUTCOME
C209.5	To learn about mobile commerce and cellular technology

YEAR/ SEM: II/IV – SZ241 – OPEN-SOURCE TECHNOLOGIES LAB

NO.	COURSE OUTCOME
C210.1	To demonstrate the programs text processing with PERL
C210.2	To practice simple application using PHP
C210.3	To demonstrate the programs for PYTHON
C210.4	To develop the programs for image editing for GIMP
C210.5	To develop the programs version control system using GIT

YEAR/ SEM: II/IV – SZ34A – COST AND MANAGEMENT ACCOUNTING

NO.	COURSE OUTCOME
C211.1	To learn the theory and practices of cost and management accounting
C211.2	To understand about the material management and pricing methods
C211.3	To understand in detail about Labour cost and wage payment methods.
C211.4	To study about Overhead and its apportionment
C211.5	To study in detail about the marginal costing and the types of budgeting

YEAR/ SEM: II/IV – TSSEN - QUANTITATIVE APPTITUDE

NO.	COURSE OUTCOME
C212.1	To apply Quantitative Reasoning and Mathematical Methodologies to understand and to solve problems
C212.2	To understand Brief Description of Learning Objective
C212.3	To acquire Mental Alertness and have a sharp mind

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

| C212.4 | Quantitative aptitude is tested in various competitive examinations |
| C212.5 | Quantitative aptitude is an important measure for prospective business executives' abilities. |

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

NO.	COURSE OUTCOME
C213.1	To know the scope and importance of environmental studies and to create public awareness for environmental protection
C213.2	To Elucidate the problems created by the over utilization of resources and to suggest alternate energy to meet our energy crisis/demand
C213.3	To give a neat sketch explanation of ecosystem, ecological succession, ecological pyramid, food chain and food web
C213.4	To know the different methods of biodiversity conservation
C213.5	To analyse the effects of pollution and the role of individual for pollution control programme

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

NO.	COURSE OUTCOME
C301.1	To model an application's data requirements using conceptual modelling tools like ER diagrams and design database schemas based on the conceptual model.
C301.2	To design a Data model and Schemas in RDBMS
C301.3	To apply normalization techniques to normalize a database and learn about transaction processing and database security
C301.4	To apply various SQL commands to store and manipulate data
C301.5	To get in-depth knowledge about PL/SQL commands

YEAR/ SEM: III/V – SU25A – SOFTWARE ENGINEERING

NO.	COURSE OUTCOME
C302.1	To Study various software life cycle models, including the Waterfall model, Rapid Application Development, Agile Model, and Spiral Model
C302.2	To Understand the importance of clear and accurate requirements in the software development process.
C302.3	To Understand function-oriented design principles and their application in software development including Data Flow Diagrams (DFD).
C302.4	To Understand and create UML diagrams, including Use Case, Class, Interaction, Activity, and State Chart diagrams.
C302.5	To Learn the coding phase of software development, including writing, reviewing, and documenting code.

YEAR/ SEM: III/V – SZ45A-PRINCIPLES OF INFORMARTION SECURITY

NO.	COURSE OUTCOME
C303.1	To Gain awareness of emerging career opportunities in the field of information security.
C303.2	To Understand protection mechanisms within a Trusted Computing Base
C303.3	To Understand intellectual property law, privacy laws, and the ethical considerations for information security professionals.
C303.4	To Implement and manage remote user access and authentication.
C303.5	To Evaluate the strength of cryptosystems and apply them in practical scenarios.

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

NO.	COURSE OUTCOME
C304.1	To analyze and troubleshoot various operating system components such as process management, memory management and file system

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

C304.2	To design and implement concurrent programs using synchronization mechanisms and methods for handling deadlock
C304.3	To analyze various memory management techniques
C304.4	To evaluate and apply different replacement algorithms to optimize resource utilization and system performance
C304.5	To develop the comprehensive understanding of security principles and techniques to mitigate vulnerabilities an protect system integrity

YEAR/ SEM: III/V –SE252-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

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

NO.	COURSE OUTCOME
C306.1	To Study and implement Unix Operating System Commands
C306.2	To Implement the different algorithms for CPU Scheduling.
C306.3	To Implement algorithms for handling synchronization.
C306.4	To Implement algorithms for memory management.
C306.5	To Understand the process management policies and scheduling process by CPU

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

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

NO.	COURSE OUTCOME
C307.1	To understand the importance and of value education
C307.2	To learn about salient values for life and problem-solving and decision-making skills
C307.3	To know the importance of human rights & social values
C307.4	To know the importance of environment and ecological balance
C307.5	To learn about social evils and how to tackle them.

YEAR/ SEM: III/VI –SZ26A- WEB DESIGN AND DEVELOPMENT

NO.	COURSE OUTCOME
C308.1	To Gain skills in text formatting, including emphasizing text, creating headings, and using lists and tables appropriately.
C308.2	To Master the use of HTML forms, integrating various form elements for data collection including image maps and GIF animation.
C308.3	To Apply Cascading Style Sheets (CSS) to enhance the presentation of web pages, demonstrating a clear understanding of grouping styles.
C308.4	To Demonstrate a solid understanding of JavaScript fundamentals, including variables, functions, conditions, and loops.
C308.5	To Implement Ajax to enhance web applications, understanding its advantages, disadvantages, and alternatives.

YEAR/ SEM: III/VI – SZ26B-DATA MINING

NO.	COURSE OUTCOME
C309.1	To Explore basic data mining tasks and the distinction between data mining and knowledge discovery in databases.
C309.2	Get insights into Study decision trees, neural networks, and genetic algorithms as essential tools in data mining.

C309.3	To Explore statistical-based algorithms and distance-based algorithms for classification.
C309.4	To Investigate clustering algorithms, including tree-based, neural network-based, and rule-based approaches
C309.5	To Explore large item sets and basic algorithms for association rule mining.

YEAR/ SEM: III/VI – SZ26C – MOBILE APPLICATION DEVELOPMENT

NO.	COURSE OUTCOME
C310.1	To Gain a solid understanding of mobile application development concepts, including the differences between Native and Hybrid applications
C310.2	To Develop proficiency in Android development, including a comprehensive knowledge of the Android platform, version history, and essential development tools
C310.3	To Know the concept of basic views, creating and using databases.
C310.4	To develop Integrate advanced features such as SMS messaging, email, maps, and location services.
C310.5	To gain Proficiently consume web services, handle JSON data, and create custom services.

YEAR/ SEM: III/VI – SZ261-MOBILE APPLICATION DEVELOPMENT LAB

NO.	COURSE OUTCOME
C311.1	To Develop proficiency in designing and implementing GUI components such as buttons, input fields, radio buttons, image buttons, and layout managers
C311.2	To Integrate various functionalities into mobile applications, including arithmetic calculations, alert dialogs, and audio mode control.
C311.3	To Develop skills related to networking and communication in mobile applications, including sending messages between mobiles and sending emails.
C311.4	To Gain proficiency in integrating location services and maps, demonstrated in the Google Map Locator application
C311.5	To Understand and implement security measures, particularly in applications involving login pages and personal details.

YEAR/ SEM: III/VI – SU46B-IOT AND ITS APPLICATIONS

NO.	COURSE OUTCOME
C312.1	To comprehend the core principles and concepts of the Internet of Things (IoT) and its application in various domains.
C312.2	To Gain skills in analyzing value chains and emerging industrial structures for M2M and IoT and Understand the infrastructure, networks, and communication protocols associated with IoT.
C312.3	To understand the IoT Architecture.
C312.4	To Develop the ability to assess how IoT contributes to value creation and business enhancement in different sectors.
C312.5	To Develop knowledge and skills in addressing security, privacy, and trust issues in IoT environments.

YEAR/ SEM: III/VI – SZ26Q-MINI PROJECT

NO.	COURSE OUTCOME
C313.1	Students will engage in projects focused on system-level implementation.
C313.2	Projects will be accomplished through team efforts, promoting collaboration among students.
C313.3	No restrictions on platform/tools/languages choice for project work.
C313.4	Daily activity logs and documented team meetings should be maintained and submitted.
C313.5	Relevant content specifying the requirement specification, analysis, design, coding, testing, and implementation strategies.

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

NO.	COURSE OUTCOME
C314.1	To give them the opportunities for their personality development.
C314.2	Identify the needs and problems of the social and involve them in problem solving process.

C314.3	Acquire leadership qualities and democratic attitude.
C314.4	Utilize their knowledge in finding practical solution to individual and community problems.
C314.5	Gain skill in mobilizing community participation.