MAR GREGORIOS COLLEGE OF ARTS & SCIENCE
Programme Outcomes

Programme Outcomes: The institution offers curriculum that is prescribed by the University of Madras. The college meticulously takes every effort to incorporate the required skills and knowledge among the students, according to the designed syllabus. Off course, the Programme outcome is graded to the level of education, and the students enthusiastically attain these skills and knowledge with indomitable spirit in their tenure of study to enter into the domain of highly spirited and competitive world.

Programme Outcome at Undergraduate level (BA)

- It provides an opportunity to the students to think, understand, appreciate and evaluate the works of the writers of the past and the present, with reference to the contemporary scenario.
- It inculcates in the minds of the students the concept of creativity, to carve a niche in their lives in the process of attaining heights of sublimity in the competitive World.
- The students acquire political, social, cultural and historical knowledge of the past, which even, historians fail to sum up better, sometimes.
- To trace the origin and nature of the language
- To think critically and to raise the voice against the issues that was denied earlier.
- Literary works mirror life. They teach and impart values and virtues that are most essential in their contemporary lives; the values and virtues transcend the students towards the process of scaling great heights ethically with innovative ideas.
- It helps in facing the competitive exams confidently.

Programme Outcome at Undergraduate level (COMMERCE, CS)

- The knowledge in different specializations like Accounting, Costing, Banking and Finance inculcates skills among the students to flourish as Marketing Managers, Selling Managers with good administrative skills.
- It increases the capability of the students to make decisions at personal & professional level.
- Business software applications courses encourage the students to start a small software business of self-employment.
- students are imparted with analytical, problem solving and critical thinking skills to analyze individual's strengths, challenges and opportunities.
- To encourage students to self learning through co-curricular activities, industrial exposures field trainings and study tour.
- It paves way to pursue post-graduation and higher studies such as CA, ICWA etc.
- The Students are equipped with Professional skills, values, team spirit, and leadership qualities to accept the challenges in the Industry and Academics to flourish successfully in the competitive corporate world.

Programme Outcome at Undergraduate level (BSC C.S, BCA & BES)

- To serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.
- To attain sufficient knowledge related to computer domains, and to possesses technical, soft and hard skills to apply effectively in team work.
- To acquire skills in handling scientific instruments, planning and performing in laboratory experiments.
- To explore emerging technologies in diverse areas of Computer Applications and inculcate skills for successful career, entrepreneurship and higher studies.
- To empower the students with competencies in creative thinking, problem solving, inter-personal communication and managerial skills.
- To encourage students to self- learning through co-curricular activities and experiential learning.

Programme Outcome at Post-graduate level (M.Com)

- To focus post-graduate students on quest for knowledge, innovative ideas and creative thinking in the field of study to become globally successful.
- To train Post-graduate students to acquire skills in application of research methods required for investigations, field study and documentation, networking and resource mobilization skills.
- To train students to think logically, and to be objective with positive spirit in pursuit of research activities.

Programme Outcome at Post-graduate level (M.Sc)

- To urge students to Communicate computer science concepts, designs, and solutions effectively and professionally.
- To equip students with immense knowledge to produce innovative effective designs and solutions for specific problems in their field of study.
- To train post-graduate students to acquire skills required for algorithm and programming in advance level.
- To train Post-graduate students to develop analytical mind, logical thinking and commitment towards the pursuit of research activities.

Programme Outcome at Post-graduate level (MSW)

- To acquire skills, attitudes and values appropriate to the practices of Social work profession.
- To equip students to understand the social problems, situations and issues of development in an objective way.
- To develop creative thinking and apply the same practically and objectively in social domain with moral ethics.
- To develop scientific temper and apply the same to evaluate the initiative of voluntary and government programs.

BACHELOR OF COMPUTER APPLICATIONS

PROGRAMME SPECIFIC OUTCOME

PSO1: To provide strong foundations in fundamentals of Computer Applications, inter disciplinary courses and electives for widening the domain expertise.

PSO2: To design and develop software based solutions for real world problems, serving effectively to the requirements of computer field and Society

PSO3: To understand the basic principles and concepts of Computer applications and integrate the knowledge gained in Computer application domain with practical needs of the society

PSO4: To explore the emerging technologies in diverse areas of Computer Application and inculcate skills for successful career, entrepreneurship and higher studies

PSO5: To inculcate ability to apply the concepts of Computer and practices via emerging technologies and Software development tools.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER- I	
Problem Solving using Python	CO1. To Understand the principles of Python and acquire skills in programming in python
	CO2. To develop the emerging applications of relevant field using Python
	CO3. Interpret the fundamental Python syntax and semantics and be fluent in the use of Python control flow statements.
	CO4. Able to develop simple turtle graphics programs in Python
	CO5. Illustrate the process of structuring the data using lists, dictionaries, tuples and sets. Understand the usage of packages and Dictionaries.
Problem Solving using Python using Python Lab	CO1. Understand the numeric or real life application problems and solve them
	CO2. Apply a solution clearly and accurately in a program using Python.
	CO3. Apply the best features available in Python to solve the situational problems.
	CO4. Use functions for structuring Python programs.
	CO5. Represent compound data using Python lists, tuples, dictionaries, turtles, Files and modules.
Allied I: Mathematics I	CO1. Students gain knowledge about basic concepts of Algebra
	CO2. Students gain knowledge about basic concepts of Theory of Equations

	CO3. Students gain knowledge about the basic concepts of Matrices
	CO4. Students gain knowledge about basic concepts of Trigonometry and Calculus.
	CO5. Students gain knowledge about basic concepts of Calculus
Office Automation	CO1. To perform documentation
	CO2. To perform accounting operations
	CO3. To perform presentation skills
	CO4. To impart training for students in Microsoft Office which has different components like MS Word, MS Excel and Power point
	CO5. The course is highly practice oriented rather than regular class room teaching.
SEMESTER-II	
Object Oriented Programming Concepts using C ++	CO1. To write programs using OOP concepts like Abstraction, Encapsulation, Inheritance and Polymorphism
	CO2. To inculcate knowledge on Object-oriented programming concepts using C++.
	CO3. To gain Knowledge on programming with C++.
	CO4. To write programs using operator overloading & operator overriding
	CO5. To inculcate knowledge about files.
C++ programming Lab	CO1. To understand the structure and model of the C++ programming language.
	CO2. To solve problems in C++ demonstrating Object Oriented Concepts.
	CO3. To implement the various object oriented programming concepts using C++
	CO4. To solve problems in C++Unary Operator Overloading, Binary Operator Overloading
	CO5.To solves problems in Class Template, Function Template, Exception Handling.
Allied II: Mathematics II	CO1. Students gain knowledge about basic concepts of Differential Equations
	CO2. Students gain knowledge about basic concepts of Laplace Transforms
	CO3. Students gain knowledge about basic concepts of Vector Analysis
	CO4. Students gain knowledge about basic concepts of Calculus.
	CO5. Students gain knowledge about basic concepts of Vector Differentiation
Everyday Banking	CO1.To learn about Filling up ,Clearing cheque ,Transfer cheque , Collection Cheque
	CO2.To discuss about to Wireless Application Protocol

	CO3. Understand the basic principles of creating Mobile Banking
	CO4. Knowledge of the Form filling for Fund transfer
	CO5. To learn different banking technique
SEMESTER - III	
Java programming	CO1. Knowledge of the structure and model of the Java programming language.
	CO2. Understand the basic principles of creating Java applications with GUI.
	CO3. Demonstrate use of string and String Buffers, Develop multithreaded programs in Java.
	CO4. To understand the concepts of Object Oriented Programming.
	CO5. To learn about the control structures, class with attributes and methods used in Java.
Data Structures	CO1. Implement abstract data types for linear data structures.
	CO2. Apply the different linear and non linear data structures to problem solutions.
	CO3. Critically analyze the various sorting algorithms.
	CO4. To learn linear data structures-lists, stacks, queues To apply Tree and Graph structures
	CO5. To understand sorting, searching and hashing
Data Structures using Java Lab	CO1. Write functions to implement linear and non-linear data structure operations.
	CO2. Suggest appropriate linear and non-linear data structure operations for solving a given problem.
	CO3. Analyze various sorting methods.
	CO4. To understand the different operations of search trees To implement graph traversal algorithms
	CO5. To get familiarized to sorting and searching algorithms
Computer Organization	CO1. Describe the major components of a computer system and state their function and purpose
	CO2. Describe the microstructure of a processor
	CO3. Demonstrate the ability to program a microprocessor in assembly language.
	CO4. Classify and describe the operation DMA and peripheral Interfaces.
	CO5. To bring the programming features of 8085 Microprocessor and know the features of latest microprocessors.
Allied III: Financial Accounting	CO1. To acquainted with Principles of accounting
	CO2.To equipped in the system of keeping Financial Accounting Records
	CO3. To enable the students to know the Principles of Accounting in General

	CO4. To Understand the System of Keeping Financial Accounting Records
	CO5. To learn about Partnership Accounts
SEMESTER- IV	
Computer Network	CO1. Analyze different network models
	CO2. Analyze and compare a number of data link, network and transport layer
	CO3. Analyzing key networking protocols and their hierarchical relationship in the conceptual model like TCP/IP and OSI
	CO4. To understand the concept of Computer network
	CO5. To impart knowledge about networking and internetworking devices
Open Source Technologies	CO1. To recognize the benefits and features of Open Source Technology
	CO2. To interpret, contrast and compare open source products among themselves
	CO3. To provide a basic idea of Open source technology,
	CO4. To software development process to understand the role and future of open source software
	CO5. To industry along with the impact of legal, economic and social issues for such software.
E-Commerce Technologies	CO1. Obtain a general understanding of basic business management concepts.
	CO2. Have complete knowledge about basic technical concepts relating to E-Commerce.
	CO3. Obtain thorough understanding about the security issues, threats and challenges of E-Commerce.
	CO4. To provide students with an overview and understanding of e-commerce with a specific emphasis on Internet Marketing
	CO5. To explore the major issues associated with e-commerce-security, privacy, intellectual property rights, authentication, encryption, acceptable use policies, and legal liabilities.
Open Source Technologies Lab	CO1. Students must be able to use appropriate open source tools based on the nature of the problem
	CO2. Students should be able to code and compile different open source software
	CO3. To be aware of the various open source software available for different problem needs
	CO4. To be familiar with the usage of the software like installation and configuration
	CO5. Creation of network diagrams using Graph Viz.
Allied IV: Cost and Management Accounting	CO1. To learn the theory and practices of cost accounting.
	CO2. To understands the concepts of management accounting.
	CO3. This Course introduces the concepts of Cost and

	Management Accounting
	CO4.To learn about is Marginal Costing
	CO5. To understands the concepts of Selling and Distribution of Overheads
Environmental Studies	CO1. Multidisciplinary nature of environmental studies
	CO2. Scope and importance; concept of sustainability and sustainable development
	CO3. To understands the concepts of Biodiversity and Conservation
	CO4. To be familiar with the usage of the Ecosystem
	CO5.To learn about is Environmental pollution types, causes, effects and controls: Air, Water, soil and noise Pollution
SEMESTER- V	
Software Engineering	CO1. The students should be able to specify software requirements, and design the software using tools
	CO2. To write test cases using different testing techniques.
	CO3. To introduce the software development life cycles
	CO4. To introduce concepts related to structured and objected oriented analysis & design co
	CO5. To introduce the software development life cycles
Operating System	CO1. Understand the structure and functions of Operating System
	CO2. Compare the performance of Scheduling Algorithms
	CO3. Analyze resource management techniques
	CO4. Identify the features of I/O and File handling methods
	CO5. To gain insight on I/O and File management techniques.
Relational Database Management System	CO1. Describe basic concepts of database system
	CO2. Design a Data model and Schemas in RDBMS
	CO3. Competent in use of SQL
	CO4. Analyze functional dependencies for designing robust Database
	CO5. Understand the need of transaction processing and learn techniques for controlling the consequences of concurrent data access.
Operating System Lab	CO1. Understand the process management policies and scheduling process by CPU.
	CO2. Analyze the memory management and its allocation policies
	CO3. To evaluate the requirement for process synchronization.
	CO4. To understand the various issues in Inter Process Communication.
	CO5. Basic I/O programming.
PL/SQL Lab	CO1. Implement the DDL , DML Commands and Constraints
	CO2. Design and Implement simple project with Front End and

	Back End
	CO3. Create, Update and query on the database.
	CO4. Understand PL/SQL statements: Exception Handling, Cursors, and Triggers
	CO5. Understand queries in SQL to retrieve information from data base
Multimedia and its Applications	CO1. To understand the basic concepts of Multimedia Systems
	CO2. To learn representations, perceptions and applications of Multimedia
	CO3. To understand the technologies behind multimedia applications
	CO4. To learn about Multimedia graphics techniques
	CO5. Create and design the Multimedia Project
SEMESTER - VI	
Web Design and Development	CO1. Ability to Develop and publish Web pages using Hypertext Markup Language (HTML).
	CO2.Ability to optimize page styles and layout with Cascading Style Sheets (CSS).
	CO3. Ability to Understand, analyze and apply the role of languages to create a capstone
	CO4. Website using client-side web programming languages like HTML, DHTML, CSS, XML, JavaScript, and AJAX
	CO5. To learn the basic web concepts and to create rich internet applications that use most recent client-side programming technologies.
Data Mining	CO1. To have knowledge in Data mining concepts
	CO2. To apply Data mining concepts in different fields
	CO3. To learn about data mining Concepts
	CO4.To study the different data mining techniques
	CO5. To learn about Classification
Mobile Application Development	CO1. To explain the basics of mobile application development
	CO2. Develop Android application with User interface, networking and animation
	CO3. Use simulator tools to test and publish the application
	CO4. To make the student understand the basic concepts of mobile application development, be aware of Characteristics of mobile applications, User-interface design, basics of graphics and multimedia
	CO5. To gain knowledge about testing and publishing of Android application
Mobile Application Development Lab	CO1. To give overall view of Mobile application development
	CO2.Develop and Publish Android applications using Graphical user interface
	CO3. Develop and Publish Android application which can use

	Location and network services
	CO4.. Use Emulator tools to design and develop applications
	CO5. Develop Android application with User interface, networking and animation
IOT and its Applications	CO1. Use of Devices, Gateways and Data Management in IOT.
	CO2. Design IOT applications in different domain and be able to analyze their performance
	CO3.Implement basic IOT applications on embedded platform
	CO4. To Determine the Market perspective of IOT.
	CO5. To Understand the vision of IOT from a global context
Mini Project	CO1.To understand the real time software development environment
	CO2. Requirement for developing a computer-based solution already exists and the different stages of system development life cycle is to be implemented successfully
	CO3. Projects based on system level implementation.
	CO4. Each one must independently take different modules of the work and must submit the report
	CO5.These are projects which involve research and development

B.SC COMPUTER SCIENCE

PROGRAMME SPECIFIC OUTCOMES

PSO1: Demonstrate mastery of Computer Science in the following core knowledge areas

- Data Structures and Programming Languages
- Databases, Software Engineering and Development
- Computer Hardware and Architecture

PSO2: Apply problem-solving skills and the knowledge of computer science to solve real world problems.

PSO3: Students inculcate the ability to solve problems using Python language and gain more knowledge in web programming languages.

PSO4: Learn about basic Assembly level language and gain knowledge on Data Science.

PSO5: Develop technical project reports and present them orally among the users.

COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
	SEMESTER - I
Problem solving using Python	CO1. To Understand the principles of Python and acquire skills in programming in python
	CO2. Learn the basics of Control structures, Loops and lists.
	CO3. Interpret the fundamental Python syntax and semantics and to be fluent in the use of Python control flow statements.
	CO4. Able to develop simple turtle graphics programs in Python.
	CO5: Understand the usage of packages and Dictionaries.
Practical. Problem Solving using Python	CO1. To implement the python programming features in practical applications.
	CO2. Understand the numeric or real life application problems and solve them.
	CO3. Applying solutions clearly and accurately in a program using Python.
	CO4. Apply the best features available in Python to solve the situational problems.
	CO5. Represent compound data using Python lists, tuples, dictionaries, turtles, Files and modules.
Allied Mathematics-I	CO1: Understand the basic concepts of Algebra and Numerical Methods
	CO2: Familiarize with matrices
	CO3: Describe the theory of equations
	CO4: Learn the basics of Trigonometry
	CO5: Understand about differential calculus
	SEMESTER - II
Computer Organization	CO1 To understand the basic organization of computers and the working of each component and CPU.
	CO2. To bring the programming features of 8085 Microprocessor and know the features of latest microprocessors.
	CO3. To understand the principles of Interfacing I/O devices and Direct Memory accesses.
	CO4. Describe the major components of a computer system and state their function and purpose.
	CO5. Demonstrate the ability to program a microprocessor in assembly language.
Computer Organization Lab	CO1. To understand the programming features and operations of assembly language programs using 8085 microprocessor kit or Simulator.
	CO2. Implement the arithmetic operations in assembly language programming.

	CO3. Understand the programming logic of 8085 in various aspects.
	CO4. Understand the sorting and searching programs.
	CO5. To have deeper understanding on the code conversion program.
Allied Mathematics –II	CO1: Gain knowledge about integral calculus
	CO2: Learn differential equations
	CO3: Understand Laplace transforms
	CO4: Learn the basics of vector differentiation
	CO5: Familiarize with vector integration
SEMESTER - III	
Java and Data Structures	CO1. to learn the basic concepts of Java programming.
	CO2. To have an overview of interfaces, packages, multithreading and exceptions.
	CO3. To familiarize students with basic data structures and their use in algorithms.
	CO4. To develop Java Standalone applications and Applets.
	CO5. Choose the appropriate data structure for modeling a given problem.
Data Structures Using Java Lab	CO1. To understand the different operations of search trees.
	CO2. Learn the graph traversal algorithms and BST.
	CO3. Learn the linear and non-linear data structures
	CO4: Write functions to implement linear and non-linear data structure operations.
	CO5. Suggest appropriate linear and non-linear data structure operations for solving a given problem.
Allied Statistics	CO1: To understand Sample survey, Types of variable and presentation of data by tables.
	CO2: Know about Diagrammatic presentation: Line diagram, Bar diagrams: Simple, multiple, subdivided and Percentage-Pie chart, comparative pie chart
	CO3: Analyze statistical data using measures of central tendency, dispersion and location
	CO4: To understand Measures of dispersion: Range-Quartile deviation-mean deviation.
	CO5: To understand correlation between continuous variables and association between categorical variables.
SEMESTER- IV	
Web Technology	CO1. Understand the general concepts of PHP scripting language for the development of Internet websites.
	CO2. Understand the basic functions of My SQL database program and XML concepts
	CO3. Learn the relationship between the client side and the server side scripts
	CO4. To develop web sites ranging from simple online information

	forms to complex e-commerce sites with My SQL database, building, connectivity, and maintenance.
	CO5. To use PHP and My SQL to develop dynamic web sites for user on the Internet.
Web Technology Lab	CO1: Develop programs in PHP.
	CO2: Obtain knowledge and develop application programs using PHP.
	CO3: Students can Create dynamic Web applications such as content management, user registration, and ecommerce using PHP and to understand the ability to post and publish a PHP website.
	CO4: Students can develop a My SQL database and establish connectivity using My SQL.
	CO5: Students can develop simple applications using PHP and My SQL.
Allied Statistics II	CO1: To understand the basic concepts of Probability: Random Experiments, Sample space, Trial, Events.
	CO2: Identify the characteristics of different discrete and continuous distributions.
	CO3: Identify the type of statistical situation to which different distributions can be applied.
	CO4: To comprehend the Sampling distributions.
	CO5: To understand how to apply statistical tests to get information from data.
SEMESTER- V	
Computer Network	CO1: Students can understand the concept of Computer network.
	CO2: Students can understand Wireless Transmission, Structure, Local Loop, Trunks and Multiplexing and Switching.
	CO3: Describe, analyze and compare a number of data link, network and transport layer.
	CO4: Analyzing key networking protocols and their hierarchical relationship in the conceptual model like TCP/IP and OSI and routing algorithm.
	CO5: To understand transport layer.
Operating System	CO1: Schedule CPU time using scheduling algorithm for processors
	CO2: To understand the fundamental concepts Process synchronization and Deadlock.
	CO3: Allocate Main Memory based on various memory management techniques.
	CO4: Apply page replacement policies for dynamic memory management.
	CO5: To understand domain access matrix.
Relational Database Management System.	CO1: Gain a good understanding of the architecture and functioning of Database Management Systems.
	CO2: Understand the various key, advantages of DBMS.

	CO3: To understand Normalization techniques to normalize a database.
	CO4: Understand the use of Structured Query Language (SQL) and its syntax.
	CO5: To get knowledge about PL/SQL.
Operating System Lab	CO1: Understand Basic I/O programming.
	CO2: Understand the process management policies and scheduling process by CPU.
	CO3: To get knowledge about First Come First Served Algorithm and RR, Priority scheduling algorithms.
	CO4: Analyze the memory management and its allocation policies.
	CO5: To evaluate the requirement for process synchronization and Inter Process Communication.
PL / SQL Lab	CO1: Learn the various DDL and DML commands
	CO2: Design and Implement simple project with Front End and Back End.
	CO3: Understand PL/SQL statements: Exception Handling, Cursors, and Triggers.
	CO4: Design and develop application for Library management.
	CO5: Design and develop application for student mark sheet processing.
SEMESTER- VI	
Software Engineering	CO1: To understand software development life cycle, RAD, Spiral model.
	CO2: To introduce concepts related to structured and objected oriented analysis & design
	CO3: to specify software requirements, design the software using tools.
	CO4: To understand OO concepts and UML model.
	CO5: Understand basic testing like white box and block box.
Introduction to cloud computing	CO1: To understand the cloud computing foundation and working of cloud computing.
	CO2: To understand the evolving computer model caned cloud computing.
	CO3: to understand data storage and cloud storage.
	CO4: To introduce the various levels of services that can be achieved by cloud.
	CO5: To understand the concepts in Cloud Computing and its Security
CASE tools and testing tools LAB	CO1: to analyze and design the problem at hand.
	CO2: to use UML tools for the designing the software and test the correctness and soundness of their software through testing tools.
	CO3: To get familiarize with the usage of UML tool kit.
	CO4: To understand the requirements of the software and to map them appropriately to subsequent phases of the software development.

	CO5: To develop the ability to verify and validate their designs.
Mini Project	CO1. Identify drawbacks in existing system and design a new system
	CO2.Gather and analyze system requirements
	CO3. Design the proposed system
	CO4. Prepare proper documentation by following standard guidelines
	CO5.Learn technical report and oral presentation skills.

B.SC. ELECTRONICS AND COMMUNICATION SCIENCE

PROGRAMME SPECIFIC OUTCOMES

PSO1: Ability to apply knowledge of Mathematics &Science in solving electronics related problems. To understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.

PSO2: To acquire skills in handling scientific instruments, planning and performing in laboratory experiments.

PSO3: To serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.

PSO4: To develop the skills that enables the students to get employment in industries or pursue higher studies or research assignments or turn as entrepreneur

PSO5: To provide ability in students to design and develop innovative solutions for benefits of society, by leadership, team work and lifelong learning and ability to function as a member of a multidisciplinary team with sense of ethics, integrity and the social responsibility

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER - I	
Circuit Theory	CO1.To understand the different types of Resistors & Capacitors, to simplify circuits using series & parallel equivalents of Resistors & Capacitors
	CO2.To understands different types of Inductors, Transformers & its practical applications.
	CO3.To solves simple circuits using ohm's law, Kirchhoff's laws and the properties of the elements.
	CO4.To Simplify circuits using series and parallel equivalents and using The venin and Norton equivalents

	CO5.To understands AC circuits with Resistors, Inductors & Capacitors.
SEMESTER- II	
Electronic Devices	CO1.To understands the semiconductor diode & its applications as Half wave, Full wave & Bridge rectifiers.
	CO2.To understand different types of diodes & its practical applications
	CO3.To understands the basics of Transistors & its applications as amplifier.
	CO4.To understand different types of Field Effect transistors & its applications
	CO5.To understands the characteristics & working of Power devices.
SEMESTER- III	
Analog Electronics	CO1. To familiarize the student with the analysis and design of basic transistor amplifier
	CO2. To understand the concepts of Multi Stage Amplifier.
	CO3.To studies the operation of Hartley, Colpitts, RC Phase shift, and crystal and wien bridge oscillators.
	CO4. To know the concepts of Multistage and feedback amplifier and their characteristics
	CO5. Design of circuits using Operational Amplifier and IC555.
Numerical Methods	CO1. To demonstrate the mathematical skills of the students in the area of Numerical methods
	CO2.To analyze the accuracy of common numerical methods
	CO3. Approach to categorize to solve the numerical problems
	CO4.To define the most appropriate numerical method for its solution
	CO5.To locates the method to correctly interpret the results.
Digital Electronics	CO1. Identify the structure of various number systems and its application in digital design
	CO2. To perform decimal, octal, hexadecimal and binary conversions
	CO3. To apply Boolean Algebra to solve the logic functions
	CO4. To implement simple logical operations using combination a land sequential logic circuits.
	CO5 To identify and differentiate digital electronics applications.
Basic Physics I	CO1. – To understand moment of inertia of different rotating bodies & the concept in Banking of curved tracks
	CO2. – To understand different constants of Elasticity & its practical applications
	CO3. – To determine & compare the viscosities , surface tensions & interfacial surface tension of different liquids, the behaviour of highly viscous liquids & its practical applications

	CO4.- To determine the thermal conductivity of Bad conductors, different laws of thermodynamics & its practical applications
	CO5.- To understand the concept of Acoustics of Buildings, Production & applications of Ultrasonic in different fields
SEMESTER- IV	
Principles Of Communication	CO1 To learn the basic principles of analog and digital communication system
	CO2 To familiarize the student with modulation techniques
	CO3 To recognize and understand common modulation schemes for continuous wave modulation including amplitude modulation, frequency modulation and phase modulation
	CO4 To recognize and understand common digital pulse modulation schemes including delta modulation and pulse-code modulation
	CO5 To understand the common analog pulse modulation schemes including pulse-amplitude modulation, pulse-width modulation and pulse-position modulation
Programming in C	CO1. To Implement programs using Functions. Pointers and Structures in C Language.
	CO2.Implementand perform Files operations
	CO3.Perform the C Program
	CO4.Identify and understand Array in C
	CO5.Identify the code for a given algorithm,
Microprocessor-Intel 8085	CO1. Understand the basic blocks of CPU Memory, I/O ,Pin function and Architecture
	CO2.Understanding the instruction set and analyze assembly level language program
	CO3. Design a memory map for memory mapped and I/O mapped I/O
	CO4.Comprehend study of various peripherals.
	CO5. To design simple I/O Interfaces
Basic Physics II	CO1. To understand the wave nature of light through Interference, Diffraction, the type of waves through Polarization & practical applications of polarized light.
	CO2.To understand the particle nature of light through Photoelectric effect, different nuclear models, Radioactivity & its applications, Nuclear reactions & its applications
	CO3.To understand the concept of different types of LASERS & its practical applications
	CO4.To understands the basics of Fiber optics & its application in Communication.
	CO5. To understand the concept of Fiber Optic sensors, its applications in different fields, Telecommunication, Computer networks & its advantages.

SEMESTER - V	
Microcontroller	CO1. To familiarize with different types of microcontroller
	CO2. To know 8051 microcontroller in detail
	CO3To learn programming and Interfacing with 8051 microcontroller
	CO4 To develop an in-depth understanding of the operation of microcontroller and interfacing techniques
	CO5 To understand and use various I/O devices such as keypads, stepper motor, A/D converter.
Electrical And Electronics Instrumentation	CO1: To know the performance of AC and DC Instruments used for measurement.
	CO2: To understand how the unknown quantities like resistance, capacitance etc. is measured using Bridges.
	CO3: Will come through the internal structure of the Oscilloscope and its functions and to know about the different types of Oscilloscopes available.
	CO4: To gain knowledge on various instruments used to analyze signals and also to know about the Instrumentation amplifier.
	CO5: To study the performance of various transducers and its applications
Antennas Theory And Radar System	CO1 To provide the basic knowledge about the fundamentals of antenna.
	CO2. To describe the electromagnetic radiation with application to antenna theory and design
	CO3 Tomakethestudentsunderstandtheradiowavepropagationphenomenainmoderncommunicationsystems
	CO4 To understand the applications of the electromagnetic waves in free space
	CO5. Tounderstandtheadvancedtopicsindigitaltelevisionand Highdefinitiontelevision.
Industrial Electronics	CO1. To familiarize students to the principles of operations, design and Application of Thrusters
	CO2.Implement triggering mechanism
	CO3.Understand the basic operations of Inverters
	CO4. Understand the basic operations of Choppers
	CO5.Familiarize the Industrial application of LASER
SEMESTER- VI	
Computer Networks	CO1. To Understand the basic terminology of Computer Networks
	CO2.To know about transmission medium and protocols

	CO3. To learn the functioning of Data link layer of OSI Model.
	CO4. To sensitize students on Network layer and various Algorithms
	CO5. To understand the concepts of Internetworking Devices
Real Time Embedded System	CO1: To get familiarize with basics of Embedded system and Arduino and also its applications.
	CO2: To get complete knowledge of programming in Arduino for various applications.
	CO3: To understand the full history of Raspberry PI and its applications and also to run python programs.
	CO4: To facilitate the understanding of various data types in Python and also will get through loops, functions and motion detection using PI.
	CO5: To install and configure IOT using Arduino and Raspberry PI and its applications
Biomedical Instrumentation	CO1: to understand the generation of Bio electric potentials in the human body and various transducers for sensing the potentials.
	CO2: To get familiarize with the concepts of measurements of bio-potential recording and the electrodes used for picking up the signal.
	CO3: To gain knowledge on the measurement of various biological parameters and treatment process.
	CO4: To get thorough knowledge on various diagnostic equipments and biotelemetry devices.
	CO5: To familiarize the working of physiological assist devices used for diagnosis of various diseases.
Mobile Communication	CO1. To get an idea of early systems of exchanges speech digitization and Trans mission.
	CO2: To acquire knowledge on the functions of Cellular communication and its functions related to transmissions.
	CO3: Students can understand the entire functions related to GSM and also its access techniques.
	CO4: This unit helps in understanding the various concepts and services like TDMA, FDMA, Wi-Fi etc.
	CO5: They gain knowledge on the evolution of mobile technology and the spectrums related to mobile communication.

B.SC.MATHEMATICS

PROGRAMME SPECIFIC OUTCOMES

PSO1: To enhance Computational skills and Mathematical reasoning.

PSO2: Develops the ability to think critically, logically and analytically

PSO3: To develop broad and balanced knowledge and understanding of definitions, concepts, principles and theorems.

PSO4: Preparing the students to enhance career opportunities in Industries, Commerce, Education and Research.

PSO5: Provide students/learners sufficient knowledge and skills enabling them to undertake further studies in Mathematics and its allied areas on multiple disciplines concerned with Mathematics.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
	SEMESTER- I
Algebra	CO1. To study about polynomial functions and various methods to find out the roots of polynomial equations. 'Solving equations' was an important problem from the beginning of study of Mathematics itself.
	CO2.Solve the reciprocal equations. Transform the equation through roots multiplied by a given number, increase the roots and decrease the roots, removal of terms. Compute a real root of an equation by Horner's method.
	CO3.Understand and be able to apply basic definitions and concepts in set and function theory.
	CO4.Solve a system of linear equations by row-reducing its augmented form and express a system of simultaneous linear equations in matrix form.
	CO5.Prove results involving divisibility and greatest common divisors. Prove relations involving prime numbers.
Differential Calculus	CO1. To acquire knowledge about Successive differentiation
	CO2. To know about Total differential of a function
	CO3. To obtain knowledge about Envelopes
	CO4. To know about Polar coordinates
	CO5. To know about Asymptotes
Calculus of Finite difference and Numerical Analysis - I	CO1. To know about solution of algebraic equations
	CO2. To acquire knowledge about finite differences
	CO3. To know about solutions of simultaneous linear equations
	CO4. To know about interpolation with equal intervals

	CO5. To acquire knowledge of interpolation with unequal intervals
SEMESTER- II	
Trigonometry	CO1. Expansion of sinnx, cosnx, tannx and powers of sines and cosines in terms of functions of multiples of x.
	CO2.Learn to form an equation with trigonometric roots
	CO3.Define and illustrate the concept of hyperbolic functions and inverse hyperbolic function.
	CO4.Define and illustrate the concept of logarithms of complex numbers
	CO5.**Students will acquire Knowledge** about Sum of Trigonometric Series
Integral calculus and Vector Analysis	CO1. To acquire Knowledge about Integration and its geometrical applications
	CO2.To know double and triple integrals
	CO3. To acquire Knowledge about improper integrals
	CO4.To acquire Knowledge about Vector differentiation
	CO5.To acquire Knowledge about Vector integration
Calculus of Finite difference and Numerical Analysis - II	CO1. To acquire knowledge about numerical differentiation
	CO2. To acquire knowledge about numerical integration
	CO3.To know difference equations
	CO4. To obtain knowledge of numerical solutions of ordinary differential equations
	CO5.To obtain knowledge of numerical solutions of ordinary differential equations
SEMESTER- III	
Analytical Geometry	CO1. To analyze characteristics and properties of two dimensional geometric shapes.
	CO2. To analyze characteristics and properties three dimensional geometric shapes.
	CO3.To develops mathematical arguments about geometric relationships.
	CO4.Concept of lines and planes.
	CO5.Geometry and its applications in real world.
Differential Equations	CO1. To acquire knowledge About the methods of solving Ordinary Differential Equations
	CO2. To acquire knowledge About Partial Differential Equations.
	CO3.To introduces Differential Equation as a powerful tool in solving problems in Science.
	CO4. To know about complete integral
	CO5. To know about method of variation of parameters
	CO1. To acquire the knowledge of laws of probability and Baye's theorem

Mathematical Statistics - I	CO2.To obtains the concept of Random Variables and their types.
	CO3.To understands uniqueness and Chebychev's Inequality.
	CO4.To obtains the method of solving problems in Correlation and Regression.
	CO5.To know the concept in various distributions
SEMESTER- IV	
Transform Techniques	CO1. Students will acquire knowledge about Laplace Transforms
	CO2.To acquire knowledge about Inverse Laplace Transforms
	CO3.To apply Laplace transform in solving Ordinary Differential Equations with constant coefficients,
	CO4.To solves simultaneous Ordinary Differential Equations.
	CO5.To solves problems in Fourier series and Fourier transforms.
Statistics	CO1. Able to analyze force systems in plane and also in space.
	CO2.Able to solve two and three dimensional rigid body static equilibrium problems.
	CO3. To learn general motion of a rigid body, equivalent systems of forces ,parallel forces and forces along the sides of a triangle couples
	CO4.Able to determine the centroid of planes, center of gravity of masses
	CO5.Discuss the equilibrium of a uniform cable hanging freely under its own weight.
Mathematical Statistics - II	CO1. To obtain the knowledge of sampling theory and its distributions.
	CO2.To acquires the concept of Estimator and its types.
	CO3.To understands the method of solving problems in various tests.
	CO4.To knows the format of framing ANOVA and ANOCOVA table.
	CO5.To studies the theory of Neyman Pearson Lemma.
E.V.S	CO1. To know about environmental policies and practices
	CO2. Human communities and the environment
	CO3. Environmental ethics
	CO4. Environmental communications
	CO5. To obtain the experience of Field work
SEMESTER- V	
Algebraic Structures - I	CO1. Introduction to groups
	CO2. To know about normal subgroups and quotient groups.
	CO3. To study Cayleys theorem
	CO4. To acquire the knowledge about Rings
	CO5.The field of quotients of an integral domain- Euclidean Rings
	CO1.To obtains the knowledge of functions and accountability.

Real Analysis - I	CO2.To understands the concept of a Sequence and its types.
	CO3.To acquires the knowledge of divergent and Cauchy sequences.
	CO4.To knows the definition of Series and its theorems.
	CO5.To studies the concept of limits and metric spaces.
Dynamics	CO1. Able to evaluate velocity and acceleration of a particle in rectangular and cylindrical coordinate systems and angular velocity of rigid bodies that are in plane motion.
	CO2.Deal with the kinematics and kinetics of the rectilinear and planar motions of a particle including the constrained oscillatory motions of particles.
	CO3. Students should be able to describe the trajectory of an object in projectile motion and perform explicit finite element simulations of materials, components and structures subjected to impact loading.
	CO4.Learn that a particle moving under a central force describes a plane curve and know the Kepler's laws of the planetary motions, which were deduced by him long before the mathematical theory given by Newton.
	CO5.Solve the properties in M.I of area and volumes and apply these properties in equilibrium problems.
Discrete Mathematics	CO1. To know about sets and integers
	CO2. To acquire knowledge of Boolean algebra and applications
	CO3. To know about designing of switching circuits
	CO4. To acquire knowledge of recurrence relations
	CO5.To know about proportional logic and predicate logic
Programming Language in 'c'	CO1. Introduction to C variables and operators
	CO2. To study decision making and branching
	CO3. To study about arrays, strings and its functions
	CO4. To study various functions and user defined functions
	CO5. To acquire knowledge about File management.
SEMESTER- VI	
Algebraic Structures-II	CO1. To know about vector spaces
	CO2. To know about dual spaces
	CO3. To acquire knowledge of inner product spaces
	CO4.To know about algebra of linear transformations
	CO5. To know about matrices , canonical and triangular forms
Real Analysis - II	CO1. To acquire the knowledge of continuous functions connectedness, completeness.
	CO2.To obtains the concept of bounded and totally bounded.
	CO3.To acquires the definition and properties of Rieman Integral.
	CO4.To understands the theory of derivatives and its theorems.
	CO5.To knows the definition and theorems on uniform and point

	wise convergence.
Complex Analysis	CO1. To acquire knowledge about Analytic Functions
	CO2. To acquire knowledge about Bilinear Transformations
	CO3. To acquire knowledge about Complex Integration
	CO4. To acquire knowledge about Series expansions
	CO5. To acquire knowledge about Residues
Graph Theory	CO1. To know about basic definitions of graph theory
	CO2.To know about degree sequences
	CO3.To acquire knowledge of Eulerian and Hamiltonian graphs
	CO4.To obtain knowledge trees
	CO5.To know about directed graphs
Operations Research	CO1.To know about linear programming
	CO2.To acquire knowledge of assignment and tranPSOrtation problems
	CO3.To know about sequencing problems
	CO4.To acquire knowledge of queuing theory
	CO5.To know about networking

B.SC. VISUAL COMMUNICATION

PROGRAMME SPECIFIC OUTCOMES

PSO1: Have better understanding in the fields of Media, Film and TV Industries. Handle of all kind of Modern equipment's in Film and TV Media. Create all kind of Media related content which will be technically and aesthetically sound.

PSO2: Gain Knowledge on Visual Media and Print Media. Explain Modern tool usage and latest technology in Audio and Visual Production. Utilize Knowledge in Media Related Software and Computer Applications.

PSO3: Gain in-depth knowledge on pre-production, production and post-production process in Film Making. Gain proficiency in studio techniques such as photography, audio grapy and video grapy.

PSO4: To demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

PSO5: To demonstrate an understanding of the history, development, and practice of the print media, electronic media, and the new media. Assimilate technical skills on photography, cinematography, audio editing and video Editing, 2D &3D Animation and Dubbing.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
Semester- I	
Introduction to Visual Communication	CO1:Need and understanding of communication, Communication as skill expression and process
	CO2:It gives the complete understanding of semantics, its perspectives and pragmatic difficulties in children and analyses the view of Semiotics too
	CO3: Understanding the principles of design, texture, centrality and also evaluating the role of designer for better output
	CO4: Understanding the abstract in the form ofVisual illusion, understanding the stages of design, implementing the decision-making process
	CO5: Evaluation of basic elements in graphic design, techniques, concept. Brainstorming to execute the better presentation of the concept
Semester- 2	
Communication Skills	CO1: Interpersonal communication and its functions to understand the intimacy in relationship, eg. Onion theory for step by step process
	CO2: Group Communication – Understand the behavior and culture in organizational Communication
	CO3: Various theories of media to understand the press and social responsibility of masses, Effects of Media in Society
	CO4:Nonverbal Communication and its significance, Types of nonverbal behavior and its effectiveness, Kinesics, Proxemics etc
	CO5: Lateral Thinking to develop problem solving skills, Creativity, how to design messages for different audience
Semester- 3	
Advertising	CO1: Understand the nature and scope of Advertising.
	CO2: Plan and implement creative strategy, media strategy, and budgeting
	CO3: Know the latest trends in advertising
	CO4: Gain knowledge in audiovisual commercials
	CO5: Perceiving Visualization process.
Communications Aesthetics	CO1: Communication role in advertising, Graphic design and visual presence. Creativity and significance of the designer, Redundancy and noise, Reality vs. Creativity, Communication Aesthetics in 2D & 3D Animation Techniques
	CO2:II Computer Technologies and Communication design, design for information, design for persuasion, design for education and design for administration. Commercial advertising and its application in communication design, advertising and its aesthetics

	CO3: Animated Info graphics and its application in advertising, education, medical design communication, 2D and 3D animation techniques in graphic design, Interactive graphic design, Design and user interface, Visual design for mobile applications , design for e content, e content design management.
	CO4: Design for Social media application, Interpretation of social media, Advertising in social media, Social media Advertising in mobile applications, the graphic design formats for mobile advertisements, the role of Graphic designer in Communication Aesthetic design today.
	CO5: Color Perception, Psychological factors of color and its meaning, color usage in graphic design and its applications, Color Symbolism energy and its effectiveness as energy
Semester- 4	
Film Studies	CO1:The course will familiarize the students with historical development and important movements of cinema in western world, especially in United States of America, French. Germany, Italy and Soviet Russia.
	CO2: The course will familiarize the student with the elements of film form and style and also different types of films – from live action to animated and fictional to documentary.
	CO3: The course will familiarize the students with different film theories form classical to formalist perspectives and realist to ideological initiatives.
	CO4: The course will provide basic knowledge to students about the tools to analyze films.
	CO5: The course will provide outlook on various genres of films and film appreciation.
Basic Photography	CO1: The students will be able to develop the skill & knowledge of Digital Photography.
	CO2: The student will be able to visualize the concept of digital platform and various methods of image capture.
	CO3: The students will be able to Develop the method of basic image editing techniques.
	CO4:The students will be able to Develop the concept of digital output and producing the final product
	CO5: The students will be able to understand the know-how and how can they function either as an entrepreneur or can take up jobs in Photography & video studios, edit set-up, graphic arts industry and other audio-visual sectors.
Semester- 5	
Communication, Culture &	CO1: Understanding Mass Media and its characteristics; History, evolution and impact of Social Media, Role of Social media in Public opinion. Effects and power of Mass Media on individual

Society	Society & Culture.
	CO2: Media Audience Analysis and segmentation. Active vs Passive Audience, Demographic analysis, Evaluation of Audience, Uses & Gratification model(Audience Theory)
	CO3: Media as text Approaches to Media – Marxism, semiotics, sociology. Psychoanalysis by Sigmund Freud, Data analysis. Media and Realism, Role of media in Audience reach
	CO4: Media as consciousness Industry. Role of media in social change. Social construction of reality by media. Rhetoric of the image, narrative, etc.
	CO5:Media and Popular culture - commodities, culture and sub-culture, popular texts, popular discrimination, politics and popular culture, popular culture Vs people's culture, celebrity industry-personality as brand name, hero-worship, etc.
Semester - 6	
Visual Culture of India & Tamilnadu	CO1:Learn basic terminology and conceptual understanding of how visual culture is defined Build a heightened appreciation of differing forms of art.
	CO2:Purpose of learning comics is a medium used to express ideas with images often combined with text or other visual information it typically takes the form of a sequences of in panels of images it will also develop dialogue , narration, sound effects etc
	CO3: Students will understand the monumental memories and the myth and symbols. This unit will help the students to understand the other myths and Prehistory of cultural values.
	CO4: Understanding cultural as a social institution, values systems and differentiating eastern and western perspectives.
	CO5: Distinguish between art historical periods, prehistory through medieval Sharpen analytical and cultural thinking skills in examining visual art.
Television Production	CO1: Know about the difference between the TV medium and Film medium.
	CO2: Acquire the significant knowledge about the various types of video formats and television production methods.
	CO3: Understand the grammar of studio production and the key roles of production team.
	CO4: Understand the Production &Postproduction process in detail.
	CO5: Acquire an in-depth knowledge about the techniques to handle and manage the problems in each phase of production

B.A OF ENGLISH

PROGRAMME SPECIFIC OUTCOMES

PSO1: Development of Communicative Skill and Profession skill

PSO2: Can purse the core and other field of studies

PSO3: Impart Values in life

PSO4: To bring out the capabilities or possibilities

PSO5: To face Competitive Examination like TNPSC, UPSC, TOFEL and other common examination.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
Communicative English	CO1. To develop the intellectual, personal and professional abilities of students
	CO2. To acquire basic language skills
	CO3. To acquire the linguistic competence necessarily required in various life situations.
	CO4. To interpret texts in a variety of genres by performing close readings
	CO5. To develop vocabulary and improve the accuracy in grammar
British Literature-1	CO1.Students will remember social and historical events of $16^{th,}$ 17^{th} and 18^{th} centuries.
	CO2.Students will understand their impact on English writers and works
	CO3. Students will compare and contrast works of different authors of the same literary period
	CO4.Students will analyze the themes and styles in English poetry, drama, and fiction written
	CO5.Students will assess different works of the same author(s)
Shakespeare-1	CO1.Students will recollect features of Elizabethan theatre along with Shakespeare's life and works
	CO2.Students will identify the generic diversity in Shakespearean plays and describe significant features of Shakespearean oeuvre
	CO3.Students will analyze prominent themes in Shakespearean plays
	CO4.Students will synthesize acquired knowledge to critique

	his plays and enact important scenes from Shakespeare's play
	CO5.Students will appreciate Shakespearean language, literary elements and conventions
Background To English Literature1	CO1.Students will Identify and define basic terms and concepts which are needed for advanced courses in British literatures
	CO2.Students will write brief notes on seminal literary forms and devices
	CO3.Students will write brief essays on seminal writers and their period in Medieval Europe.
	CO4.Students will write brief essays on the historical background of the same period
	CO5.Students will describe the distinct periods of British literature
Communicative English	CO1. To enrich the knowledge of the students
	CO2. To equip the students to cope up with the demands of the existing education in higher learning.
	CO3. To cope up with the existing intellectual scenario through their speaking skills.
	CO4. To set a path to realize their full potential.
	CO5. to build confidence to face the corporate world
British Literature Paper - II	CO1. Students will identify the basic terms and concepts for advanced courses in BL
	CO2. Students will define the concepts needed for advanced courses
	CO3. Students will know the important works of mainstream writers from Augustan and Romantic age
	CO4. Students will describe the distinct features of BL
	CO5. Students will analyze the interpret seminal period with close reading
Indian Writing in English	CO1. Students will understand the evolution of Indian Writing in English
	CO2. Students will identify the influence of Classical Indian tradition and the impact of western colonization
	CO3. Students will analyze Indian ethos found in the representative texts
	CO4. Students will evaluate the Indian English texts from postcolonial perspective
	CO5. Students will understand the background concepts of IWE
Background to English Literature – Paper II	CO1. Students will identify and define basic terms which are needed for advanced courses in BL
	CO2. Students will describe the distinct periods of BL
	CO3. Students will identify the brief notes on literary forms
	CO4. Students will write brief essays on seminal writers from

	Augustan to Romantic Age
	CO5. Students will write essays on historical background of the same age
Language Through Literature	CO1. Reviving back the lost ethics through the language of Indian writers.
	CO2. To develop the vocabulary skills
	CO3. To build self-confidence to face the challenges in the real life.
	CO4. To learn and understand various literary devices.
	CO5.To learns about the changing social, political and cultural aspects of India through Indian Writers.
British Literature – Paper III	CO1. Will Identify and define basic terms and concepts which are needed for advanced courses in British literature
	CO2. Will write brief essays describing the distinct features of the important works of mainstream writers from Victorian Age and Twentieth Century
	CO3. Will analyze and interpret seminal poetry of the period with close reading
	CO4. Will understand life in a logical manner
	CO5. Will analyze life in a more intensive method
Aspect of English Language – Paper I	CO1. Will show their understanding of language and its features
	CO2. Will demonstrate their understanding of English Grammar
	CO3.Will use English language correctly
	CO4.Will distinguishes between correct and incorrect use of the language.
	CO5. Will know the Origin of Language – Divine Source, Natural sound source, Oral Gesture, Glasso Genetics
Background to English Literature - Paper - III	CO1. Will identify and define basic terms and concepts which are needed for advanced courses in British literature
	CO2. Will describe the distinct periods of British literature
	CO3. Will write brief notes on literary forms
	CO4. Will write brief essays on seminal writers from Britain in the Twentieth century
	CO5.Will write brief essays on the historical background of the same period
American Literature - Paper I	CO1. Will trace the origin and history of American Literature.
	CO2. Will understand the cultural, political, and stylistic protocols that governed early American literature.
	CO3.will know the impact of Puritanism and significance
	CO4. Will learn the structure of Transcendentalism.
	CO5. Will assess thematic aspects of literary texts as a part of cultural and historical movements in America.
	CO1.Will use English with an understanding of the sounds

Aspects of English Language – Paper II	present in the language.
	CO2. Will use English words with a thorough understanding of their structure and meaning.
	CO3.will learn the Introduction to Phonetics and Phonology
	CO4. Will know the Position of the Vocal Cords, Position of the Soft Palate, Place of Articulation, Manner of Articulation
	CO5. Will learn the Morphology and Word Formation
Background to European and American Literature	CO1. Will Identify and define basic terms and concepts which are needed for advanced courses in European and American literature
	CO2. Will learn the historical background of European and American literatures
	CO3. Will understand the Western Christendom, Papacy, Charlemagne, Carolingian heritage, Mediterranean Europe, Vikings, Anglo-Saxon ENG
	CO4. Will learn the History and culture of the United States of America
	CO5. Will learn the narrative of American literature; The New world; Puritan myth; American exceptionalism; Myth of the frontier; American Dream; American Pastoralism; Multiculturalism
American Literature – Paper II	CO1. Will enable the students to understand the evolution of American literature through the study of seminal texts
	CO2 Will evaluate new forms of space, identity, and writing that transformed canonical English literary structures
	CO3 Will assess thematic aspects of literary texts as a part of cultural and historical movements in America
	CO4.Will learn culture of the United States of America
	CO5 Will Identify and define basic terms and concepts
World Classics in Translation	CO1. At the end of this course students will be able to understand World Literature
	CO2.Will learn about life through human history
	CO3.Shall acquire historical and cultural knowledge of the past
	CO4.Will develop critical thinking by being exposed to brilliant minds
	CO5. Will write a few essays on a few writers and their works. few essays on a few writers and their works
Aspects of English Language – Paper III	CO1. Will introduce learners to the different ways in which language is used
	CO2. Will sensitize learners to the different ways in which English is spoken in India
	CO3.To sensitize learners to the differences between American and British English
	CO4.Will enhance writing skills of learners

	CO5.Will use language in the technological world
Introduction to Literary Theory and Criticism	CO1. Students will remember the critical thinkers or philosophers and their seminal works
	CO2. Students will understand the significance of major critical theories
	CO3.Students will analyze the themes and structure of literary works
	CO4.Students will examine dominant ideologies in a literary work
	CO5.Students will evaluate a literary work using a theoretical framework
Elective English Language Teaching	CO1. Familiarize students with second language acquisition and child language acquisition
	CO2. Enable students to understand the factors governing language acquisition
	CO3. Acquaint the students to teaching – learning language skills
	CO4. Expose the students to classroom experience in teaching language and literature
	CO5. Make the students aware of the history of ELT in India
Postcolonial Literatures in English	CO1. Define the problems and consequences of colonization
	CO2. Identify key authors, and literary forms in postcolonial literature
	CO3. Understand how ancestry, race, class, gender, history, and identity are presented in the literary texts
	CO4. Examine the use of English language by the colonized
	CO5.Think critically about the contexts of exploration and colonialism in relation to postcolonial societies
Contemporary Literature	CO1. Will identify the influence of multiculturalism, globalization, and hybridity on contemporary literature
	CO2.Will understand the concepts like alienation, identity crisis, and acculturation with respect to diaspora writing
	CO3.Will examine the representation of contemporary issues in literature
	CO4.Will categorise the major streams of thought in the prescribed texts
	CO5.Will evaluate the thematic concerns and writing styles in contemporary literature
Indian Literatures In English	CO1. Will remember the background of Indian literary tradition and the significance of Indian aesthetics
	CO2. Will understand the characteristic features of Regional Indian Literature in translation
	CO3. Will develop a basic perception about the difficulties, possibilities, and challenges in translating a text

	CO4. Will analyze the regional elements in the prescribed texts
	CO5. Will evaluate the skills involved in translation of regional Indian literature into English Background Concepts
Women's Writing	CO1. The course is designed to enable students to participate in critical and theoretical debates surrounding women's writing.
	CO2. The course will enable the students to interpret literary works by women.
	CO3. Students will be able to advance their idea of women as active participants in politics and national development.
	CO4. To understand cultural, intercultural, and trans historical concerns relating to women's writing.
	CO5. This course is meant to acquaint the students to the body of literature written by women around the world, tracing the feminist consciousness and its evolution.
Green Studies	CO1. To acquire awareness on oldest forms of eco criticism-the Tinai.
	CO2. To understand and respect world views and understand discrimination in society as failure to comply with egalitarian values of Nature.
	CO3.To familiarizes the opposing viewpoints in Man's relationship with the physical environment from literary texts.
	CO4. To understand and identify Ecological concepts such as Symbiosis, Mutation, Parasitism Biodiversity from literary texts prescribed.
	CO5. . To familiarize with ecological, deep ecological and oikopoetic principles should be able to use these critical tools to analyze and understand environmental messages from literary texts, Background concepts.

DEPARMENT OF BA TAMIL LITERATURE

PROGRAMME SPECIFIC OUTCOMES

PSO1: மத்திய தேர்வாணையப் போட்டித் தேர்வுகள் எழுதலாம்.

PSO2: தமிழ்நாடு தேர்வாணையப் போட்டித் தேர்வுகள் எழுதலாம்.

PSO3:முதுகலைத் தமிழ்/ சட்டப்படிப்புப் படிக்கலாம்.

PSO4: பட்டதாரி ஆசிரியர் பயிற்சியில் சேரலாம்.

PSO5: சீருடைப் பணியாளர் பணிக்குச் செல்லலாம்.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
	SEMESTER- I
TAMIL-I	CO1. மரபுக் கவிதையின் தன்மையும் அதன் போக்கு குறித்தும் மாணவர்கள் தெரிந்து கொண்டனர்.புதுக்கவிதை குறித்தும், அதன்வழி வெளிப்படும் வாழ்வியல் நெறிமுறைகள் குறித்தும் அறிந்து கொண்டார்கள்.
	CO2.நாட்டுப்புற இலக்கியத்தின் நோக்கம் குறித்தும் நாட்டுப்புறப் பாடல்களின் பயன்பாடு குறித்தும், அதன் இன்றையத் தேவை குறித்தும் அறிந்து கொண்டார்கள்.
	CO3.உரைநடை இலக்கியம் குறித்தும் உரைநடை எழுதும் முறை குறித்தும் இதன் வகைகளில் ஒன்றான சிறுகதைகள் சில குறிதும் தெரிந்து கொண்டார்கள்.
	CO4.கூத்திலிருந்து நாடகமும் நாடகத்திலிருந்து நவீன நாடகமும் பெற்ற வளர்சிப் படிநிலைகள் குறித்து தெறிந்து கொண்டார்கள்.
	CO5.தமிழிலக்கிய வரலாறில் மரபுக் கவிஞர்கள், புதுக்கவிஞர்கள், நாட்டுப்புறப் பாடல்கள், சிறுகதை, உரைநடை,நாடக வரலாறு போன்ற வகைமைகள் குறித்து அறிந்து கொண்டார்கள்.
இக்கால இலக்கியம்	**CO1.** ***பாரதியார் ,பாரதிதாசன் கவிதைகளின் கருத்துக்களை அறிதல்***
	CO2. ***கோடுகளும் கோலங்களும் நாவலின் மூலம் இராஜம் கிருஷ்ணனின் படைப்பாற்றலை அறிதல்***
	CO3. ***எழுத்தாளர் பூமணியின் ஆழம் சிறுகதையின் சிறப்பினை தெரிந்து கொள்ளல்***
	CO4. ***பம்பல் சம்பந்த முதலியாரின் நாடகத் திறனை கற்றறிதல்***
	CO5. ***பயண இலக்கியத்தின் பயன்பாடுகளை ஆய்தல்***
	CO1. ***வெட்சி,கரந்தை படலங்கள் வழி புறப்பொருள் கூறுகளை அறிந்துகொள்ளல்***

புறப்பொருள் வெண்பாமாலை	**CO2.** *வஞ்சி ,காஞ்சி படல செய்திகளை கற்றறிதல்*
	CO3. *நொச்சி,உழிஞைப் படலம் குறிப்பிடும்இலக்கணக் கூறுகளை புரிந்து கொள்ளல்*
	CO4. *தும்பை,வாகை படலங்களின் சிறப்பினை தெரிந்து கொள்ளல்*
	CO5. *பாடாண் படலம் மூலம் புறப் பொருளின் திணை,துறைகளை அறிதல்*
தமிழக வரலாறும் பண்பாடும்	**CO1.** *தமிழகத்தின் வரலாற்றினை ஆய்வியல் நோக்கில் அறிதல்*
	CO2. *தமிழகத்தின் சமய செல்வாக்கு குறித்துதெரிந்து கொள்ளல்*
	CO3. *சோழ,பாண்டிய, நாயக்கர்களின் ஆட்சி சிறப்பினை கற்றறிதல்*
	CO4.13 *முதல் 18 ம் நூற்றாண்டு வரையுள்ளதமிழகத்தின் நிலையைகற்றறிதல்*
	CO5. *ஐரோப்பியர் வருகைக்கு பின்னர் தமிழகத்தின்ஆட்சி குறித்து ஆய்ந்தறிதல்*
SEMESTER- II	
TAMIL-II	**CO1.** சங்க இலக்கியம் - எட்டுத்தொகை நூல்கள் குறித்தும் சில அகப்பாடல்களின் செய்திகள் குறித்தும் அறிந்து கொண்டார்கள். அதில் பதிவாகியுள்ள அகக் கருத்துக்களையும் அறக்கருத்துக்களையும் தெரிந்து கொண்டார்கள்.
	CO2.புறநானூறு,பதிற்றுப்பத்து பாடல்களில் புற,அறச் செய்திகளைத் தெரிந்துகொண்டனர்.
	CO3.பத்துப்பாட்டுக் குறித்தும் அதில் ஒன்றான முல்லைப்பாட்டுக் குறித்தும் முழுமையாகத் தெரிந்து கொண்டனர்.

	CO4. திருக்குறள்,நாலடியாரில் உள்ள அறச் செய்திகளைத் தெரிந்து கொண்டனர்.
	CO5. முச்சங்க வரலாறு குறித்து தெரிந்து கொண்டனர்.
அற இலக்கியங்கள்	**CO1. திருக்குறள் அறத்துப்பால் வழியில் நின்று மாணவர்கள் நல்வழியில் நின்று வாழ்வை மேம்படுத்திக் கொள்வர்.**
	CO2. நாலடியாரின் பாடலின் மூலம் இவ்வுலக வாழ்வையும் நிலையாமையையும் உணர்ந்து மாணவர்கள் நல்வழியில் செயல்படுவர்.
	CO3. திரிகடுகம் முதலான மருந்து நூல்களின் மூலம் நோயைக் குணப்படுத்தும் மருந்தைப் போன்று வாழ்வை மேம்படுத்தும் கருத்துக்களை அறிந்து கொள்வர்.
	CO4. ஆசாரக்கோவை முதலான நீதிநூல்கள் மனிதர்கள் எவ்வாறு இருக்க வேண்டும் மற்றும் செயல்பட வேண்டும் என்பதை அறிந்துகொள்வர்.
	CO5. ஆத்திசூடி முதலான நீதிநூல்கள் சுருக்கமான முறையில் விளக்கமான அறக்கருத்துகளை உணர்த்துவதைத் தெரிந்து கொள்வர்.
நம்பியகப்பொருள்	**CO1.*அகத்திணையியல் மூலம் அகப்பொருள் கூறுகளை அறிதல்***
	CO2.*களவியல் கருத்துக்களை கற்றறிதல்*
	CO3.*வரைவியல் மூலம் அகப்பொருள் திணைப் பகுப்பினை தெரிந்து கொள்ளல்*
	CO4.*கற்பியல் வழி பண்டைய இலக்கிய அகம்சார்ந்த செய்திகளை கற்றல்*
	CO5.*ஒழிபியல் குறிப்பிடும் கருத்துக்களை புரிந்து கொள்ளல்*

தமிழ் இலக்கிய வரலாறு	**CO1. சங்க இலக்கியங்களின் சிறப்புகளைத் தெரிந்து கொள்ளுதல்**
	CO2.சங்கம் மருவிய கால இலக்கியங்களைப் பற்றி புரிந்து கொள்ளுதல்
	CO3.பக்தி மற்றும் காப்பியங்கள் குறித்து அறிந்து கொள்ளுதல்
	CO4.சிற்றிலக்கியங்கள் மற்றும் ஐரோப்பியர் கால இலக்கியங்கள் பற்றி தெரிந்து கொள்ளுதல்
	CO5.தற்கால இலக்கியங்களின் வளர்ச்சி நிலைகளை அறிந்து கொள்ளுதல்.
SEMESTER- III	
TAMIL-III	CO1. அற்புதத் திருவந்தாதி, தேவாரம்,திருவாசகம் போன்ற சைவ நூல்கள் குறித்தும் அதன் ஆசிரியர்கள் குறித்தும் தெரிந்து கொண்டனர்.
	CO2. ஆண்டாள்,முதல் மூன்று ஆழ்வார்கள்,நம்மாழ்வார் போன்றோரின் பாடல்கள் குறித்தும் வைணவ இலக்கியத்தின் தன்மைகள் குறித்தும் தெரிந்து கொண்டனர்.
	CO3.தாயுமானவர்,வள்ளலார்,அருணகிரிநாதர் போன்றோரின் பாடல்கள் குறித்தும் அதன்வழி வெளிப்படும் கருத்தியல்கள் குறித்தும் தெரிந்து கொண்டனர்.
	CO4.திருமூலரின் திருமந்திரம்,குணங்குடி மஸ்தானின் பராபரக்கண்ணி,வேதநாயகம் பிள்ளையின் பெண்மதிமாலை போன்ற நூல்களில் உள்ள வாழ்வியல் நெறிமுறைகளைத் தெரிந்து கொண்டனர்.
	CO5.சிற்றிலக்கியங்கள் குறித்தும் அதன் வகைகள் குறித்தும் பக்தி இலக்கிய வரலாறு குறித்தும் தெரிந்து கொண்டனர்.
நன்னூல் – எழுத்ததிகாரம்	**CO1. பாயிரம்இப்பாயிரத்தின் வழி மாணவர்கள் ஆசிரியருக்குரிய மற்றும் மாணவருக்குரிய இலக்கணத்தை அறிந்துகொள்வர்.**

	CO2. எழுத்தியல் மொழிக்கு அடிப்படையாக அமையக்கூடிய எழுத்து மற்றும் அதன் பாகுபாடுகளை அறிந்துகொள்வர்.
	CO3. பதவியல் சொற்களைப் பற்றியும் அதன் வகைகளைப் பற்றியும் மாணவர்கள் அறிந்துகொள்வர்.
	CO4. உயிரீற்றுப் புணரியல் நிலைமொழியின் ஈறு மற்றும் வருமொழியின் முதல் எழுத்துக்கள் உயிர் எழுத்தாக அமைந்து புணரும் விதத்தை மாணவர்கள் அறிந்துகொள்வர்.
	CO5. மெய்யீற்றுப் புணரியல், உருபு புணரியல் நிலைமொழியின் ஈறு மற்றும் வருமொழியின் முதல் எழுத்துக்கள் மெய் எழுத்தாக அமைந்து புணரும் விதத்தை மாணவர்கள் அறிந்து கொள்வர்.
காப்பியங்கள்	**CO1.***சிலப்பதிகாரம்,மணிமேகலை வழி காப்பிய கட்டமைப்பை அறிந்து கொள்ளுதல்*
	CO2.*சீவகசிந்தாமணி மூலம் காப்பிய அழகினை கற்றறிதல்*
	CO3.*கம்பராமாயணம் , பெரியபுராணம் வழி சமயங்களில் தமிழ் நிலைத்து நின்ற பாங்கினை அறிதல்*
	CO4.*சீறாப்புராணம் மூலம் காப்பிய அழகியலை அறிந்து கொள்ளல்*
	CO5.*இக்கால காப்பியங்கள் வழி காப்பிய கட்டமைப்பை தெரிந்து கொள்ளல்*
நாட்டுப்புறவியல்	**CO1.***நாட்டுப்புறவியலின்வரலாற்றினைகற்றுக்கொள்ளல்*
	CO2.*நாட்டுப்புற பாடல்கள் பற்றி தெரிந்து கொள்ளல்*
	CO3. *நாட்டுப்புற கதைகள், கதைப்பாடல்களைதெரிதல்*

	CO4. ***பழமொழி,விடுகதைகளின்வரலாற்றினை அறிந்து கொள்ளல்***
	CO5. ***உளவியல் நோக்கில் நாட்டுப்புறவியலை ஆய்தல்***
SEMESTER- IV	
TAMIL-IV	**CO1.** இரட்டைக்காப்பியங்கள் குறித்தும் அதில் கூறப்படும் அறச் செய்திகள் குறித்தும் தெரிந்து கொண்டனர்.
	CO2.ஐம்பெருங்காப்பியங்கள் குறித்தும் சீவக சிந்தாமணி,சூளாமணி ஆகிய நாட்டு வளம்,நகர் வளம் குறித்து தெரிந்து கொண்டனர்.
	CO3.கம்பராமாயண குகப்படலம்,பெரியபுராண மெய்ப்பொருள் நாயனார் புராணம் போன்ற நூல்களில் உள்ள தோழமைப் பண்புகளையும் பக்தி நெறிகளையும் தெரிந்து கொண்டனர்.
	CO4.சீறாப்புராணம் உடும்பு பேசிய படலத்தில் வெளிப்படும் அறச் செய்தியையும் தேம்பாவணி வளன்சனித்த படலத்தில் வெளிப்படும் வாழ்வியல் மற்றும் பக்தியைத் தெரிந்து கொண்டனர்.
	CO5. மீனாட்சியம்மைப் பிள்ளைத்தமிழின் வருகைப் பருவம் குறித்தும் குற்றாலக் குறவஞ்சியின் மலை வளம் குறித்தும் தெரிந்து கொண்டனர்.
நன்னூல் – சொல்	**CO1. தமிழில் உள்ள பெயர்ச் சொற்களை அறிதல்**
	CO2. தமிழில் உள்ள வினைச் சொற்களை நன்கு அறிந்து கொள்ளுதல்
	CO3. தமிழில் உள்ள பெயர்,வினை,இடை, உரிச் சொற்களுக்கு பொதுவான கருத்துக்களை உணர்தல்
	CO4. தமிழில் உள்ள இடைச் சொற்களை நன்கு அறிந்து கொள்வார்கள்
	CO5. தமிழில் உள்ள உரிச்சொல் சொற்களின் பயன்பாட்டை உணர்தல்
	CO1. சம்பந்தர், அப்பர், சுந்தரர், மாணிக்கவாசகர், காரைக்காலம்மையார் ஆகியோரின் பாடல்களின் மூலம்

பக்தி இலக்கியங்கள்	சைவ நெறியை அறிதல்
	CO2.ஆழ்வார்கள் பாடல்களின் மூலம் வைணவக் கொள்கைகளை அறிந்து கொள்ளல்.
	CO3.தாயுமானவர், வள்ளலார், அருணகிரி நாதர் ஆகியோரின் பாடல்களின் மூலம் பக்தி மற்றும் தத்துவச் சிந்தனைகளைத் தெரிந்து கொள்ளல்
	CO4.இரட்சண்ய யாத்திரிகம் மூலம் கிறித்தவ மதக் கொள்கைகளை அறிந்து கொள்ளல்.
	CO5.குணங்குடி மஸ்தான் சாகிபு பாடல்களின் மூலம் இஸ்லாமிய சமயக் கொள்கைகளைப் புரிந்து கொள்ளுதல்.
தகவல்தொடர்பியல்	CO1. தகவல் தொடர்பியலின் கொள்கைகளையும் கோட்பாடுகளையும் அறிந்து கொள்ளலாம்.
	CO2. தகவல் தொடர்பு சாதனங்கள் குறித்துத் தெரிந்து கொள்ளுதல்.
	CO3.வானொலியின் பயன்பாடுகளைப் புரிந்து கொள்ளுதல்
	CO4.தொலைக்காட்சியின் மூலம் தகவல் தொடர்பியலின் நிலைகளைத் தெரிந்து கொள்ளுதல்
	CO5.விளம்பர உத்திகளைக் கற்றுக் கொள்ளுதல்
SEMESTER- IV	
சிற்றிலக்கியம்	CO1. *குறவஞ்சி நாடகம், நந்திவர்மனின் புகழ்குறித்து அறிதல்.*
	CO2. *முக்கூடற்பள்ளு, மூவரூலா செய்திகளை கற்றறிதல்.*
	CO3. *பிள்ளைத்தமிழ் குறித்த செய்திகளை அறிந்து கொள்ளல்*
	CO4.*கலிங்கத்துப்பரணி,அந்தாதி இலக்கியங்களை கற்றறிதல்.*
	CO5.*அழகர் கிள்ளைவிடுதூது-செய்திகளை தெரிதல்*
யாப்பருங்கலக்காரிகை	CO1. தமிழில் கவிதை இயற்ற எழுத்து, அசை, சீர், ஆகியவற்றின் தேவை குறித்து அறிந்தனர்
	CO2. தமிழில் கவிதை இயற்ற தளை, அடி, தொடை

	ஆகியவற்றின் தேவை குறித்து புரிந்துகொண்டனர்
	CO3. தமிழில் கவிதை இயற்ற பாக்களின் தேவை மற்றும் அவசியம் குறித்து தெரிந்து கொண்டனர்
	CO4. தமிழில் கவிதை இயற்ற பாவினங்களின் அவசியத்தை உணர்ந்தனர்
	CO5. உறுப்பியல், செய்யுளியலில் விடுபட்ட செய்திகளை கற்றனர்
திராவிட மொழிகளின் ஒப்பிலக்கணம்	CO1. உயிரொலிகள், மெய்யொலிகள் வகைப்பாடுகளை அறிந்து கொண்டனர்.
	CO2.ஒலியழுத்தம், ஒலியசை முறை, சொல்லின் திரிபு, அடிச்சொற்கள் பற்றி அறிந்து கொள்ளுதல்
	CO3.பெயர்ச்சொல், வேற்றுமை, மூவகைப் பெயர்கள், எண்ணுப்பெயர்கள் குறித்து தெரிந்து கொள்ளுதல்.
	CO4.வினைச்சொல், வினைவகை, சுட்டு முதலியன குறித்து அறிந்து கொள்ளுதல்
	CO5.சொற்றொடர்களின் வகைகளைப் புரிந்து கொள்ளுதல்
இலக்கியத்திறனாய்வு	CO1. இலக்கியம் வரையறை – பண்புகள் – இயல்புகள் – வாழும் இலக்கியத்தின் தனித்தன்மைகளை அறிந்து கொள்ளல்.
	CO2.கலைகளில் சிறந்தது இலக்கியக்கலை என்பதைத் தெரிந்து கொள்ளல்
	CO3. கவிதைக்கலை – உணர்ச்சி – கவிதையின் வடிவம் குறித்த செய்திகளைப் புரிந்து கொண்டனர்.
	CO4.உவமை, உருவகத்தின் வரலாற்றையும் அறிந்து கொள்ளுதல்.
	CO5.கலை கலைக்காகவே என்பதைப் புரிந்து கொள்ளுதல்
அகராதியியல்	CO1. *அகராதியியலின் விளக்கம் மற்றும் சிறப்புகளை கற்றறிதல்*
	CO2.*தொல்காப்பியத்தில் அகராதியியல் கூறுகளை ஆய்தல்*
	CO3.*நிகண்டுகளின் பொது அமைப்பினை தெரிந்து கொள்ளல்*

	CO4.தமிழ் அகராதிகளின் வளர்ச்சி வரலாற்றினைஆய்தல்
	CO5.அகராதி வகைகளை அறிந்து கொள்ளல்
SEMESTER - VI	
கணினியும் இணையமும்	CO1.கணினியின் தோற்றம் வளர்ச்சி குறித்து அறிந்துகொள்ளல்.
	CO2. கணினியின் அமைப்பைகற்றறிதல்.
	CO3. ஆவணத்தொடர்மொழிகளை தெரிந்துகொள்ளல்.
	CO4. இணைய இயக்க முறைகளை கற்றுக்கொள்ளல்.
	CO5. மின்னஞ்சல்குறித்தசெய்திகளை கற்றுக்கொள்ளுதல்.
சங்க இலக்கியம்	CO1. நற்றிணை மற்றும் குறுந்தொகை பாடலின் வழி சங்க இலக்கிய மரபுகளை மாணவர்கள் அறிந்துகொள்வர்.
	CO2. ஐங்குறுநூறு மற்றும் பரிபாடல் வழியில் சங்க இலக்கியச் சால்புகளைத் தெரிந்துகொள்வர்.
	CO3. கலித்தொகை மற்றும் அகநானூறு வழியில் சங்க இலக்கிய மொழிக் கட்டமைப்பைத் தெரிந்துகொள்வர்.
	CO4. புறநானூறு மற்றும் பதிற்றுப்பத்தின் வழியில் போர்முறை, வீரச்சிறப்பு, கொடை முதலான செய்திகளைத் தெரிந்து கொள்வர்.
	CO5. பட்டினப்பாலை வழியில் சங்ககால வணிகமுறை, நாட்டின் வளம் முதலான செய்திகளை மாணவர்கள் அறிந்துகொள்வர்.
தண்டியலங்காரம்	CO1அணி இலக்கணத்தின் தேவை குறித்துத் தண்மையணி முதல் தீவக அணியின் வாயிலாக அறிந்து கொள்வார்கள்
	CO2. அணி இலக்கணத்தின் தேவை குறித்துத் பின்வருநிலையனி முதல் ஒட்டணியின் வாயிலாக புரிந்து கொள்வார்கள்
	CO3. அணி இலக்கணத்தின் தேவை குறித்துத் அதிசயவணி முதல் தம்மேம்பாட்டுரை அணியின் வாயிலாக

	கற்றுத்தேர்ந்தனர்
	CO4. அணி இலக்கணத்தின் தேவை குறித்துத் பரியாய அணி முதல் விரோத அணியின் வாயிலாக படித்து அறிந்தனர்
	CO5. அணி இலக்கணத்தின் தேவை குறித்துத் மாறுபாடு புகழ் நிலை அணி முதல் பாவிகவணி அணியின் வாயிலாக ஆய்ந்து கற்றனர்
படைப்பிலக்கியமும் மொழிபெயர்ப்பும்	CO1. *புதுக்கவிதை ,சிறுகதை போன்ற படைப்பிலக்கிய கூறுகளை கற்றறிதல்*
	CO2.*மொழிபெயர்ப்பின் அடிப்படைகளை அறிந்து கொள்ளல்*
	CO3.*தமிழ்-ஆங்கில மொழிபெயர்ப்பின் தன்மைகளை தெரிதல்*
	CO4.*ஆங்கிலம்-தமிழ்மொழிபெயர்ப்பின் தன்மைகளை தெரிதல்.*
	CO5.*அலுவலகக் கடிதம் மொழிபெயர்த்தல் குறித்து அறிந்து கொள்ளல்*
தமிழர் அழகுக்கலைகள்	CO1.*கட்டடக்கலை -குகைக்கோவில்கள் பற்றி படித்தறிதல்*
	CO2.*சிற்பக்கலை குறித்த செய்திகளை அறிதல்*
	CO3.*கூத்துக்கலையின் சிறப்பினை அறிந்து கொள்ளல்*
	CO4.*நாடகக்கலையின் மறுமலர்ச்சியினை தெரிந்து கொள்ளல்*
	CO5.*கலைகளை போற்றும் தன்மையை ஆய்தல்.*

BACHELOR OF BUSINESS ADMINISTRATION

PROGRAMME SPECIFIC OUTCOMES

PSO1: Demonstrates foundational knowledge in Accounting, Economics, Finance, Operations, Statistics, Management, and Marketing in Application of Concepts and Theories which enables students to solve business problems.

PSO2: To stimulate students interest in research and initiate them to conduct secondary research into business issues with appropriate research methodologies.

PSO3: To groom the students' overall personality and to train them in communication skills effectively both in oral and written form.

PSO4: To inculcate Entrepreneurial skills among the students to develop potential to think creatively and innovatively in business projects.

PSO5: To impart education in basic understanding of computer hardware and software and encourage the students to understand and inculcate decision-making and problem-solving skills to manage business challenges effectively.

COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
SEMESTER - I	
Principles of Management	CO1: To understand the Classification of the Management by objectives and help for the better management of resources and activities of an organization
	CO2: To study the Effective plans, co-ordinate the organizational work and eliminate unproductive effort
	CO3: To learn the division of work that leads to efficient performance of duties.
	CO4: To ensure successful implementation of the decision making through follow up procedures.
	CO5. Enabling students to assess managerial practices and choices relative to ethical principles and standards
Financial Accounting	CO1: To Provide the basic understanding of accounting principles & techniques in preparing the final accounts of firms and companies for the users of accounting information
	CO2: To Explore the single-entry system
	CO3: To Illustrate the financial statements of a sole proprietor.
	CO4: To study the concepts of how to make use of depreciation accounting and methods.
	CO5. To Understand the concept of exempted incomes.
Managerial Economics	CO1: To learn the scope and importance of managerial economics
	CO2: To study how to apply demand theory in consumer behaviour
	CO3: To understand the Value demand forecasting methods.
	CO4: To explore the Differentiate production and cost functions
	CO5. To understand the demands and supply conditions and assess the position of a company
NME- Basics of retail marketing	CO1: To Understand the functions of retail business, retail formats and retail channels.
	CO2: To Understand the difference between Retail and Manufacturing Supply Chain.
	CO3: To Understand the key drivers of retail supply chain; and to know the methods to select a retail store location.
	CO4: To Analyze Retail Market and Financial Strategy

	including product pricing.
	CO5: To know how to Integrate the various Supply Chain partners and to collaborate with them.
SEMESTER - II	
Business Communication	CO1: Enabling students to have an effective communication skills
	CO2: To demonstrate the principles in drafting business letters
	CO3: To study and compare business letters
	CO4: To develop skills in report writing
	CO5. To demonstrate effective interpersonal communications.
Management Accounting	CO1: To demonstrate the concept of management accounting and its advantages & disadvantages
	CO2: To classify the ratios and its merits
	CO3: To classify the preparation of fun flow statement
	CO4: To demonstrate the preparation of cash flow statement
	CO5: To identity the concepts of marginal costing and cost volume analysis
International Trade	CO1: To identify the basic difference between inter-regional and international trade.
	CO2: To show the benefits of international trade in a way how nations with strong international trade have become prosperous
	CO3: To explain how restrictions to international trade would limit a nation in the services and goods produced within its territories
	CO4: The importance of maintaining equilibrium in the balance of payments
	CO5.To familiarize with market classification and scope
NME- Basics of Business Insurance	CO1: To have a Basic understanding of the insurance mechanism.
	CO2: To learn the concept of insurance to cover the risks.
	CO3: To identify the relationship between insurers and their customers.
	CO4: To study the Overview of major life insurance and general insurance products.
	CO5. To study the *basic* principles of risk *insurance* and their applications to *business* management
SEMESTER - III	
Financial Management	CO1: To Identity the principles of capital structure
	CO2: To learn the working capital management and its techniques of forecasting in working capital
	CO3: To understand the concept of cost of capital and its classifications
	CO4: To Identity the preparation of production, sales, cash budget, flexible budget
	CO5: To Classify the capital budgeting appraisal methods

Organizational Behaviour	CO1: To study Human Behavior in an organization
	CO2: To study the group dynamics and demonstrate skills required for working in groups
	CO3: To enable students to face challenges related to group dynamics
	CO4: To study processes used in developing communication and resolving conflicts
	CO5: To learn the organizational change and steps in managing change
Computer Application in Business	CO1. To understand the basic of computers in business and internet
	CO2. Enabling students to gain knowledge on Microsoft word and Microsoft excel
	CO3. To demonstrate the problem solving skills in MS office
	CO4. To enable the students to know more about the database management environment
	CO5. To understand how to implement the concepts of EDI and Internal Auditing
Marketing Management	CO1: To study the principles of marketing management
	CO2: To understand the concept of 7 P's of Marketing mix
	CO3: To enable the students to understand the fundamentals of marketing concept and the role marketing plays in business
	CO4: To understand the aspects of physical distribution
	CO5: To study the recent trends in marketing
Business Statistics	CO1: To demonstrate how to organize the data
	CO2: To study how to create graphical representations using pie chart
	CO3: To learn the concepts of Central Tendency and Dispersion
	CO4: To analyze the relationship between the variables and the egressions
	CO5: To learn the probability rules and concepts relating to discrete and continuous random variables to answer questions within a business context
Environmental Studies	CO1: To demonstrate critical thinking skills in relation to environmental affairs.
	CO2: To demonstrate knowledge and application of communication skills and the ability to write effectively in a variety of contexts.
	CO3: To demonstrate the ability to integrate various disciplines and fields that intersects with environmental concerns.
	CO4: To demonstrate awareness, knowledge, and appreciation of the intrinsic values of ecological processes and communities.
	CO5. To Understand and evaluate the global scale of environmental problems

SEMESTER - IV	
Human Resource Management	CO1: To learn the functions of HRM and its techniques
	CO2: To integrate the knowledge of HR concepts to take correct business decisions.
	CO3: To develop the necessary skills set for application of various HR issues.
	CO4: To analyze the strategic issues and the strategies required to select and develop manpower resources.
	CO5: To develop the understanding of the concept of human resource management and its relevance in organizations
	CO1: To learn the concept of Indian Contract Act.
	CO2: To demonstrate the special contracts – bailment and pledge.
	CO3: To differentiate the special contracts -indemnity and guarantee.
	CO4: To gain the knowledge of fundamental aspects of Companies Act.
	CO5: To understand the fundamental aspects of Indian contract Act and Sale of Goods Act.
Financial Services	CO1: To study the role of financial services.
	CO2: To learn the venture capital financing and securitization process.
	CO3: To understand the classification of leasing and factoring services.
	CO4: To learn the need for credit rating agencies.
	CO5:To study the concepts of the merger and acquisition strategies
Management Information system	CO1: To Relate the basic concepts and technologies used in the field of management information systems.
	CO2: To Compare the processes of developing and implementing information system
	CO3: To analyze the relationship between information systems and organizations.
	CO4: To gain expertise to use strategic information system
	CO5: To evaluate the benefits and limitations of enterprise systems and industrial networks
Operation Research	CO1. Enabling Students to know about the Operation Research and its Significance in Business.
	CO2.To understands the concept of various decision making tools used in Business.
	CO3.To utilize PERT and CPM in project Management.
	CO4.To makes use of simplex method in optimization problems.
	CO5.Enabling Students to know about the construction of workflow system using Queuing Theory.

SEMESTER - V	
Advertising Management and Sales Promotion	CO1: To examine the importance of market segmentation towards the development of advertising and promotion program
	CO2: To develop creative strategies for advertising.
	CO3: To explicate advertising research needs
	CO4: To discover sales promotion strategies.
	CO5: To associate the process and principles of personal selling and sales promotion
Research Methodology	CO1: To identify and discuss the concepts and procedures of sampling, data collection, analysis and reporting
	CO2: To examine the research problem and to study the research process.
	CO3: To evaluate research designs
	CO4: To analyze data collection techniques.
	CO5: To organize the research reports
Operations Management	CO1: To identify the elements of operation management and transformation processes to enhance productivity and competitiveness.
	CO2: To learn the production planning and control techniques to estimate production and operations design
	CO3: To learn the inventory management techniques
	CO4: To study the suitable materials for handling principles and practices in the operations.
	CO5: To enhance the effective use of work measurement techniques
Materials Management	CO1: To understand how the knowledge of material management can be an advantageous to logistics and supply chain operations.
	CO2: To realize the importance of materials both in product and service.
	CO3: To learn the concepts of MRP, ERP and PLM in managing materials
	CO4: To understand the issues of ethics in purchasing and negotiating
	CO5: To sensitize students on the material management functions like planning, purchasing, controlling, storing, handling, packaging, shipping, distributing and standardizing.
Entrepreneurial Development	CO1: To provide conceptual exposure on converting idea to a successful entrepreneurial firm
	CO2: To understand the functions of the entrepreneur in the successful, commercial application of innovations
	CO3: To explore entrepreneurial leadership and management style.
	CO4: To learn how to start an enterprise and design business plans, that are suitable for funding by considering all dimensions

	of business.
	CO5: To Understand entrepreneurial process by way of studying different case studies.
SEMESTER - VI	
Business Environment	CO1: To demonstrate sensitivity towards ethical and moral issues and inculcate ability to address them in the course of business.
	CO2: To evaluate the legal, social and economic spheres of business
	CO3: To familiarize with the nature of business environment and its components.
	CO4: To learn the concepts of the political and legal system.
	CO5: To understand the importance and role of ethical behavior in the business world today.
Service Marketing	CO1: To develop an understanding of the state of the art service management thinking.
	CO2: To understand the service marketing opportunities.
	CO3: To understand the service design, its strategies and its development.
	CO4:To acquire knowledge on central exise duty
	CO5: Demonstrate an extended understanding of the similarities and differences in service-based and physical product based marketing activities
Business Taxation	CO1: To acquire working knowledge of the fundamental tax principles and rules.
	CO2: To study the awareness of how taxes can and often do constitute significant costs to businesses and households.
	CO3: To understand the provisions of agricultural income.
	CO4.To acquire the complete knowledge of basic concepts of income tax
	CO5.To understand the concept of exempted incomes
Customer Relationship Management	CO1: To understand the basic concepts of Customer relationship management.
	CO2: To understand the marketing aspects of Customer relationship management.
	CO3: To enhance business communication skills required to work effectively within a marketing team.
	CO4: To understand basics of operational Customer relationship management.
	CO5. To develop a wide understanding on customer relationship management concepts and frameworks.
Project work(Group)	CO1. To identify the problem and finding the solution.
	CO2.To demonstrates sound technical knowledge of their selected project topic.
	CO3. To identify, analyze, and solve problems creatively

	through sustained critical investigation by conducting secondary survey.
	CO4. To give a practical exposure on any emerging managerial area and provide opportunities to the students to apply theoretical and practical knowledge to provide solution.
	CO5. Provides space for creativity.
Value Education	CO1: To learn about philosophy of Life and Individual qualities.
	CO2: To learn and practice social values and rePSOnsibilities.
	CO3: To learn more of Engineer as RePSOnsible Experimenter.
	CO4: To learn more of Risk and Safety assessment with case studies.
	CO5: To understand the importance of value based living

B.COM ACCOUNTING AND FINANCE

PROGRAMME SPECIFIC OUTCOMES

PSO1: Curriculum offers a number of specializations and practical disclosures which provides the students to face the contemporary challenges in the business activities

PSO2: The knowledge in different specializations like Accounting, Costing, Banking and Finance helps to inculcate skills among the students to flourish as Marketing Managers, Selling Managers with over all Administrative abilities of the Company.

PSO3: Strengthens their capacities in varied areas of commerce and industry aiming towards holistic development of learners.

PSO4: Enables students to develop communication skills, computer awareness and the rules of Income Tax Act. Builds commercial and professional perspective towards self-employment

PSO5: .Equips students to have a wide Understanding on the legal issues and the law relating to banking and insurance sector.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER - I	
Financial Accounting	CO1. Students will understand the advanced adjustments in preparation of final accounts, income &expenses, receipts and payments and non-

	trading organization balance sheet.
	CO2. Students will inculcate voracious knowledge in the process of preparation of depreciation of assets and different depreciation methods
	CO3.Knowledge is inculcated and enriched in the process of preparation of single and double entry system of accounting.
	CO4. To impart knowledge on the rectification of errors in accounting and also useful in enabling CA courses.
	CO5. Students can gain knowledge through various modes of interest calculations in hire-purchase and installment system.
Business communication	CO1. To understand the types and the barriers of communication
	CO2. To inculcate the art of drafting business letters such as sales letter, order letter, inquiry letter, complaint letter etc.,
	CO3. To inculcate the art of correspondence among the students to strike best deals with banks, insurance companies, share holders and directors, etc.,
	CO4. To instill knowledge on report-writing, Agenda, Minutes, Memorandum, and Circular.
	CO5. To demonstrate verbal and non-verbal communication ability through presentations in video conferencing.
Financial Planning and Performance	CO1: to understand the strategic planning process, models and analytical techniques.
	CO2: To Achieve an understanding of forecasting techniques and demonstrate the budget.
	CO3: To understand the Cost and variance measures.
	CO4: To learn the concepts of responsibility centers and reporting segments.
	CO5: To know the importance and use of performance measures and to learn key performance indicators.
SEMESTER - II	
Advance financial accounting	CO1. To gain knowledge on the methods of branch accounting and system
	CO2. To learn calculation of profit in various inter-departments.
	CO3. To gain awareness and insight in to the process of admission, retirement and death of partnership business.
	CO4. To inculcate knowledge in the field of dissolution of partnership and liquidation procedure in partnership business.
	CO5.To gain knowledge on accounting standards and procedures.
Principles of management	CO1. To demonstrate the roles, skills and functions of management and to know about the various levels of managers. To Understand the different concepts related to scientific management
	CO2. To create knowledge about planning, decision making in business mode. To know about the need and scope of human resources management
	CO3. To analyze an effective knowledge about span of control,

	Departmentalization. Determination of business models for future
	CO4. To provide an outline about centralization and decentralization. Enrich the leadership qualities in various modes.
	CO5. To handle the situation through co-ordination and controlling process.
Financial analytics and control	CO1. to understand the underlying basics of accounting information system
	CO2. To gain knowledge on Technology-Enabled Finance Transformation and Data Analytics
	CO3.to make the students understand about Cost Measurement Concepts & allocation of cost to various departments in a firm
	CO4. To have a clear idea and knowledge on Supply Chain Management and Business Process Improvement
	CO5. To know about Internal Controls & Corporate Governance
SEMESTER - III	
Corporate Accounting	CO1: To know about the journal entries of issue of shares and redemption of preference shares.
	CO2: To Work with profit prior to incorporation, Issues and redemption of debentures and Underwriting of shares in companies accounts.
	CO3: To Learn about the final accounts of the companies.
	CO4: To Learn about the valuation method of shares and goodwill and measurement of performance of companies.
	CO5. Ability to inculcate independently Final account of Life Insurance calculation
Banking theory law and practice	CO1. To understand the origin of banking and its workings; and to discuss the impact of government policies and regulations on the banking industry
	CO2. To know about the structure of banking industry and demonstrate about working of RBI
	CO3. To make students understand the various committees about financial inclusion in banking and know about the electronic money.
	CO4. To handle bank accounts and to enrich ideas about negotiable instruments and types of crossing.
	CO5. To grasp knowledge about endorsement, paying banker and ombudsman and to know about the customer grievances.
Marketing	CO1. Students can gain knowledge about different kinds of markets, its functions, history and objective
	CO2. Students can gain knowledge on the motives and behaviors of consumers in current market conditions.
	CO3.To can gain knowledge on product, price, promotion and physical distribution.
	CO4. Students can gain knowledge on the aspects of different members in distribution channels regarding markets.
	CO5. To gain knowledge in recent trends in marketing and e-markets

	also.
Financial reporting	CO1. To know about the Financial Statements (per US GAAP and IFRS)
	CO2. To have knowledge about Revenue Recognition (per US GAAP and IFRS)
	CO3. To have a clear idea about valuation of Current Assets and Current Liabilities (per US GAAP and IFRS)
	CO4.To know the Knowledge based intangibles, Legal rights based intangibles, Goodwill, Leasehold Assets & Liabilities and Deferred Taxes
	CO5.To have an idea about Equity transactions (per US GAAP and IFRS
Business statistics	CO1. To study the concept of Diagrammatic Representation
	CO2.To calculates Measures of Central Tendency for the given data & Obtain the solutions of Measures of Dispersion with simple problems.
	CO3. To understand the concept of Correlation in Bivariate distribution and study the concept of Regression and Properties of correlation and regression coefficients
	CO4. To know the variation in Time Series with simple problems
	CO5. to understand statistical Quality control, Index Numbers and its types & Test.
SEMESTER - IV	
Advance Corporate Accounting	CO1: To describe the accounting procedure for Alteration of share capital
	CO2: To Know about the journal entries of Amalgamation, Absorption & External Reconstruction
	CO3: To apply knowledge to prepare Liquidator's Final Statement of Accounts and to calculate Liquidator Remuneration.
	CO4: To learn the Preparation of Consolidated Final Statement of Accounts for Holding and Subsidiary company
	CO5: To explain, illustrate the Profit and Loss account and Balance sheet of Banking Companies
Financial Services	CO1: To understand the concept, Forces and Players in Financial Services Market.
	CO2: To learn and understand the concepts of Merchant Banking, Public Issue Management and Underwriting
	CO3: To explain the concepts, function and features of Indian capital market and Stock exchange.
	CO4: To achieve an understanding of Lease Financing, Hire Purchase Financing, Factoring, Bill discounting and Consumer finance.
	CO5: To understand Venture capital, Credit Rating Process, Life Insurance and Pension fund.
Corporate and Business law	CO1. To gain knowledge about laws, rules and regulations regarding corporate world and its environment.
	CO2. To attain different forms in offer, acceptance, consideration, etc.

	CO3. To know about frauds, misrepresentation, mistake, void and unlawful agreement difference on them.
	CO4. To gain knowledge on formation of company, memorandum and articles important concepts of corporate world.
	CO5. To gain knowledge on company's important documents like prospectus, company registration, share capital formation, alteration, dividend declaration and different types of meeting inside companies.
Indirect taxation	CO1. To know about the history of tax and understand the basic concepts of the Goods and Services Tax
	CO2. To know about the tax structure and develop a clear knowledge about the levy and collection of tax and tax credit
	CO3. To demonstrate the structure of GST and develop the knowledge about the provisions regarding registration, preparations of books of accounts and filing of returns under the Act.
	CO4. To understand the powers of GST authorities regarding inspection, search and seizure and to know about eligibility and practice and career avenues.
	CO5To provide knowledge about customs duty and exemption from customs duty.
Operational research	CO1. To formulate a real-world problem as a mathematical programming model
	CO2. To understand the theoretical workings of the simplex method for linear programming and perform iterations of it by hand
	CO3. To understand the relationship between a linear program and its dual, including strong duality and complementary slackness
	CO4. To solve specialized linear programming problems like the transportation and assignment problems
	CO5.To have a basic understanding about the Customs Laws in India
SEMESTER -V	
Elements of Cost Accounting	CO1: To recognize the principles and the importance of cost accounting
	CO2: To explain and illustrate Cost Sheet and also to draw Estimated cost sheet for future period
	CO3: To gain knowledge about Material cost control and to maintain the stock level of materials.
	CO4: To examine, show and employ different methods of incentive payments for labour costing problems.
	CO5: To enable students to understand and apportion the overheads; and to prepare over head distribution statement and Machine hour rate
Financial management	CO1. To know the concept of Financial management with its importance
	CO2.To know the theories of capital structure, cost of capital with simple problems
	CO3. To have clear idea and knowledge on how Dividend decisions will affect the firm with different methods

	CO4.To get familiarize with the importance of Working capital and Factors influencing the same in the firm
	CO5. To get idea about the capital budgeting
Income tax law and practice - 1	CO1- To know about the basic concepts and definitions of Income Tax Act 1961 and also to have deep insights on the residential status of assesse and incomes exempted from tax
	CO2- To familiarize with the computation of income from salary
	CO3- To provide knowledge on the computation of income from house property and legal provision
	CO4- To make students understand about computation of income from business and profession
	CO5- To know the methods to file the tax returns and familiarize students with Accounting Standards.
Portfolio-management	CO1. To gain knowledge on the risks in investments schemes, returns benefits and portfolio manager role.
	CO2. To know about the value of money and computation for future interest per annum.
	CO3. to know about various steps in planning, selection, evaluation regard portfolio analysis.
	CO4.To interprets about risks and returns, variance analysis, measures and bond verification.
	CO5. To swap analysis and SEBI regulations for portfolio operations and managements
Practical auditing	CO1. To know about the auditing facts, procedure, verification, checking methods, techniques in auditing internal control system.
	CO2.To knows about the verification procedure and vouching of important documents during auditing.
	CO3. To have knowledge on auditing types and accounting standards to be followed in auditing procedure.
	CO4. To know the qualification of the auditors, his nature of work, report submission in general meetings, responsibilities and duties of his, during financial reporting of any company they work.
	CO5. To know the recent trends in auditing procedure to be followed.
SEMESTER - VI	
Advanced Cost Accounting	CO1: Demonstrate the Calculation of Profit on Contracts by Preparing Contract account and Job costing
	CO2: To learn about the abnormal Gain & Loss, Joint Products, By Products and Equivalent Production through Process Accounts.
	CO3: To gain knowledge about the Preparation of Operating Cost Sheet for Transport, Power Supply and Hospital
	CO4: To prepare PV Ratio, Break Even Point, Margin of Safety and Marginal cost Statement.
	CO5: To define the terms with regard to Standard Costing and variance analysis.
	CO1. To know the financial markets, role, evaluation, growth, shares,

Capital markets	bonds, company fixed deposits, voting rights etc,.
	CO2.To know about the aspects in regulation authority SEBI, its role and functions in capital markets
	CO3. To know about stock market and commodity markets, its functions and different working markets in the world.
	CO4. To understand the raising new issues in shares, underwriting methods and IPO process in primary markets.
	CO5. OTCEI vs. stock exchange important aspect for students to open different bank investment account and price determination on speculation or stock values.
Entrepreneurial development	CO1. To develop entrepreneurial awareness among students and to motivate students and to make their mind set for thinking entrepreneurship as career.
	CO2.To help in Developing Successful Business Ideas
	CO3.To have knowledge on Opportunity Identification and Evaluation
	CO4. To have a Clear vision on the business Planning Process
	CO5. To generate funds for the business. (Sources of Finance)
Income tax law and practice-2	CO1. To compute capital gains.
	CO2. To know about the computation of income from other sources
	CO3.To provides knowledge about clubbing of incomes and carry forward and set off losses.
	CO4- To know about the aggregation of income, deduction under section 80C to 80U and assessment of individual income
	CO5- To know about the powers and duties of central board of direct authorities.
Working Capital Management	CO1: To describe the concept of working capital management and working capital life cycle.
	CO2: Different approaches to Financing Current Assets on Working Capital Finance.
	CO3: To Identify and evaluate the necessary tools to use in managing a company's net daily cash position.
	CO4: To evaluate a company's management of accounts receivable, inventory, and accounts payable.
	CO5: To analyze the effects of Techniques for managing.

B.COM CORPORATE SECRETARYSHIP

PROGRAMME SPECIFIC OUTCOMES

PSO1: To make students understand the concepts of financial transactions and various Conventions & practice of Fundamentals of FINANCIAL, COST, CORPORATE, MANAGEMENT and ACCOUNTING.

PSO2: Possess wide spectrum of managerial skills along with competency building qualities in specific areas of business studies. Exercising professional skills, values, team spirit, and to accept the challenges in the Industry and Academics.

PSO3: To impart the basic knowledge of Compliance Procedures, Corporate Social Responsibility, Due Diligence, Audit Committees etc., To Impart basic knowledge and Legal framework and provisions of Income Tax Act.

PSO4: To prepare students with skills that fit to the jobs in the corporate world. To make students pursue post graduation and other related courses.

PSO5: Analyze the administrative and Secretarial practices towards the effective functioning of the business. Understand the application of secretarial practices in both theoretical and practical aspects.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER - I	
Financial Accounting	CO1. Prepare Final accounts, Receipts and Payment accounts.
	CO2. Analyze Rectification of errors and Bank reconciliation statement
	CO3.Describe the methods of Calculation of depreciation
	CO4. Prepare Income and Expenditure accounts.
	CO5. Illustrate Hire purchase and Installment system
Business Communication	CO1. Enumerate Principles and barriers of effective communication.
	CO2. Analysis of business letters
	CO3. Discuss Company correspondence with bank, insurance companies, shareholders and Directors
	CO4. Explain Report writing
	CO5. Describe various forms communication
International Trade	CO1.Understand the nature and scope of International Trade
	CO2. Enumerate Trade policy.
	CO3.Describe functions of WTO
	CO4. Analyze the Balance of payment and exchange control
	CO5. Analyze International monetary system and international liquidity

SEMESTER - II	
Advanced Financial Accounting	CO1. Prepare Branch accounts and departmental accounts
	CO2. Prepare of Departmental accounts and their allocation of expenses among the departments.
	CO3. Describe Partnership accounts including admissions, retirements, deaths and insolvency
	CO4. Prepare financial statements for partnership firm on dissolution of the firm
	CO5. Enumerate Accounting standard for financial reporting.
Corporate Management	CO1. Discuss the Nature and scope of Management process
	CO2. Describe the Planning and decision making process.
	CO3. Understand the Human resources planning, training, recruitment and selection
	CO4. Identify the training needs and methods of performance appraisal.
	CO5. Understand the theories of motivation; and Needs and types of Co-coordinating & Control.
Business Economics	CO1.Understand the Fundamentals of Micro economics and Macro economics.
	CO2. Understand the concepts of demand, supply analysis and theory of consumer behaviour
	CO3. Analyze consumer behaviour.
	CO4. Apply economic theories in decision making
	CO5. Understand the concepts of product pricing
SEMESTER - III	
Corporate Accounting	CO1. Explain accounting treatment for Issue of shares, debentures and Redemption of preference shares and debentures
	CO2. To analyze acquisition of business and profit prior to incorporation.
	CO3. Able to prepare Company final accounts
	CO4. Describe procedure for the Valuation of goodwill and shares.
	CO5. Discuss Alteration of share capital.
Company Law and Secretarial Practice	CO1. Understand in detail the evolution of Company Law and procedure for incorporation of company
	CO2. Describe the role of Company Secretary and his rights, duties and powers
	CO3. Elucidate prospectus, its types and secretarial duties in issue of prospectus
	CO4. Demonstrate key managerial personnel and the procedure for convening different types of meeting
	CO5. Describe NCLT, Special court Mediation and Conciliation panel.
Business Statistics	CO1.Describe the meaning and characteristics of Statistics. Explain presentation of data by diagrammatic and graphical methods

	CO2.Evaluate measures of central tendency, measures of variation and measures of skewness.
	CO3. Analyze correlation and Regression
	CO4. Forecast Time series analysis
	CO5. Calculate Index Numbers
SEMESTER - IV	
Advanced Corporate Accounting	CO1. Explain External and internal reconstruction of a company
	CO2. Explain Amalgamation
	CO3. Calculate liquidators remuneration
	C04. Compute Holding Companies and prepare Consolidate Final Statement of accounts.
	CO5. Prepare Banking company accounts
Indirect Taxation	CO1. Understand history, concept, types and canons of taxation
	CO2. Discuss the basic concepts of GST
	CO3. Enumerate GST Taxation/ Assessment proceedings.
	CO4. Discuss tax audit.
	CO5. Explain Customs duty.
Securities Law and Market Operation	CO1.Understand Primary & Secondary Markets
	CO2. Elucidate financial instruments in primary and secondary market
	CO3. Enumerate mechanism of stock market trading.
	CO4. Understand the concept of demat trading and role of depositories.
	CO5. Discuss credit rating agencies and its function
SEMESTER - V	
Cost Accounting	CO1. To analyze the elements of cost and preparation of cost sheet and tenders.
	CO2. Describe the Procedure for preparation of Stores ledger
	CO3. Illustrate Calculation of wages
	CO4.Demonstrate Classification and apportionment of overheads.
	CO5.Explain Unit costing, Job costing, Process costing, Operation and Operating costing.
Corporate Governance and Ethics	CO1.Understand Corporate Governance and organizational success.
	CO2. Analyze the roles, responsibilities and powers of corporate Management Committee.
	CO3. Explain various corporate governance forums.
	CO4. Understand the concept of Corporate Social responsibilities and its Objectives.
	CO5. Understand the concept of factors responsible for ethical & Unethical business decision.
Business Law	CO1.Understand Basic concepts of Indian Contract Act
	CO2. Describe the Structure and formation of contract.
	CO3. Discuss the Contract of Indemnity and Guarantee
	CO4. Enumerate the Contract of agency

	CO5. Demonstrate the Law of Sale of goods
Income tax Law And Practice- I	CO1. Understand Basic concepts of Income tax and Income Tax Act, 1961 and determine Residential Status
	CO2.Compute the income under the head" Income from Salary"
	CO3.Compute income under the head "Income from House Property"
	CO4.Compute income under the head "Income from Business or Profession"
	CO5.Understand the concept of E-filling
Marketing	CO1. Understand basic concepts of Marketing.
	CO2.Analyse Market Segmentation and Consumer buying behaviors.
	CO3.Explain Product Line Cycle.
	CO4. Illustrate channels of distribution.
	CO5.Explain recent trends in Marketing and E-Marketing.
SEMESTER - VI	
Industrial Law	CO1.Understand the Factories Act, 1948 (health, safety and welfare measures)
	CO2.Describe Industrial Disputes Act, 1947 (strikes, lock outs, layoff and retrenchment)
	CO3.Demonstrate The Workmen Compensation Act, 1923 (distribution of compensation, medical examination, notice and claim)
	CO4. Illustrate Employees State Insurance Act 1948 (ESI Corporation, contribution and recovery, penalties for false claims)
	CO5. Understanding the concept of Employee Provident Fund and Miscellaneous Provision Acts 1952.
Management Accounting	CO1.Understand Management accounting concepts and techniques for business decisions
	CO2.Apply and analyze different types of interpretation of financial statements..
	CO3. Calculate various accounting ratios, reports and relevant data.
	CO4.Preparing Fund Flow Statement and Cash Flow Statement.
	CO5. Analyzing Marginal costing
Entrepreneurial Development	CO1.Understand the Concept of entrepreneurship
	CO2.Discuss the role of financial institutions in the development of entrepreneurs.
	CO3.Understand the creative process of opportunities, identifications sand screenings
	CO4.Evaluate Parameters to assess opportunities and constraints for new business ideas; and device a business plan.
	CO5. Analyze the Role of entrepreneur in economic growth and development of women entrepreneurship
Income tax Law And	CO1.Understand the capital gains and procedure for calculating

Practice- II	capital gains
	CO2.Compute problems relating to income from other sources
	CO3.Apply Income tax provisions relating to Clubbing of income & set-off and carry forward of losses
	CO4.Illustrate assessment of individuals and computation of tax liability
	CO5.Understand the Income Tax Authorities and Procedures.
Institutional Training	CO1Acquaint the students with Company's activities, organization structure
	CO2.Understand the layout, working conditions, office maintenance, safety and sanitary conditions.
	CO3.Understand the Secretarial service, communication, equipments, postal and mailing services and equipments.
	CO4.Acquaintance with office machines and equipments and accounting, machines.
	CO5.Acquaintance with filing department, sales, purchases, sales accounts, salary, administration and personnel departments

B.COM GENERAL

PROGRAMME SPECIFIC OUTCOMES

PSO1: Students are able to gain a thorough basic knowledge in the fundamental of Commerce, conceptual knowledge of Accounting and acquire skills of maintaining accounts.

PSO2: Curriculum offers a number of specializations and practical disclosures which would provide the student to face the contemporary challenges in the business activities

PSO3: Further the students are encouraged with add on, value based and job oriented courses which ensure them to the sustained in the organization level.

PSO4: Students acquire entrepreneurial, legal and managerial skills and develop the techniques of communication to be successful in business and personal life.

PSO5: Students identify the avenues of marketing and banking both traditional and Modern.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER - I	
Financial Accounting	CO1: To know about basic concepts of Accounting
	CO2: To Know About Depreciation And Insurance Claims
	CO3: To introduce single entry system of accounts
	CO4: To Understand About Rectification Of Errors And Bank

	Reconciliation Statement
	CO5: To gain knowledge on preparation of accounts in Hire purchase and Installment system.
Business Communication	CO1. To facilitate the students to understand the concept of communication.
	CO2. Make the students to know the basic techniques of the modern forms of communication.
	CO3. Enable the students to write the correspondence letter.
	CO4. To acquire knowledge about report writing and meeting reports.
	CO5. To develop understanding about business letter.
Business Economics	CO1. Understanding the basic concepts of Business Economics
	CO2. Basic concepts of demand, supply and equilibrium and their determinants
	CO3. Understanding the theory of consumer behavior
	CO4. Design competition strategies including production function, costing, pricing and product differentiation
	CO5.Analyze operations of markets under varying competitive conditions
SEMESTER - II	
Advanced Financial Accounting	CO1: To acquire the skill to prepare different types of branch accounts.
	CO2: To transform the accounting knowledge in preparing departmental accounting.
	CO3: To familiar with the procedure involved in the admission of partnership firms
	CO4: To familiar with the procedure involved in the dissolution of partnership firms
	CO5: To familiarize students with the application of important accounting standards.
Principles of Management	CO1.To know about basic concepts of Management
	CO2. To familiar with planning and decision making process
	CO3. To know about the Organization and its types
	CO4.To know about the process of Authority and Responsibilities
	CO5.To understand about Direction , Co ordination and control
Indian Economy	CO1. Develop ideas of the basic characteristics of Indian Economy and its potential on natural resources
	CO2.Understand the importance, causes and impact of population growth, poverty, unemployment and relate them with economic development
	CO3. Analyze the progress and changing nature of agricultural sector and its contribution to the economy as a whole
	CO4. Understanding the problems of industries and the necessity to promote industries for economic development.
	CO5. Grasp the importance of planning undertaken by the Government of India and importance of NITI Aayog
SEMESTER - III	

Corporate Accounting	CO1. Understand the Procedures for the Issue of shares, Redemption of shares and underwriting of share
	CO2. Understand the Procedures for the Issue of Debentures, Redemption of Debentures, and underwriting of Debentures.
	CO3. Prepare Financial Statements of Companies Ascertain profit or loss prior to incorporation by applying various methods
	CO4. Identify the methods of valuation of Goodwill and shares.
	CO5. Ascertainment of Insurance policy and rules regarding claims, life, marine and fire.
Business Law	CO1. The course is framed to make the students to understand about business law.
	CO2. To develop knowledge on contract and various provisions of law.
	CO3. To help the students to understand the concept of sale of goods act.
	CO4. To gain an understanding of the legal performance and remedies in the law.
	CO5. To acquire skills in contemporary issues in business law.
Banking Law, Theory and Practice	CO1.To acquires specialized knowledge of law and practice relating to Banking.
	CO2. To facilitate the understanding of the origin and the growth of the Indian Banking System.
	CO3. Discuss the impact of government policy and regulations on the banking industry.
	CO4. To understand the E-banking, Net Banking and Internet Banking process in Indian Banking Sector.
	CO5. To learn the importance to be updated on the developments of the banking sector and practice the same.
Marketing	CO1. Understand fundamental marketing concepts, theories, different classifications and principles in areas of marketing.
	CO2.Ability to collect, process, and analyze consumer and market data to make informed decisions and understanding consumer behaviour
	CO3.Ability to create branding and integrated marketing communications plans that include value propositions.
	CO4.understand the role of middlemen, advertising and other promotional aspects of marketing
	CO5.Understanding basic consumer rights, e-marketing and digital marketing systems
Business Statistics	CO1. Explain the primary concepts of statistics, data collection, sampling and tabulation
	CO2. Understand the concepts of measures of central tendency and solve problems
	CO3. Understand the various measures of dispersion and solve related sums.
	CO4. Develop the ability to solve problems in correlation and

	regression analysis
	CO5. Calculate the index numbers and understand the concept of time series and their application
SEMESTER - IV	
Advanced Corporate Accounting	CO1. Prepare liquidators' final statement of account
	CO2. Prepare Financial Statements of Banking Companies
	CO3.Allocation of share of profits between holding and subsidiary company , preparation of consolidated balance sheet.
	CO4. Calculate purchase consideration in case of Amalgamation, Absorption and reconstruction.
	CO5. Understand the methods of Human Resource Accounting and Price level Changes.
Company Law	CO1. To make the students to understand the basic concept of company law.
	CO2. To gain an understanding the organs of companies and documents of various company.
	CO3. To develop knowledge on share capital and debentures.
	CO4. To introduce about managerial personnel.
	CO5. To acquire knowledge about various company meetings and resolutions.
Financial Services	CO1. To create basic idea about financial services and merchant baking
	CO2. To facilitate the knowledge about venture capital and securitization
	CO3. To understand the concept of leasing and factoring
	CO4. To familiarity with the credit rating
	CO5. To aware about the concept of mergers and acquisitions
Indirect Taxation	CO1. Understand the principles underlying the Indirect Taxation Statutes (with reference to Goods and Services Tax Act, Customs Act).
	CO2. To understand the importance of indirect tax (GST) in the Indian and global economy and its contribution to the economic development.
	CO3. To understand the implication of GST on the taxable capacity consumers dealers and of the society at large and its changes
	CO4. To provide an in depth study on the various provisions of indirect taxation laws and their impact on business decision-making.
	CO5. To make them to be a tax consultant in preparing the tax planning, tax management, Payment of tax and filing of tax returns.
Operational Research	CO1.To acquire knowledge in concepts and tools of Operations Research
	CO2.To Understand mathematical models used in Operations Research
	CO3.To knows about the Linear Programming Problem (LPP) (Graphical Method - Problems - Simplex Method.)
	CO4. To know the concept of Transportation & Assignment Problem and its impacts in the business.

	CO5. To learn the importance of Operational research techniques for making effective business decisions and practices in the business.
SEMESTER - V	
Elements of Cost Accounting	CO1. The course is framed to provide complete element concept of cost accounting.
	CO2. Helps to gather knowledge on preparation of cost sheet in its practical point of view.
	CO3.To facilitates the idea and meaning of material control with pricing methods.
	CO4.To develops the knowledge about remuneration and incentives.
	CO5. To introduce the concept of overhead cost.
Practical Auditing	CO1. To acquire knowledge in concepts and tools of Auditing
	CO2.To Understand about Vouching and Verification
	CO3. To know about Auditors Duty
	CO4. To know the appointment ,removal , power and preparation of audit report
	CO5. To know about EDP Audit and Types of online Audit system
Entrepreneurial Development	CO1. Have the ability to discern different entrepreneurial traits
	CO2.Know the parameters to assess the opportunities and constraints for new business ideas
	CO3.Understand the systematic process to select and screen a business idea
	CO4.Design strategies for successful implementation of ideas.
	CO5.know the methods of project appraisal and preparation of project report
Financial Management	CO1. To develop critical thinking and problem solving competencies, at both the individual and group levels, of financial statement analysis, financial planning, principles of valuation, capital budgeting, capital structure, and issues in financial policy,
	CO2.Students should be able to Use Financial Statements to evaluate firm performance.
	CO3.Calculate the cost of debt, cost of equity and the Cost of Capital
	CO4.Student learns the concept of dividend policy and its importance through 3 theories.
	CO5. Evaluate alternative financing options and Working capital Management
Income Tax - I	CO1.It enables the students to insights the basics of Income Tax Act and its implications in computing tax liability of an individual.
	CO2.To know the residential status of assesse and incomes exempted from tax
	CO3.To knows the process of computation of income from salary.
	CO4.To familiar with the computation of income from house property.
	CO5.To familiar with the computation of income from business and profession
SEMESTER - VI	

Advanced Cost Accounting	CO1. To enable the students to understand contract costing.
	CO2. To understand the students the different operating methods to control and reduce cost of rendering services
	CO3. To inform the students about the methods of costing and also used to ascertain the cost at each stage of manufacturing
	CO4. To aware the students to analyze the behavior of cost in relation to changes in volume of Output
	CO5. To understand the students about the different tools in the hands of management for effective utilization of resources.
Management Accounting	CO1. Understand the objectives and functions of management accounting
	CO2.Evaluate the financial position by using ratios
	CO3.Gain knowledge about the preparation of fund flow statement
	CO4.Evaluate the financial position of a concern through cash flow statement
	CO5.Identify the capital budgeting decisions
Business Environment	CO1.To acquire specialized knowledge of Business Environment
	CO2.To facilitate the understanding of the origin and the growth of the Political Environment
	CO3.Discuss the impact of Social Environment
	CO4.To understand the Economic Environment
	CO5.To learn the importance of Financial Environment
Income Tax – II	CO1.To know the computation of capital gain for the transfer of capital assets
	CO2.To familiar with the computation of income from other sources
	CO3.To knows about the aggregation of income and deduction u/s 80C to 80U&80G Computation.
	CO4.To knows about the process of Setoff and carry forward of losses and clubbing of incomes.
	CO5.To aware about the income tax authorities and their powers and duties.
Human Resource Management	CO1. Understand the importance of human resources and their effective management in organizations
	CO2. Basic understanding of different tools used in planning human resources
	CO3. Discuss the tools used in selection of human resources and performance appraisal, motivation, compensation, career planning, etc
	CO4. Understanding labour union and labour welfare measures
	CO5.Understanding HR audit and approaches to HR audit

M.SC. COMPUTER SCIENCE

PROGRAMME SPECIFIC OUTCOMES

PSO1: Communicate computer science concepts, designs, and solutions effectively and professionally

PSO2: Apply knowledge of computing to produce effective designs and solutions for specific problems

PSO3: Use software development tools, software systems, and modern computing platforms

PSO4: Students can develop Algorithm, programming in advance level.

PSO5: Develop technical project reports and present them orally among the users

COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
SEMESTER- I	
Design and Analysis of Algorithms	After completing this course, students will be able to: CO1. Understand the basic concepts of an algorithm, space & time Complexity, divide and conquer techniques
	CO2.Know various sorting and searching techniques and greedy algorithm
	CO3. Learn the search techniques of graph and dynamic programming
	CO4. Understand the concepts of backtracking, branch and bound techniques
	CO5: Learn the basic concepts of NP-Hard and NP-Complete problems.
Advanced Java Programming	After completing this course, students will be able to: CO1. Learn the servlet lifecycle, applet to servlet communication
	CO2.Understand the software component assembly model and java bean API
	CO3. Know the EJB architecture, its design and implementation, PERL control structures and functions.
	CO4.Understand RMI concepts and developing applications with RMI
	CO5. Learn the concepts of JSP and java messaging services
System Software	After completing this course, students will be able to: CO1. Learn the basic concepts of language processors, scanners and parsers
	CO2.Know the elements of assembly language programming
	CO3. Understand the macros and macro processors

	CO4.Know about compilers and interpreters
	CO5. Understand linking and relocation concepts and software tools for program development
Theoretical Foundations of Computer Science	After completing this course, students will be able to: CO1. Understand the basics of propositions and compound propositions
	CO2.Apply the knowledge on graphs and trees to real world applications
	CO3. Familiar with finite automata and regular expressions
	CO4. Demonstrate the working of context free grammars
	CO5.Know how to simplify context free grammars
Algorithms Lab	After completing this course, students will be able to: CO1: Develop programs using divide and conquer and greedy method
	CO2: Develop programs using dynamic programming and backtracking
Advanced Java Programming Lab	After completing this course, students will be able to: CO1: Create java programs for HTML to servlet applications
	CO2: Create JSP program using JavaBeans
	CO3: Create Web services with RMI.
	CO4: Create java program using EJB
SEMESTER- II	
Computer Networks	After completing this course, students will be able to: CO1. Describe the theoretical basis for data communication and guided transmission media
	CO2. Know about wireless transmission and design issues in data link layer
	CO3.Learn the elementary data link protocols
	CO4.Understand the network layer and its design issues, routing algorithm
	CO5. Familiar with transport layer and its services
Digital Image Processing	After completing this course, students will be able to: CO1. Learn the basics of color image processing
	CO2.
	CO3. Understand the image enhancement in frequency domain
	CO4.Describe the image restoration and image segmentation
	CO5.Learn how to compress image
Computer Graphics	After completing this course, students will be able to: CO1.Learn the video display devices, interactive input devices and graphics software
	CO2.Understand the two-dimensional transformation techniques
	CO3.Describe the clipping algorithms

	CO4. Familiar with three dimensional clipping algorithms
	CO5. Understand the three-dimensional object representations
Object Oriented Analysis and Design	After completing this course, students will be able to: CO1. Learn the basics of object and unified approach
	CO2.Understand the class and object responsibilities
	CO3.Familiar with class design, object storage and object interoperability
	CO4.Describe the user interface design
	CO5.Understand the various testing strategies for Quality Assurance
RDBMS Lab	After completing this course, students will be able to: CO1: Create program for library information processing, students mark sheet processing
	CO2: Create program for telephone directory maintenance, gas booking and delivery system.
	CO3: Create program for electricity bill processing, pay roll processing.
	CO4: Create program for purchase order processing, bank transactions
	CO5: Create program for inventory system
Image Processing using Java Lab	After completing this course, students will be able to: CO1: Develop program for basic image manipulation
	CO2: Develop program for basic intensity transformation
	CO3: Develop program for histogram processing
	CO4: Develop program for image coding using transformations with SPIHT algorithm
	CO5: Develop program for Color image Enhancement with spatial sharpening
SEMESTER- III	
Principles of Compiler Design	After completing this course, students will be able to: CO1. Familiar with finite automata and lexical analysis
	CO2.Understand the context free grammars
	CO3. Know about syntax - directed translation scheme and symbol table
	CO4.Acquire knowledge on code optimization
	CO5.Learn the code generation and error detection and recovery techniques.
Information Security	After completing this course, students will be able to: CO1. Learn how to generate secure programs
	CO2.Understand the operating system security
	CO3. Describe the Security requirements of database
	CO4: Learn to design a secure network
	CO5. Familiar with ethical issues in computer security
	After completing this course, students will be able to: CO1. Learn problem solving by searching

Artificial Intelligence	CO2.Understand the concepts of logical agents and first-order logic
	CO3. Know about probabilistic reasoning
	CO4. Describe about statistical learning methods
	CO5.Understand probabilistic language processing
Cryptography	After completing this course, students will be able to: CO1. Familiar with conventional encryption model
	CO2. Describe the concepts of number theory
	CO3. Understand the public key cryptography
	CO4.Gain knowledge about message authorization and hash functions
	CO5.Learn the digital signature and authentication protocols
Multimedia Systems	After completing this course, students will be able to: CO1. Understand the concepts of multimedia
	CO2.Know about multimedia hardware and software
	CO3.Learn the tools like dream weaver, flash, photo shop
	CO4.Gain knowledge about multimedia applications
	CO5. Understand the digital communication
Mini Project	After completing this course, students will be able to: CO1: Identify, define and justify scope of the proposed problem
	CO2: Gather and analyze system requirements
	CO3: Apply coding, debugging and testing tools to enhance the quality of the proposed system
	CO4: Prepare proper documentation by following standard guidelines
Internship	After completing this course, students will be able to: CO1: Gain the confidence to work in major projects
	CO2: Get the skill exposure in the corporate environment
SEMESTER- IV	
Project & Viva-Voce	CO1. Identify drawbacks in existing system and design a new system
	CO2.Gather and analyze system requirements
	CO3. Design the proposed system
	CO4. Prepare proper documentation by following standard guidelines
	CO5.Learn technical report and oral presentation skills.

PROGRAMME SPECIFIC OUTCOMES

PSO1: To develop skills in the preparation of accounting statement

PSO2: To inculcate knowledge in the field of organizational dynamics

PSO3: To understand marketing practices in service sector

PSO4: To develop the skills in application of research methods.

PSO5: To understand ethical issues and good governance practices

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
SEMESTER- I	
Advanced Corporate Accounting and Accounting Standards	CO1. Solve the Problems in Share capital, Debentures, Valuation of Goodwill
	CO2. Apply the procedures Acquisition, amalgamation, Absorption and Reconstruction
	CO3. Compare the Holding and Subsidiary companies procedures & process
	CO4. Compute Liquidation
	CO5. Recollect Accounting Principles and practices recommended by ICAI and apply in Problem Solving
Financial Management	CO1: To impart financial management about procurement, sources and utilization of funds effectively
	CO2: To understand the capital structure factors, theories, debt equity proportion and leverages analysis
	CO3: To help the students to understand the concept that the cost of capital is the required return
	CO4: To understand investment decisions under various circumstances
	CO5: to indicate that working capital is the level of liquidity to meet its current assets and liability
Organizational Behavior	CO1:To impart the knowledge of organizational behaviour
	CO2:To understand the basic levels of human relations in organization
	CO3 To analyze and compare different models to explain individual behavior related to motivation and rewards
	CO4:To identify various leadership styles and the role of leaders in a decision making process
	CO5. To discuss the implementation of organizational change
Managerial Economics	CO1. To understand the basic elements of managerial economics aspects , its nature and decision making
	CO2. To understand the law of demand , supply forecasting , consumer durable
	CO3.To understands theories of profit, profit maximization and analysis of Break Even Point.

	CO4. To know and understand the law of diminishing proportion, product function and Economies of scale.
	CO5. To understand the Pricing policy under Perfect Competition Monopoly, Monopolistic Competition , Oligopoly and Pricing Objectives; and methods for production to minimize the cost and maximum the profit
Customer Relationship Management	CO1. To explain the value of relationship Management Strategy
	CO2.To analyze different components of CRM
	CO3.To know the different benefits of CRM system
	CO4.To knows the different CRM system in Different Institution and Industries.
	CO5.Tomeasure the success of Relationship Management efforts.
SEMESTER- II	
Advanced cost and Management Accounting	CO1.To understands the relationship between cost accounting-financial accounting and managerial accounting
	CO2.To impart knowledge about the fixed, variable, semi-fixed and semi-variable cost concepts
	CO3. To analyze the relationship between the cost-volume and profit.
	CO4.To determines the budgeting and operating budgets concepts.
	CO5. To provide the knowledge of break-even sales price, break-even sales volume, total contribution margin, unit contribution margin, margin of safety, security ratio and profit margin concepts
Quantitative Techniques for Business Decisions	CO1: Helps to give proper idea on Basic probability concepts and probability distributions as an aid to business decision making
	CO2: To provide knowledge about various Methods of Sampling.
	CO3: To provide practical exposure on Chi-square test and Analysis of variance -One way and Two way classification
	CO4: To provide practical exposure on calculation of measures of Correlation and Regression Analysis
	CO5: To give practical exposure to Linear Programming Problems, Transportation and Assignment Problems
Marketing of Services	CO1. To understand the classification of services and implications
	CO2. To identify Marketing strategies for service firms
	CO3. To understand the Pricing of services
	CO4. To understand Marketing of financial services
	CO5. To identify Customer Relationship Marketing
Total Quality Management	CO1:To make students understand about the Total Quality Management Concepts
	CO2: To understand the features of Quality Management in India
	CO3: To help the students to learn recent Quality Management techniques
	CO4: To help the students to know about zero defect
	CO5: To discuss the steps in getting ISO Certification
	CO1.To identify the major influences in consumer behaviour
	CO2. To distinguish between different consumer behaviour influences

Consumer Behaviour	and their relationships
	CO3.To identifies and explains the factors which influence consumer behaviour.
	CO4.To establish the relevance of consumer behaviour theories and concepts for marketing decisions
	CO5.To recognize the social and ethical implications of marketing actions on consumer behaviour
SEMESTER- III	
Fundamentals of Information Technology	CO1. To understand the computer system and Boolean function
	CO2. To understand the Computer Software: C‘, DBMS, RDBMS
	CO3. To create MS Word, Power point
	CO4. To se Internet and e-mail
	CO5. To design Application software
Research Methodology	CO1: To Introduce the Meaning, purpose and Types of research
	CO2: To make them understand the importance of Formulation of Hypothesis and its Types, Sources
	CO3: To discuss the uses and limitations of Methods of Data Collection
	CO4: To familiarize participants with Statistical packages such as SPSS/EXCEL
	CO5: To impart knowledge for enabling students to develop Report writing skills and contents of reports
Knowledge Management	CO1: To enlighten with nature and scope of Knowledge Management
	CO2: To familiarize the students about Tacit and Explicit knowledge
	CO3: To provide knowledge about Repositories, structure and life cycle and Knowledge Management infrastructure
	CO4: To make them understand, the developing and sustaining knowledge culture and Knowledge culture enablers
	CO5: To provide an introduction to Practical implementation of Knowledge Management Systems
Business Ethics, Corporate Governance and Social Responsibility	CO1. To impart knowledge on Business Ethics
	CO2.To Equip students with the knowledge of Ethical Theory
	CO3.To study the factors influencing Corporate Governance
	CO4.To discuss the principles of Corporate Social Responsibility
	CO5. To discuss CSR activities in India
Consumer Rights and Education	CO1.To explains the consumer movement in India and problems of Indian consumers.
	CO2.To understands the rights and responsibilities of consumers.
	CO3.To understands the importance and role of consumer education and protection.
	CO4.To understand the scope of consumer pressure groups
	CO5.To analyze the knowledge of customer satisfaction and social responsibilities of business
	CO1. To describe different types of advertisements

Advertising and Salesmanship	CO2.To identify key players in advertising industry
	CO3.To identify and make decisions regarding the most feasible advertising appeal and media mix
	CO4.To identify the dealer oriented promotion techniques, customer oriented promotion techniques and the salesmen oriented promotion techniques
	CO5.To know steps involved in sales force management
SEMESTER- IV	
Management Information Systems	CO1. To understand the concepts and components of MIS
	CO2. To understand the Data Base Management systems
	CO3. To discuss the Information system
	CO4. To indicate the Transaction Processing and Support System
	CO5. To describe the Functional Information systems
Investment Analysis and Portfolio Theory	CO1:To analyze the various Portfolio analysis
	CO2:To equip students to understand the different investment securities analysis
	CO3:Various securities market are discussed
	CO4: To Study the factors influencing investors to invest
	CO5: To describe the fund management in India
Merchant Banking and Financial Services	CO1. To make the students understand the concept of present day Financial activities and merchant banking activities.
	CO2. To identify the approaches and models of merchant banking functions.
	CO3. On the completion of the syllabus, students will gain insight of the merchant bankers prevailing in the present scenario.
	CO4. Students will understand the general approach of Financial service.
	CO5. Enables to compare the merchant banking and financial services.
International Marketing	CO1. Enables students to understand the global marketing principles.
	CO2. To prepare students to compete in a wide business environment and global standards.
	CO3. To find opportunities in digital marketing environment.
	CO4.To compare domestic marketing strategies with global marketing strategies
	CO5.To take decisions related to designing channel as well as physical distribution systems to avail products in the international markets. .

PROGRAMME SPECIFIC OUTCOMES

PSO 1: To impart education and training in professional social work in order to provide manpower in social welfare, development and allied fields capable of working at various levels of micro, meso and macro systems

PSO 2: To help students develop knowledge, skills, attitudes and values appropriate to the practices of social work profession.

PSO 3: To enable students develop creative thinking and ability to apply theoretical knowledge in practice of social work.

PSO 4: To facilitate interdisciplinary approach for better understanding of social problems, situations and issues of development.

PSO 5: To understand, appreciate and develop ability to critically evaluate the initiative of voluntary and government programs

COURSE OUTCOMES

COURSE NAME	COURSE OUTCOMES
SEMESTER- I	
Social Work Profession - History and Philosophy	CO1. Historical Evolution of Social Work
	CO2.Definitions, concepts & meaning
	CO3. Social Work Ideologies, Theories and Approaches
	CO4. Philosophy of Social Work Profession
	CO5. International Social Work
Work with Individuals (Case Work)	CO1. Introduction to Working with Individuals
	CO2. The Helping Process
	CO3. Models and Approaches
	CO4. Tools and Techniques in working with Individuals
	CO5. Case Work in different Settings and Recording
Work with Groups (Group Work)	CO1. Introduction to Working with Groups
	CO2. Types of Groups
	CO3. Phases of Group Work Process
	CO4. Group Processes and Dynamics
	CO5. Group Work Models and Practice in different settings
Social and Psychological Foundations for Social Work	CO1. Developmental Psychology
	CO2. Theories Related to Personality
	CO3. Understanding Behaviour and Mental Health
	CO4. Understanding Behaviour and Mental Health
	CO5. Social Movements in India
Language and Communication Skills	CO1. To develop and integrate the use of the four language skills i.e., Reading, Listening, Speaking and Writing

	CO2.To revise and reinforce structure already learnt
	CO3.To enable the learner to communicate effectively and appropriately in real life situation
	CO4 to empower students to meet the demands of the contemporary global world successfully
	CO5. As it is the language of academia, it provides exposure in all walks of life.
Field Work Practicum - I	CO1. To get expose to wider area of social realities at the micro level
	CO2. To develop analytical and assessment skills of social problems at the level of individual, group and community and local, regional, national and international dimensions
	CO3. To acquire documentation skills to ensure professional competence
	CO4. To develop the right values and attitudes required for a professional social worker
	CO5. To gain knowledge about NGO and its activities
SEMESTER- 2	
Community Organization & Social Action	CO1. Community, Definitions, Concepts, Meaning
	CO2. Community Organization details
	CO3. Process and Skills of Community of Organization
	CO4. Social Action as a Method of Social Work
	CO5. Models and Approaches to Social Action
Social Work Research and Statistics	CO1. Social Research and Social Work Research
	CO2. Research Designs
	CO3. Methods and Tools of Collecting Data
	CO4. Overview of Qualitative Research
	CO5. Application of Statistics in Social Work
Working with People living with HIV/AIDS	CO1. Acquire knowledge and practice related to social work intervention at the individual, group and community level in different fields.
	CO2. To train students to practice social work from an ecological, development and integrated perspective
	CO3. Develop skills for problem solving in work at the micro level and change at the macro level
	CO4. Provide concurrent opportunity for the integration of class-room learning and Field Practicum
	CO5. Develop professional values and commitment and the professional ideal
Gender and Development	CO1. Gender Definitions, Concepts & Meaning
	CO2. Feminism: Concept, meaning and definition
	CO3. Protective Measures for Women in India
	CO4. Global Perspectives in Women's Development
	CO5. Global Perspectives in Women's Development

Spoken and Presentation Skills	CO1. Enables the learners to communicate globally
	CO2.Empowers and elevates the learners to the level of sublime
	CO3. Provides scope for brevity which helps in communicating effectively.
	CO4. Creates a deep and positive impact on the audience which provides wider opportunities to scale great heights in the global world.
	CO5. Develops professional values and commitment; boosts confidence in personal and professional spheres of life
Field Work Practicum - II	CO1. Acquire knowledge and practice related to social work intervention at the individual, group and community level in different fields.
	CO2. To train students to practice social work from an ecological, development and integrated perspective
	CO3. Develop skills for problem solving in work at the micro level and change at the macro level.
	CO4. Provide concurrent opportunity for the integration of class-room learning and Field Practicum
	CO5. Develop professional values and commitment and the professional ideal
SEMESTER - III	
CD/ Rural Community Development	CO1. Rural Community: Definition, Concepts, Meaning
	CO2.Historical Development of RCD
	CO3.Scope, Objectives, Philosophy Process of RCD
	CO4.RuralAdministration
	CO5.Panchayat systems and local self-government
HRM / Labour Legislation	CO1. Human Resource Development: Concept, Meaning
	CO2. Approaches to Measuring Human Resources
	CO3. Talent Development
	CO4. Training & Development: Methods
	CO5. Employee Empowerment
M&P / Medical Social Work	CO1. Introduction to Medical Social Work
	CO2. Health Care Approaches & Interventions
	CO3. Medical Social Work Department
	CO4. Medico-Legal issues
	CO5. Medical Social Work practice in different settings
CD/ Urban Community Development	CO1. Basic Concepts, meaning
	CO2. Slum: Definition, characteristics, types
	CO3. Urban Community Development in India
	CO4. People's participation in Urban Community Development
	CO5. Goal settings; Identifying and developing leadership
HRM / Human Resource Management and Development	CO1. HRD: Concept, Objectives, Approaches & Principles
	CO2. Approaches to Measuring Human Resources:
	CO3. Talent Development: Concept and importance

	CO4. Training & Development: Methods - programmed instruction
	CO5. Employee Empowerment: Concept, Definition
MNP / Psychiatric Social Work	CO1. Psychiatric Social Work Practice in India
	CO2. Social Work Treatment in Psychiatric Settings- Theory and models
	CO3. Psychiatric Social work practice in special settings
	CO4.Rehabilitation in Psychiatry
	CO5. Programmes and Legislations related to Mental Health.
Social Policy and Social Legislation	CO1. Social Policy and Constitution
	CO2. Policy Formulation, approaches to social policy
	CO3. Policy and Planning: Concept, Scope
	CO4. Overview of Major Social Legislation in India, Hindu law
	CO5. Legislations: Protection of Civil Rights Act (1976).,
Management of Organizations	CO1. Social Services / Welfare Organizations
	CO2. Management of Welfare Organizations and Types of settings
	CO3. Programme Development: Project Planning -Long term and documentation
	CO4. Project Management; Change and its Management
	CO5. Networking and Collaboration; Need and Importance
Field Work Practicum III	CO1. To enable the students to acquire the necessary assessment skills to understand family life and intervention
	CO2. To enable the students to practice the methods of Social Work in Family and Child Welfare setting
	CO3. To equip the students with necessary skills for the therapeutic and service oriented intervention
	CO4. To enable the students to develop a Plan for Assessment and Goal setting for Family and Child Rights intervention
	CO5. To practice social work methods
SEMESTER- IV	
CD/ Development Planning	CO1. Planning – Concept – models, approaches – types planning
	CO2. Participatory Planning : Participatory planning and development
	CO3. Agriculture and Development: Government's plan for Agricultural development
	CO4. Co-operative Movement in India: History, Principles
	CO5. Development of SC & ST: Concept, constitutional provision
HRM / Industrial Relations and labour Welfare	CO1. Industrial Relations; Concept, characteristics
	CO2. Arbitration and adjudication Statutory and Non-Statutory machinery for prevention and settlement of disputes
	CO3. Collective Bargaining: Meaning, theories, goal, phases

	CO4. Labor Welfare: Concept, Philosophies, need, objectives
	CO5. Employee Empowerment: Worker's Education – purpose, objectives
MNP / Community Health	CO1. Concepts related to Health: Definition of Health, Concept of Well-being
	CO2. Communicable and Non – Communicable Diseases: Causes, Prevention
	CO3. Health Programmes & Policy: National Health programmes
	CO4. Maternal and Child Health: Maternal and Child Health
	CO5. Community Health in India: Community Health Issues
CD/ Entrepreneurship Development	CO1. Evolution of Entrepreneurship: Nature, Elements,
	CO2. Developing the Entrepreneurship Plan: Environmental Assessment
	CO3. Developing the Entrepreneurship Plan: Environmental Assessment
	CO4. Entrepreneurship Personality characteristics – Social and cultural determinants
	CO5. Small Scale Industry – Definition and meaning
HRM / Organizational Behaviour and Organizational Development	CO1. Organizational Behaviour: History, evolution, concept
	CO2. Dynamics of Organizational Behaviour: Perception, Managerial leadership
	CO3. Human Behaviour at Work: Models and theories of motivation;
	CO4. The concept, theory, scope and practice of organizational development,
	CO5. Operational research – Network analysis, PERT – CPM, Process Mapping
MNP / Mental Health and Social Work	CO1. Concept of Mental Health & Mental Illness
	CO2. Common Mental Disorders (ICD 10 classification) – Clinical signs & symptoms
	CO3. Common Mental Disorders (ICD 10 classification) – Clinical signs & symptoms
	CO4. Psychiatric assessment: History taking and Mental Status Examination
	CO5. Mental Health problems among vulnerable groups
Social Work in the Unorganized Sector	CO1. Unorganised Sector: Definition, meaning and concept:
	CO2. Nature and Problems, Categories of the workers of the unorganized sector
	CO3. Organisation of the Unorganized Worker's movements Peasant, Naxalite, Tebhaga, Sewa.
	CO4. Policies, Programmes and Legislations – Review of present situation and impact
	CO5. Social Work in the Unorganized Sector: Skills required practice in the unorganized

Social Work and Persons with Disability	CO1. Types of Disability: Impairment, Handicap, disability & Differently Abled
	CO2. Historical development of services & programmes
	CO3. Causation of Disabilities: Disabled People in Society and societal response,
	CO4. UN Declaration of Human Rights of Disabled Persons
	CO5. Work, Occupation and Disability
Field Work Practicum IV	CO1. To enable the students to understand socio-economic dynamics with special reference to the Family setting
	CO2. To help the students to identify specific issues that require immediate attention
	CO3. To enable the students to understand Social Work interventions in Family and Child Welfare Setting
	CO4. To provide intervention with reference to ensuring the Child Rights
	CO5. To practice social work methods
Social Work in the Unorganized Sector	CO1. Unorganised Sector: Definition, meaning and concept
	CO2. Nature and Problems Categories of the workers of the unorganized sector
	CO3. Organisation of the Unorganized Worker's movements Peasant, Naxalite, Tebhaga, Sewa.
	CO4. Policies, Programmes and Legislations – Review of present situation and impact
	CO5. Social Work in the Unorganized Sector: Skills required practice in the
Social Work and Persons with Disability	CO1. Types of Disability: Impairment, Handicap, disability & Differently Abled
	CO2. Historical development of services & programmes
	CO3. Causation of Disabilities: Disabled People in Society and societal response
	CO4. UN Declaration of Human Rights of Disabled Persons
	CO5. Work, Occupation and Disability: Factors specific to disabled elderly people

B.COM COMPUTER APPLICATION

PROGRAMME SPECIFIC OUTCOMES

PSO1: Program includes various accounting courses, enables the students to gain theoretical and problem solving ability of the students.

PSO2: Business software applications courses like Tally will enable the students to start a small software business of self employment.

PSO3: These courses have opened the floodgates in the area of computers and other core industries, and other professional studies CA, ICWA etc.

PSO4: This program courses consist of both theoretical as well as good practical exposures to the students in the relevant areas to meet the industries expectations.

PSO5: Courses of the program provide the cost benefit analysis and SWOT analysis enables the students for cost consciousness of each and every business operations.

COURSE OUTCOMES

COURSE NAME	COURSE OUT COMES
	SEMESTER - I
Financial Accounting	CO1: To know about the basic concepts of Accounting
	CO2: To Know About the Depreciation And Insurance Claims
	CO3: To introduce single entry system of accounts
	CO4: To Understand the Rectification Of Errors And Bank Reconciliation Statement
	CO5: To gain knowledge on preparation of accounts in Hire purchase and Installment system.
Business Economics	CO1. Understanding the basic concepts of Business Economics
	CO2. Basic concepts of demand, supply and equilibrium and their determinants
	CO3. Understanding the theory of consumer behavior
	CO4. Design competition strategies including production function, costing, pricing and product differentiation
	CO5.Analyze operations of markets under varying competitive conditions
Office Automation	CO1. Understand the basics of computer systems and its components
	CO2. Understand and apply the basic concepts of a word processing package
	CO3. Understand and apply the basic concepts of electronic spreadsheet software.
	CO4. Understand and apply the basic concepts of database management system.
	CO5. Understand and create a presentation using PowerPoint tool.

SEMESTER - II	
Advanced Financial Accounting	CO1: To acquire the skill to prepare different types of branch accounts.
	CO2: To transform the accounting knowledge in preparing departmental accounting.
	CO3: To familiarize the procedure involved in the admission of partnership firms
	CO4: To familiarize the procedure involved in the dissolution of partnership firms
	CO5: To familiarize students with the application of important accounting standards.
Indian Economy	CO1. Develop ideas of the basic characteristics of Indian Economy and its potential on natural resources
	CO2.Understand the importance, causes and impact of population growth, poverty, unemployment and relate them with economic development
	CO3. Analyze the progress and changing nature of agricultural sector and its contribution to the economy as a whole
	CO4. Understanding the problems of industries and the necessity to promote industries for economic development.
	CO5. Grasp the importance of planning undertaken by the Government of India and importance of NITI Aayog
Python	CO1. Declare and perform operations on simple data types, including strings, numbers, and dates
	CO2. The focus is to break down the code into different modules so that there will be no or minimum dependencies on one another.
	CO3. Text mining identifies facts, relationships and assertions that would otherwise remain buried in the mass of textual big data.
	CO4. Repeats a statement or group of statements while a given condition is true
	CO5. To identify and refer to objects of various kinds.
SEMESTER- III	
Corporate Accounting	CO1. Enabling the students to understand the features of Shares and Debentures
	CO2. Develop an understanding about redemption of Shares and Debenture and its types
	CO3. To give an exposure to the company final accounts
	CO4. To provide knowledge on Goodwill
	CO5. Students can get an idea about internal reconstruction
Business Law	CO1. Make the students understand about business law
	CO2. Develop knowledge on contract and various types of contracts
	CO3. To help the students to understand the concept of sale of goods
	CO4. Make the students understand about companies and its types

	CO5.To empower the citizens, promote transparency and accountability in the working of the Public Authorities
Computerized Accounting	CO1. To establish an interface management process to manage key interfaces that arise during the planning and execution of the {PROJECT}
	CO2. To verify whether voucher is processed through all the stages of Internal Check system properly
	CO3. When the supplier receives the PO, they will take the items listed in the PO from their inventory
	CO4. To consolidates all indirect tax levies into a single tax, except customs (excluding SAD) replacing multiple tax levies
	CO5.To set by factors external to the value structure of the farm household.
Programming In C++	CO1. Understand the fundamentals of C programming.
	CO2. Choose the loops and decision making statements to solve the problem.
	CO3. Implement file Operations in C programming for a given application
	CO4. Design, implement, test and debug programs that use functions.
	CO5. Design, implement, test and debug programs that use arrays for character strings and that use pointers for character strings.
Business Statistics	CO1: To understand the Origin, Concept and Need of Statistics
	CO2 : To provide practical exposure on calculation of Measures of Central Tendency and Measures of Variation
	CO3: To provide practical exposure on calculation of measures of Correlation and Regression Analysis
	CO4: Develop the knowledge about time series analysis and Determination of Trend by various methods
	CO5: To introduce the concept of index numbers
SEMESTER - IV	
Corporate Accounting - II	CO1.Enablethestudentstounderstandaboutamalgamation,absorptionandexternalreconstruction
	CO2. To create awareness on accounts of banking and insurance companies
	CO3. To introduce and develop knowledge of holding companies accounts
	CO4. Enable the students to gain an idea of liquidation of companies
	CO5.To resolve the problem of over-capitalization/ huge accumulated losses/ overvaluation of assets
Principles of Management	CO1.To know the basic concepts of Management
	CO2. To familiarize students with the planning and decision making process
	CO3. To inculcate knowledge on Organization and its types

	CO4.To know about the process of Authority and RePSOnsibilities
	CO5. To understand the aspects of Direction , Co ordination and control
E - Commerce	CO1. Understand the concept of E-Commerce and describe the opportunities and challenges offered by E-Commerce
	CO2. Able to handle electronic payment technology and requirements for internet based payments
	CO3. Understand the categories of E-Commerce and understand the different applications of E-Commerce
	CO4. To understand and identify security issues of E-Commerce
	CO5. Understand the concept of WEB Based Business Understand the M-Commerce applications
Operational Research	CO1: To Facilitate the Understanding of the Concept of Operations Research
	CO2: To Introduce the Concept and Assumptions of Linear Programming Problem
	CO3: To give practical exposure to Linear Programming Problems
	CO4: To give practical exposure to Transportation and Assignment problems
	CO5: To develop the know-how and concept of game Theory with practical problems
Java	CO1. To inculcate the ability to write a computer program to solve specified problems.
	CO2. Able to use the Java SDK environment to create, debug and run simple Java programs.
	CO3. To learn and appreciate the importance and merits of proper comments in source code and API documentations
	CO4. Able to write computer programs to solve real world problems in Java
	CO5. Understand fundamentals of programming such as variables, conditional and iterative execution, methods, etc.
SEMESTER - V	
Cost Accounting	CO1. Aimed to familiarize the concept of cost accounting
	CO2. Helps to gather knowledge on preparation of cost sheet in its practical point of view
	CO3. To facilitate the idea and meaning of material control with pricing methods
	CO4. To introduce the concept of overhead cost
	CO5. To gain wide knowledge and insights into the subject to excel and flourish in their contemporary and competitive world.
Financial Management	CO1. To provide introduction to Financial Management
	CO2. To create an awareness on capital structure and theories of capital structure
	CO3. To make them understand the cost of capital in wide aspects

	CO4. To provide knowledge about dividend policies and various dividend models.
	CO5. To enable them to understand working capital management
Practical Auditing	CO1.To acquire knowledge in concepts and tools of Auditing
	CO2. To Understand the concepts of Vouching and Verification
	CO3. To know about Auditors Duty
	CO4. To know the appointment ,removal , power and preparation of audit report
	CO5. To know about EDP Audit and Types of online Audit system
Visual Basic Programme	CO1. Display different images dependent on the current state of a digital object
	CO2. To enable you to display multiple documents at the same time; with each document displayed in its own window.
	CO3.Provide faster search and retrieval of documents. Reduce the amount of physical space used to store documents, such as file cabinets, boxes and shelving.
	CO4. To protect the confidentiality, integrity, and availability of both Oracle and customer data
	CO5. Computer programming language used for adding (inserting), deleting, and modifying (updating) data in a database
Income Tax	CO1. To introduce the basic concept of Income Tax
	CO2. In order to familiarize the different know-how and heads of income with its components
	CO3. It helps to build an idea about income from house property as a concept
	CO4. It gives more idea about the income from business or profession
	CO5. Make the students familiarizes with the concept of depreciation and its provisions
SEMESTER - VI	
Financial Services	CO1. To give an idea about fundamentals of financial services and players in financial sectors
	CO2. To create an awareness about merchant banking, issue management, capital markets and role of SEBI
	CO3. To provide knowledge about leasing and hire purchase concepts
	CO4. To make them understand about different types of insurance and IRDA Act.
	CO5. To ensure liquidity, capital protection, and reasonable income in the short-term.
	CO1. To enlighten and sensitize the students on the aspects of management Accounting
	CO2. Helps to give an organized idea on financial statement analysis in practical point of view

Management Accounting	CO3. To introduce the concept of fund flow and cash flow statement
	CO4. To provide knowledge on budget control, keeping in mind the scope of the concept
	CO5. To develop the know-how and concept of marginal costing with practical problems
Human Resources Management	CO1. To enable the students to gain knowledge in Human Resources Management
	CO2. To introduce the students about placement and training
	CO3. To facilitate the knowledge about performance appraisal and different methods
	CO4. To provide an idea about different compensation policies
	CO5. To enable the students to understand various skills like training and development.
Income Tax - II	CO1. To develop an idea about capital gain among students
	CO2. To enlighten the concept of income from other sources
	CO3. Enabling the students to have a fair idea on set-off and carry forward of losses
	CO4. To determine the concept of assessment of individual
	CO5. To equip the students with thoughts and points on assessment of firms
Web Technology	CO1. Ability to write program using Table tag.
	CO2. Ability to write program using Image tag
	CO3. Ability to write program using Frame.
	CO4. Ability to create program using cookies.
	CO5. Ability to create Event handling in java script.