

Program and Course Outcomes

Name of the Department
Program Specific Outcomes
Academic Year

Business Administration
2023-2024

PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES

Program Outcomes

- An Understanding of Business Functions
- Providing Global Perspectives
- Developing Critical and Analytical Thinking Abilities
- Interpersonal Skill Development
- Creating Social Sensitivity and Understanding CSR, Ethical and Sustainable
- Business Practices Demonstrate sensitivity to social, ethical and sustainability issues
- Developing Entrepreneurship Acumen

Program Specific Outcomes

- Acquiring Conceptual Clarity of Various Functional Areas
- Ability to analyze various functional issues affecting the organization
- Demonstrating ability to evolve strategies for organizational benefits
- Analysis and interpretation of the data which is used in Decision Making
- Demonstrate the ability to develop models / frameworks to reflect critically on specific business contexts
- Demonstrate Effectively Oral and Written Communication
- Demonstrate Ability to work in Groups
- Demonstrate understanding of social cues and contexts in social interaction
- Develop Ethical Practices and Imbibe Values for Better Corporate Governance.
- Understand ethical challenges and choices in a business setting
- Demonstrate understanding of sustainability related concerns in varied areas
- Analyze Global Environment and its Impact on Business
- Understand the ecosystem of start up in the country
- Demonstrate the ability to create business plans

S.NO	COURSE NAME	COURSE CODE	COURSE OUTCOMES
1	Introduction to Management	22BCCBB1	<ul style="list-style-type: none"> ➤ Examine and explain the management evolution and how it will affect future managers. ➤ Enhance their managerial abilities and professional skills. ➤ Develop and make the students to know the organization hierarchy; authority and Responsibility relationships associated with the different levels of Management. ➤ Understand the complexities associated with management of human resources in the organizations and integrate the learning in handling these complexities. ➤ Apply the knowledge about management in the real life business situation.
2	Fundamentals of Accounting	22BCCBB2	<ul style="list-style-type: none"> ➤ Identify events that need to be recorded in the accounting records Describe the need for adjustments while preparing the financial statements ➤ To facilitate them to prepare final Accounts of business and non-trading concerns. ➤ Recognize circumstances providing for increased exposure to errors and frauds ➤ Along with the methods of depreciation, the accounts to be prepared by non-trading concerns.
3	Managerial Economics	22BFACBB1	<ul style="list-style-type: none"> ➤ Apply the objectives of business firms, demand analysis and elasticity of demand. ➤ Identify the effective applications of factors of production. ➤ Analyze the break-even point in their business. ➤ Understand the determination of the Price, Market structure and competition. ➤ Evaluate the performance of public sector in India
4	Value Education	18UGVED	<ul style="list-style-type: none"> ➤ Apply the values in thirukural to be peaceful, dutiful and responsible in family and society ➤ Develop character formation and sense of citizenship ➤ Be secular, self-control, sincere, respectful and moral. ➤ Master yoga, asana and meditation to promote mental health ➤ Be attitudinal to follow the constitutional rights
5	Marketing Management	22BCCBB3	<ul style="list-style-type: none"> ➤ Students gain knowledge about the basic concepts of marketing ➤ Students develop skills to tackle the challenges and latest development in Marketing Management ➤ Awareness of buyer's behavior becomes better among students ➤ Students gain the Practical Knowledge to sell the goods.

6	Business Mathematics and Statistics	22BCCBB4	<ul style="list-style-type: none"> ➤ Understand how differentiations are used as mathematical tools in Business. ➤ Understand how matrices and determinants are used as mathematical tools in Business. ➤ Able to use the appropriate statistical techniques in Business ➤ Able to develop a strategic approach to organize and analyze the data ➤ Analyze the management problems in research and decision
7	Business Environment	22BFACBB2	<ul style="list-style-type: none"> ➤ Develop an understanding on the gamut of the business activities. ➤ To analyze various categories that constitute the business environment and apply various approaches that is helpful to manage both the internal and external environment of the business. ➤ To apply the various types of policies in the economic environment, applying these policies change the structure of the economy and the transition there of from the past to the present scenario. ➤ Comprehend the environmental factors that are conducive /detrimental to the respective businesses ➤ Facilitating the learners understand, analyze and take decisions for a given international business environment.
8	Professional English- I	20PELCM1	<ul style="list-style-type: none"> ➤ Relate to the various concepts and processes of managerial communication. ➤ Identify the gap between current level of communication skills and the expected industry standards. ➤ Develop essential communication skills required for managing a business.
9	Managerial Communication	22BCCBB5	<ul style="list-style-type: none"> ➤ The students will be aware of their communication skills and know their potential to become successful managers. ➤ The students will get enabled with the mechanics of writing and can compose the business letters in English precisely and effectively. ➤ Students will get exposure in drafting business proposals to meet the challenges of competitive environment. ➤ The students will be introduced to the managerial communication practices in business those are in vogue. ➤ Students will get trained in the art of Interpersonal communication and technological advancement and social media usage in communications, with emphasis on analysing business situations.
10	Computer Application In Business	22BCCBB6	<ul style="list-style-type: none"> ➤ Students gain the knowledge of computers ➤ Students developed skills in MS Office ➤ They get acquaint skills in Tally for business functions. ➤ Student known about the GST ➤ Students gain the Practical Knowledge in MS Office, Tally and GST applications

11	Business Law	22BSACBB1	<ul style="list-style-type: none"> ➤ Learn the basics of laws governing commercial contracts and nuances of competency to contract, rules of consideration, free concern and object of contract with case laws and illustrations. ➤ Have an insight on the provisions related to Sale of Goods Act 1930 ➤ Understand the consequences of applicability of various laws on business situations. ➤ Know the rights and duties under various legal acts. ➤ Develop critical thinking through the use of law cases.
12	E-COMMERCE	22BNMEBB1	<ul style="list-style-type: none"> ➤ To identify core concepts of marketing and the role of marketing in business and society. Knowledge of social, legal, ethical and technological forces on marketing decision making. ➤ Appreciation for the global nature of marketing and appropriate measures to operate effectively in international settings. ➤ Ability to develop marketing strategies based on product, price, place and promotion objectives. ➤ Ability to create an integrated marketing communications plan which includes promotional strategies and measures of effectiveness. ➤ Ability to communicate the unique marketing mixes and selling propositions for specific product offerings.
14	INVESTMENT MANAGEMENT	22BNMEBB2	<ul style="list-style-type: none"> ➤ Understand the various alternatives available for investment. ➤ Learn to measure risk and return. ➤ Gain knowledge of the various strategies, followed by investment practitioners. ➤ Understand the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets. ➤ Critically discuss client objectives and the investment policy statement
15	Organizational behaviour	22BCCBB7	<ul style="list-style-type: none"> ➤ Have an insight on how employees behave and perform in the workplace ➤ Analyze the individual and group behavior and understand the implications of organizational behavior on the process of management. ➤ Understand their own behavior, attitude, ethical views and performance as well as those of the people with whom they behave. ➤ Demonstrate how to make better decisions both as an individual and in a group ➤ Apply different motivational theories and methods to increase the productivity and job satisfaction of employees.
16	Computer Application in Business (Practicals)	22BCCBB1P	<ul style="list-style-type: none"> ➤ Students gain the knowledge of computers ➤ Students developed skills in MS Office ➤ They get acquaint skills in Tally for business functions. ➤ Student known about the GST ➤ Students gain the Practical Knowledge in MS Office, Tally and GST applications

17	BUSINESS ETHICS	22BNMEBB3	<ul style="list-style-type: none"> ➤ To outline the significance of ethics in business. ➤ To know the culture of organisation ➤ To appreciate the best ethical practices in every actions of organization ➤ To recognize the importance of Corporate Social Responsibility. ➤ Students can the understand the unethical issues in the environment
18	Production And Materials Management	22BNMEBB4	<ul style="list-style-type: none"> ➤ Identify the elements of operations management and various transformation processes to enhance productivity and competitiveness. ➤ Analyze and evaluate various facility alternatives and their capacity decisions, develop a balanced line of production & scheduling and sequencing techniques in operation environments ➤ Develop aggregate capacity plans and MPS in operation environments. ➤ Plan and implement suitable materials handling principles and practices in the operations. ➤ Plan and implement suitable quality control measures in Quality Circles to TQM
19	Operations Research	16CCBB8	<ul style="list-style-type: none"> ➤ Formulate and solve problems as graphs. ➤ Develop linear programming (LP) models for shortest path, maximum flow, minimal spanning tree, critical path, minimum cost flow, and transshipment problems. ➤ Construct linear integer programming models and discuss the solution techniques.
20	Cost Accounting	16CCBB9	<ul style="list-style-type: none"> ➤ Explains cost accounting systems ➤ Explains the purposes of cost accounting ➤ Defines the concepts of cost, expense, loss and revenue ➤ Explains the relationships between cost and financial accounting ➤ Prepare production cost statement and cost of goods sold statement ➤ Explains main manufacturing cost elements ➤ Calculates inventory costs according to the inventory valuation techniques and makes journal entries of them ➤ Calculates labor costs and records them ➤ Calculates factory over head costs and records them ➤ Makes costs allocations (first and second) ➤ Explains cost from the view point of the relationship with cost centers ➤ Makes cost allocations according to the direct stepdown and mathematical techniques and records them
21	Financial Management	16CCBB10	<ul style="list-style-type: none"> ➤ Demonstrate an understanding of the overall role and importance of the finance function. ➤ Demonstrate basic finance management knowledge. ➤ Communicate effectively using standard business terminology.

22	Company Law & Secretarial Practice	16CCBB11	<ul style="list-style-type: none"> ➤ Summarize Procedure for Incorporation of the company. ➤ Analyze Sources of raising capital. ➤ Evaluate Role and importance of Company Secretary and key managerial personnel. ➤ Discuss Matters to be stated in the prospectus. ➤ Define Demat and Re-mat of securities. ➤ Describe Membership in a company ➤ Assess the basic function and working of analytical instruments used in research ➤ Propose the required numerical skills necessary to carry out research ➤ Different methodologies and techniques used in research work.
23	Research Methods In Management	16CCBB12	<ul style="list-style-type: none"> ➤ Examine the nature of services, and distinguish between products and services ➤ Identify the major elements needed to improve the marketing of services ➤ Develop an understanding of the roles of relationship marketing and customer service in adding value to the customer's perception of a service ➤ Appraise the nature and development of a services marketing strategy ➤ Recognise how services marketing principles can be used as a conceptual framework to help managers identify and solve marketing problems
24	Services Marketing	16MBEBB1	<ul style="list-style-type: none"> ➤ Sales management encompasses hiring, training and motivating the sales team, ➤ Forecasting sales and setting sales goals, and developing effective strategies for Managing leads and increasing sales. ➤ Sales is the primary benchmark of success for many companies, so having an ➤ Effective sales management process is paramount. ➤ Develop a plan for organizing, staffing and training a sales force. ➤ Know the distinction between the skills required for selling and sales
25	Sales Management	16RSBE9:2	<ul style="list-style-type: none"> ➤ Introduction to Retailing ➤ Retail Environment Analysis ➤ Multi-Channel Retailing ➤ Identifying and Understanding Customer Behavior ➤ Strategic Retail Planning and Management
26	Retail Management	16RSBE9:3	<ul style="list-style-type: none"> ➤ Develop effective communication skills (spoken and written). ➤ Develop effective presentation skills. ➤ Conduct effective business correspondence and prepare business reports which produce results.
27	Soft Skill Development	RUGSDC	

28	Human Resource Management	16CCBB13	<ul style="list-style-type: none"> ➤ Demonstrate an understanding of key terms, theories/concepts and practices within the field of HRM. ➤ Demonstrate competence in development and problem-solving in the area of HR Management. ➤ Provide innovative solutions to problems in the fields of HRM.
29	Management Accounting	16CCBB14	<ul style="list-style-type: none"> ➤ Critically analyse and provide recommendations to improve the operations of organisations through the application of management accounting techniques; demonstrate mastery of costing systems, cost management systems, budgeting systems and performance measurement systems
30	Entrepreneurial Development	16CCBB15	<ul style="list-style-type: none"> ➤ Entrepreneurship and Innovation minors will be able to sell themselves and their ideas. ➤ Entrepreneurship and Innovation minors will be able to find problems worth solving. ➤ Entrepreneurship and Innovation minors will be able to mobilize people and resources.
31	Management Concepts In Thirukkural	16MBEBB2	<ul style="list-style-type: none"> ➤ It is amazing that 2000 years ago, our great saint and scholar Thiruvalluvar, has explained the Management Principles/concepts in his sacred couplets Thirukkural ➤ In different couplets (Kural) he has explained about Personality development, Motivation, Leadership skill and qualities, Strategic Planning, Financial Management, Business Management, Project Management, Risk Management, Communication skills, Stress management, Team work, Work force & Work Place management, etc. ➤ Even more mind-blowing is the fact that each couplet (Kural) contains only seven words. Aiyar Thiruvalluvar, in his unique way, has explained management principle/concepts in a very simple manner.
32	Global Business Management	16MBEBB3	<ul style="list-style-type: none"> ➤ Explain business expansion abroad and key issues related to their operations in other countries. ➤ Compare and contrast cultures and societies globally using socioeconomic and cultural frameworks. ➤ Develop an entry strategy into other markets recognizing the nature of institutions and forces governing the process of globalization.
33	Gender Studies	UGGS	<ul style="list-style-type: none"> ➤ Students will: Define and Evaluate gender as a social construct. Identify the ways gender, power, privilege, and oppression play out across a range of cultures and human experiences. Demonstrate an understanding of gender as it intersects with sexuality, race, ethnicity, religion, class and other critical variables.

Name of the Department : **DEPARTMENT OF CHEMISTRY**

Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B. Sc.

- Gain complete knowledge about all fundamental aspects of chemistry
- Apply chemistry knowledge to solve problems in various fields of chemistry.
- Get a skill for effective and safe handling of apparatus, chemicals and instruments in a laboratory.
- Carry out experiments in the area of organic analysis, Volumetric analysis, inorganic semi-micro analysis, conductometric & potentiometric equipment
- Use technologies and instrumentation together to explore new areas of research.
- Get enormous job opportunities at chemical, pharmaceutical and food product industries.
- Appear in competitive exams conducted by service commissions such as UPSC and TNPSC
- Gain knowledge in the emerging field of nanochemistry and polymer chemistry.

M. Sc.

- To attain profound Expertise in Discipline.
- To acquire the ability to function in multidisciplinary Domains.
- To achieve the ability to exercise Research Intelligence in investigations and Innovations.
- To learn Ethical Principles and be committed to Professional Ethics.
- To incorporate Self-directed and Life-long Learning.
- To obtain the capability to maneuver in diverse contexts with a Global Perspective.
- To attain Maturity to respond to others.

Course Outcomes of all Programs Offered by the Department

Name of the Programme: B.Sc., Chemistry

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	GENERAL CHEMISTRY - I	22SCCCH1	<ul style="list-style-type: none">➤ To predict periodic properties and position of elements in the periodic table.➤ To apply theoretical aspects in qualitative and quantitative analysis and work safe and hygienically in laboratories.➤ To prepare and predict the stability and reactivities of reaction intermediates.➤ To prepare & explain the properties of

			<p>colloids and emulsions.</p> <ul style="list-style-type: none"> ➤ Determine the Molecular Weight of macromolecules.
2.	GENERAL CHEMISTRY - II	22SCCCH2	<ul style="list-style-type: none"> ➤ To explain the principles and theories of chemical bonding. ➤ To explain the chemistry of S-block elements and Zero group elements. ➤ To apply the concept of common ion effect, solubility product in inorganic Semi micro qualitative analysis ➤ To explain the reaction mechanism of haloalkanes and halobenzene. ➤ To explain atomic models. Atomic spectrum and dual nature of light black body radiation and significances of wavefunctions.
3.	VOLUMETRIC ANALYSIS LAB	22SCCCH1P	<ul style="list-style-type: none"> ➤ To understand the use of volumetric pipette, burette and analytical balance. ➤ To Explain the principles of volumetric analysis. ➤ To prepare standard solution to find out the concentrations of unknown analyte, ➤ To understand the selection of indicators and can apply the knowledge in chemical experiments.
4.	GENERAL CHEMISTRY -III	22SCCCH3	<ul style="list-style-type: none"> ➤ To explain the chemistry of p block elements. ➤ To prepare and to predict the structure and properties of compounds of oxygen, sulphur, halogens & interhalogen compounds. ➤ To predict the absolute and relative configuration of organic molecules. ➤ To isolate, resolve the mixture of conformational isomers ➤ To explain the gas laws, properties of real gases and types of molecular velocities. ➤ To explain the types, structure and properties of solids and liquid crystals

5	Semimicro Analysis - Practical	22SCCCH3P	<ul style="list-style-type: none"> ➤ To understand the systematic steps to perform a qualitative analysis and the logical sequence of each step. ➤ To understand chemical equilibria involving acid/base, redox, precipitation and complexation. ➤ To understand the purpose of elimination of interfering acid radical, separation of groups and identifying cations and anions in aqueous solutions. ➤ To plan, execute and record all the experimental results.
6.	GENERAL CHEMISTRY-IV	22SCCCH4	<ul style="list-style-type: none"> ➤ To explain the general characteristics of d and f block elements. ➤ To apply the principles of metallurgy for extraction of metals from ores ➤ To explain the reactions of organometallic compounds, alcohols, phenols and ethers. ➤ To relate heat, work and energy and to calculate work from pressure – volume relationships. ➤ To determine order of the reaction and to explain theories of reaction rates.
7.	Organic Qualitative Analysis and Organic Preparation – Practical	22SCCCH4P	<ul style="list-style-type: none"> ➤ Understand the fundamental methods and procedures adopted in organic analysis. ➤ Perform systematic qualitative organic analysis of common organic compounds ➤ Detect of special elements N, S and halogens ➤ Apply chemical tests to identify unknown chemical species ➤ Synthesise simple organic compounds on a laboratory scale. ➤ Perform Isolation and purification of organic compounds.
6.	INORGANIC CHEMISTRY - I	16SCCCH5	<ul style="list-style-type: none"> ➤ To predict different types of isomerism exhibited by a coordination compounds ➤ To explain the various theories of coordination compounds to explain their geometry, stability and magnetic properties. ➤ To explain kinetics and thermodynamic stability of coordination complexes ➤ To explain preparation, magnetic properties and structure of metal carbonyls. ➤ To explain preparation, magnetic properties and structure of nitrosyls.

7.	ORGANIC CHEMISTRY - I	16SCCCH6	<ul style="list-style-type: none"> ➤ To categorize different types of reactions of carbonyl compounds based on the reactive species and products ➤ To correlate acidity of carboxylic acids based on substituents ➤ To distinguish the basicity of aromatic amines and aliphatic amines based on substituents ➤ To compare the properties and reactivities of five, six membered and fused hetero cyclic compounds ➤ To identify suitable reagent for specific reactions of oxidation and reduction ➤ To classify the dyes according to application and structure
8.	PHYSICAL CHEMISTRY - I	16SCCCH7	<ul style="list-style-type: none"> ➤ To correlate the photo physical processes and their applications ➤ To apply the principle of Carnot cycle in all types of heat engines and working fluids ➤ To compute equilibrium constants of PCl_5, NH_3, $CaCO_3$ at constant pressure and concentration ➤ To apply colligative properties to determine the molecular weight of solutes ➤ To predict qualitatively the effect of changing temperature, pressure or concentration on heterogeneous system in equilibrium using Phase diagram ➤ To apply symmetry operations and find point group of molecules H_2O, BF_3, NH_3
9.	ANALYTICAL CHEMISTRY	16SMBECH 1:1	<ul style="list-style-type: none"> ➤ To determine various types of error in analysis of data. ➤ To apply chromatographic principle to identify and separate the substances from mixture. ➤ To predict the factors affecting gravimetric estimation. ➤ To characterize thermal stability of a substance using TGA and DTA.

10.	PHYSICAL CHEMISTRY - P	16SCCCH3 P	<ul style="list-style-type: none"> ➤ To apply the principles of physical chemistry to the given system and evaluate the experiments. ➤ To understand the colligative properties, chemical kinetics and phase equilibria. ➤ To understand the electrochemical methods for acid/base titrations, conductometric/Potentiometric curves and evaluation methods. ➤ To describe electrochemical cell and the electrode potentials and explain about reference electrodes.
11.	ORGANIC CHEMISTRY - II	16SCCCH8	<ul style="list-style-type: none"> ➤ To comprehend the properties, structure and configuration of Carbohydrates ➤ To apply the biological importance of vitamins in day today life ➤ To explain the chemistry of alkaloids and terpenoids ➤ To predict the formation of intermediate and products in rearrangement reactions ➤ To Illustrate the type of electronic transitions in UV-Visible spectroscopy ➤ To interpret the NMR and IR spectral data to arrive the structure of molecules.
12.	PHYSICAL CHEMISTRY - II	16SCCCH9	<ul style="list-style-type: none"> ➤ To explain the concepts of Electrochemistry and its applications ➤ To demonstrate the construction of different kinds of electrochemical cells ➤ To explain the factors influencing enzyme catalysis ➤ To predict the nature of adsorption using Langmuir adsorption isotherm ➤ To identify the functional groups and structure of simple molecules using IR Spectroscopy ➤ To interpret the NMR spectra of simple molecules

13.	GRAVIMETRIC & ORGANIC ANALYSIS (P)	16SCCCH4 P	<ul style="list-style-type: none"> ➤ To recognize the principles of gravimetric analysis. ➤ To understand the basics of gravimetric analysis of selected cations involving methods, selection of precipitants, nucleation, aggregation of precipitate, removal of contamination and weighing a precipitate. ➤ To conduct experiments to determine physical constant of unknown compounds. ➤ To use proper apparatus to minimize the errors.
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Name of the Programme: M.Sc., Chemistry

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	ORGANIC CHEMISTRY - I	P22CHCC12	<ul style="list-style-type: none"> ➤ Learned the Nomenclature of Organic Compounds ➤ Learned stereochemistry of organic compounds. ➤ Understood the basic concepts of aromaticity. ➤ Know about oxidation and reducing reagents for organic synthesis.
2.	INORGANIC CHEMISTRY - I	P22CHCC11	<ul style="list-style-type: none"> ➤ Understood the basic concepts of main group elements. ➤ Learned the theories and mechanism of reactions of metal complexes. ➤ Studied the concepts of photochemistry and its applications.
3.	PHYSICAL CHEMISTRY - I	P22CHCC1A	<ul style="list-style-type: none"> ➤ Studied the theories of kinetics, photochemistry and radiation chemistry. ➤ Understood the concepts of quantum mechanics and group theory.
4.	INORGANIC CHEMISTRY PRACTICAL - I	P22CHCC1P	<ul style="list-style-type: none"> ➤ Performed the semi-micro qualitative analysis. ➤ Estimated the metal ions using colorimeter. ➤ Prepared the coordination complexes
5.	ENVIRONMENTAL CHEMISTRY	P22CHVAC1	<ul style="list-style-type: none"> ➤ Learned the fundamentals of various environments. ➤ Studied the Energy Resources, Ecosystem, Biodiversity and its Conservation.

			<ul style="list-style-type: none"> ➤ Learned environment related social issues
6.	PHYSICAL CHEMISTRY II	P22CHCC21	<ul style="list-style-type: none"> ➤ Studied the applications of quantum chemistry and group theory. ➤ To acquire knowledge about various spectroscopic techniques.
7.	INORGANIC CHEMISTRY II	P22CHCC22	<ul style="list-style-type: none"> ➤ Understood the role of metal ions in biological process. ➤ Learned the basic concepts of chemotherapy. ➤ Learned the fundamentals of organometallic compounds and catalysis.
8.	ORGANIC CHEMISTRY - II	P22CHCC2A	<ul style="list-style-type: none"> ➤ Understood the nucleophilic and electrophilic substitution reactions. ➤ Learned the addition and elimination reactions. ➤ Studied a variety of heterocycles. ➤ The chemistry of terpenoids, steroids and alkaloids.
9.	SOLID STATE CHEMISTRY	P22CHE2A	<ul style="list-style-type: none"> ➤ Learned the band theory and defects of solids. ➤ Studied the preparative methods and solid state reactions. ➤ Learned the applications of thermal and magnetic materials.
10.	Organic Chemistry III	P22CHCC31	<ul style="list-style-type: none"> ➤ To learn the Photochemistry and Pericyclic reactions ➤ To apply the various spectroscopic techniques of organic compounds ➤ To understand the Retro synthetic analysis and strategy.
11.	Physical Chemistry III	P22CHCC32	<ul style="list-style-type: none"> ➤ To learn about the Electrochemistry ➤ To acquire knowledge about kinetics, surface Phenomena and catalysis ➤ To understand Classical Thermodynamics
12.	Inorganic Chemistry III	P22CHCC3A	<ul style="list-style-type: none"> ➤ To educate students on electronic and Raman spectroscopy. ➤ To acquire knowledge in NMR,EPR and NQR spectroscopy

13.	Physical Chemistry (Practical)	P22CHCC3P	<ul style="list-style-type: none"> ➤ To perform the various techniques of physical chemistry experiments.
14.	Green Chemistry	P22CHE3A	<ul style="list-style-type: none"> ➤ To learn the green chemistry and their principles. ➤ To learn the importance of greener reactions. ➤ To understand the phase-transfer catalyst in green chemistry.
15.	Chemistry in Day-To-Day Life	P22CHNME2	<ul style="list-style-type: none"> ➤ To acquire the fundamental concepts related to the chemistry in daily life ➤ To understand the importance of different types of commercial products for the environment ➤ To apply the basic concepts of chemistry in the manufacture of commercial products for the society ➤ To find the efficiency and the utility of the byproducts derived from the basic and applied concepts of chemistry ➤ To have knowledge about the basic concepts of various micronutrients, fertilizer, dyes, disinfectants and detergents. ➤ To introduce the properties, structural elucidation, applications and the demerits of the products of the applied chemistry
16.	Chemistry of Nanoscience and Nanotechnology	P22CHCC41	<ul style="list-style-type: none"> ➤ To know the synthetic methods of nanomaterials. ➤ To understand the characterization of nanomaterials. ➤ To understand carbon clusters and nanostructures. ➤ To learn nanotechnology and nanodevices.
17.	Selected Topics in Chemistry	P22CHCC42	<ul style="list-style-type: none"> ➤ To acquire the knowledge about crystallographic techniques. ➤ To understand the retro-synthetic methods. ➤ To study Natural products and macromolecules. ➤ To learn the principles and applications of nuclear chemistry.
18.	Industrial Chemistry	P22CHIBC	<ul style="list-style-type: none"> ➤ To know the basic ideas of an industry and industrial wastes. ➤ To understand the petroleum and petrochemicals. ➤ To understand the functions of portland cement. ➤ To study the principles of pulp and paper.

			<ul style="list-style-type: none">➤ To know the preparation of soaps, detergents and perfumes
19.	Polymer Chemistry	P22CHVAC2	<ul style="list-style-type: none">➤ To know the basic concepts of polymers.➤ To study the Structure and Properties of Polymers.➤ To learn the applications of polymers.

Name of the Department : **DEPARTMENT OF COMMERCE**

Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B.Com

- Learners venture into Managerial positions, Accounting areas, Banking Sectors, Auditing, Company Secretary ship, Teaching, Professor, Stock Agents, Government Employment etc.
- Enables learners to prove themselves in different Professional examinations like CA, CS, CAT, GRE, CMA, MPSC, UPSC etc.
- Learners further move towards research in the field of Commerce.
- Enables students to demonstrate Progressive learning of various tax issues and tax forms related to individuals and businessmen and setting up their own business startup.
- The vast syllabi cover various fields of commerce and accountancy which helps students grasp practical and theoretical knowledge.

M.Com

- Empowering students with all the knowledge and guidance that they need to become professionals.
- Developing social consciousness among students.
- Inspire the students to become innovative leaders.
- Students will be able to function as a member of interdisciplinary working team in production, analysis and research.

Course Outcomes of all Programs Offered by the DepartmentName of the Programme : B.Com., Commerce

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	Principles of Accountancy	22CCCM1	<ul style="list-style-type: none">➤ Develop and understand the nature and purpose of financial statements in relationship to decision making.➤ Develop the ability to use the fundamental accounting equation to analyze the effect of Business transactions on an organization's accounting records and financial statements.➤ Develop the ability to use a basic accounting system to create (record, classify, and summarize) the data needed to solve a variety of business problems.➤ Develop the ability to use accounting concepts, principles, and frameworks to analyze and effectively communicate information to a

			<p>variety of audiences.</p> <ul style="list-style-type: none"> ➤ Develop the ability to use accounting information to solve a variety of business problems. <p>Develop the ability to interact well with team members.</p>
2.	Marketing	22CCCCM2	<ul style="list-style-type: none"> ➤ This course enables the students, the practical knowledge and the tactics in the marketing. ➤ To study and critically analyze the basic concepts and trends in Marketing. ➤ To aware of the recent changes in the field of marketing.
3.	Business Management	22CFACCM1	<ul style="list-style-type: none"> ➤ Understand the principles of business management and its scope and significance. Explain the process of business management and functions of business management. ➤ List the characteristics and the importance and planning and decision making. ➤ Discuss the meaning of delegation of authority and coordination and controlling ➤ Justify the recent traits in management.
4.	Business Accounting	22CCCAC3	<ul style="list-style-type: none"> ➤ Students are familiarized with branch accounts and departmental accounts ➤ Students can deal with hire purchase system and Installment purchase system ➤ Become knowledgeable on self balancing and sectional balancing ledgers and royalty account. ➤ Trained to handle the Insolvency accounts and statement of affairs ➤ Trained to calculate Fire insurance claims and accounting for sale or return.
5.	BUSINESS TOOLS FOR DECISION MAKING	22CCCAC4	<ul style="list-style-type: none"> ➤ Basics in statistics, Classification, Tabulation and Measure of central tendency ➤ Measures of Dispersion and Skewness. ➤ Simple correlation and regression ➤ Time series and interpolation ➤ Index numbers
6.	Business Economics	22CFACAC2	<ul style="list-style-type: none"> ➤ The Micro and Macro Economics relating to business. ➤ Demand and concepts in relation to Law of Demand, Demand Curves and Elasticity of Demand. ➤ Production function, scale of production and economics of large scale production and limitations. ➤ Law of Supply, Optimum firm, pricing under Perfect and Monopolistic competition. ➤ Income and Expenditure pattern of National Income.

7.	Partnership Accounts	22CCCCM5	➤ To provide students an exposure to understand the practice of Partnership Accounts
8.	Business law	22CCCCM6	➤ To enable the students to gain knowledge about mercantile law and it's importance.
9.	Business communication	22CSACCM1	➤ To enable the students to write business letters effectively and develop communication skills.
10.	Cost Accounting	22CCCCM7	<ul style="list-style-type: none"> ➤ To enable the students to know the importance of costing and to understand the basic concepts. ➤ Providing knowledge about difference between financial accounting and cost accounting. ➤ Ascertainment of Material and Labor Cost. ➤ Student's Capability to apply theoretical knowledge in practical situation will be increased.
11.	Banking Theory, Law and Practice	22CCCCM8	<ul style="list-style-type: none"> ➤ Calculate mean, median, and mode and geometric mean and the moronic mean. ➤ Evaluate mean, division, standard and deviation and quartile deviation. ➤ Solve sequence, Karl, persons and co-efficient of sequence.
12.	Corporate Accounting	22CCCCM9	➤ To enable the students to know about accounting procedure in corporate accounting
13.	Computer Applications in Business (Theory)	22CCCCM10	➤ To enable the students to know the importance of computer application in business.
14.	Computer Applications in Business (Practical)	22CCCCM1P	<ul style="list-style-type: none"> ➤ Creating business letters ➤ Creating an application for the job with the bio-data ➤ Creating Circular letter with mail-merge options ➤ Creating a Table by using the split and merge options
15.	Management Accounting	22CCCCM11	➤ To enable the students to know the importance of management accounting and its concepts.
16.	Human Resource Management	22CMBECM2	➤ To enable the students to understand the concepts and principles of Human Resource Management.
17.	Business tools for decision making	16CCCCM8	<ul style="list-style-type: none"> ➤ Write the meaning, scope, function and limitation of statistics. ➤ Calculate mean, median, and mode and geometric mean and the moronic mean. ➤ Evaluate mean, division, standard and deviation and quartile deviation. ➤ Solve sequence, Karl, persons and co-efficient of sequence.
18.			➤ Understand the background of the new company act 2013 and explain kinds of

	Company law	16CACCM1D	<p>company.</p> <ul style="list-style-type: none"> ➤ Define memorandum of association and articles of association. ➤ Determine private placement and prospectus and misrepresentation in prospectus. ➤ Write the meaning and nature of capital share and capital.
19.	Introduction To Marketing Management	16RSBE9:1	<ul style="list-style-type: none"> ➤ Updates students about marketing challenges faced by marketing managers in 21st century. ➤ Makes students aware about competitive strategies for market leader, and various aspects of market.
20.	Corporate accounting	16CCCCM9	<ul style="list-style-type: none"> ➤ This course aims to enlighten the students on the accounting procedures followed by the Companies. ➤ Student's skills about accounting standards will be developed. ➤ To make aware the students about the valuation of shares. ➤ To impart knowledge about holding company accounts, amalgamation, absorption and reconstruction of company.
21.	Auditing	16CCCCM10	<ul style="list-style-type: none"> ➤ Imparts knowledge of audit planning, procedures and documentation and assurance standards. ➤ Instills elementary
22.	Computer application to business	16CCCCM11	<ul style="list-style-type: none"> ➤ To make students familiar with computer environment & operating systems ➤ To introduce students with accounting packages like tally. ➤ To develop skill and knowledge among students in applications of internet in education of commerce
23.	Management accounting	16CCCCM12	<ul style="list-style-type: none"> ➤ Enables them to know the concept of capital budgeting with reference to time value of money. ➤ Enables understanding of the functions, advantages, limitations of management accounting.
24.	Entrepreneurial development	16MBECM1	<ul style="list-style-type: none"> ➤ To enable the students to understand the conceptual and applied knowledge about Entrepreneurship
25.	Sales Management	16RSBE9:2	<ul style="list-style-type: none"> ➤ To enable the students to know the nature and tscope of Sales management.
26.	Retail Management	16RSBE9:3	<ul style="list-style-type: none"> ➤ To gain knowledge about Retail Management
27.	Soft Skills	RUGSDC	<ul style="list-style-type: none"> ➤ To enable students to achieve excellence in both personal and professional life. ➤ To know about relationship,

	Development		communication and presenting oneself, one's ideas and the company in the most positive and impactful way
28.	Financial management	16CCCCM13	➤ To enable the students to know the principles and practices of managing finance
29.	Income tax law and practice	16CCCCM14	<ul style="list-style-type: none"> ➤ Understanding the concept of income tax ➤ Solve a numerical under the head of income from salary ➤ Solve a numerical under the head of income from house property ➤ Calculate the numerical of income from other sources
30.	Financial services	16CCCCM15	➤ To enable the students to know the nature and types of financial services.
31.	Human Resource Management	16MBECM3	➤ To enable the students to understand the concepts and principles of Human Resource Management.
32.	Insurance Resource Management	16MBECM5	➤ To make the students to understand the principles and practices of Insurance Management.
33.	Gender Studies	UGGS	<ul style="list-style-type: none"> ➤ To make boys and girls aware of each others strengths and Weakness. ➤ To develop sensitivity towards both genders in order to lead an ethically enriched life. ➤ To promote attitudinal change towards a gender balanced ambience and women empowerment .

Course Outcomes of all Programs Offered by the Department

Name of the Programme: M.Com

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	MANAGERIAL ECONOMICS	P22MCCC11	<ul style="list-style-type: none"> ➤ Understand the methods of Managerial Economics & Theory of the firm. ➤ Understand the concept & Analysis of Demand Forecasting. ➤ Understand the concept & Analysis of Production function. ➤ Describe various market forms and pricing Methods with their objectives ➤ Analyse the resource allocation in various economic levels for effective capacity utilization ➤ Evaluate various market Structure, Strategy and Economic Forecasting
2	SERVICES MARKETING	P22MCCC12	<ul style="list-style-type: none"> ➤ Students will strong conceptual knowledge in the area of services marketing ➤ Student will acquaint knowledge in concept of services marketing in buyer behaviour and awareness. ➤ Students will have analytical skills in marketing mix, product strategy and PLC. ➤ Students will strong knowledge in banking marketing insurance marketing and transport marketing management. ➤ The commerce graduate can understand the tourism and hotel management.
3	ADVANCED FINANCIAL MANAGEMENT	P22MCCC13	<ul style="list-style-type: none"> ➤ Formulate finance Decisions Considering Risk and Return. ➤ Identify and discuss long term and short-term sources of finance. ➤ Compute the cost of debt, Equity, Preference, retain earnings and overall cost of Capital. ➤ Apply the concept of leverage in financial decision making. ➤ Design an Optimal capital Structure of the firm, understanding theories of capital structure and dividend. ➤ Evaluate the concept of Working Capital ➤ Management. ncial management tools.
4	CORPORATE LAW	P22MCCC1A	<ul style="list-style-type: none"> ➤ The students will be able to understand how law is important in day-to-day life. ➤ The students will be able develop the knowledge and skills in the understanding of the general legal framework, and of specific legal areas relating to business. ➤ The students will get elementary knowledge about process of various legal transactions that occurs in the corporate world. ➤ The students will be able to identify the process of SEBI Regulations and its transparency and disclosures. ➤ The students will have wide knowledge about the

			Environment Protection Act and Consumer Protection Act
5	Retail Management	P22MCE1A	<ul style="list-style-type: none"> ➤ To explain the basic concepts of Retailing. ➤ To evaluate the various formats. ➤ To analyse the Merchandise management. ➤ To assess the retail marketing strategies. ➤ To explain the managing retail personnel.
6	Mutual Funds - Concepts and Planning	P22MCVAC1	<ul style="list-style-type: none"> ➤ Know the basics of mutual funds, their role and structure. ➤ To know the different kinds of mutual fund schemes and their features. ➤ Understand the channels for mutual funds distribution ➤ Understand the legalities, accounting, valuation and taxation aspects underlying mutual funds and their distribution. ➤ Get acquainted with financial planning as an approach to investing in mutual funds, as an aid for mutual fund distributors. ➤ To develop long term relationships with their clients.
7	Research Methodology	P22MCCC 21	<ul style="list-style-type: none"> ➤ Learning the meaning of research, its types. ➤ Developing research design and acquiring skills to formulate research problems. ➤ Acquiring knowledge of sampling technique and formulating Hypotheses. ➤ Upskilling Data construction, collecting techniques and testing their validity and reliability. ➤ Developing skills in Processing and analysis of data, applying various statistical tools using software packages. ➤ Developing skills to draft a report.
8	Quantitative Techniques of business decision	P22MCCC22	<ul style="list-style-type: none"> ➤ To make the students evaluate different quantitative techniques. ➤ The students will be able to take opt decisions in business. ➤ The students will have knowledge in statistic and quantitative techniques. ➤ The students will be familiar with decision making skills. ➤ The students will be able to design new skills in decision making
9	Income Tax Law and Practice	P22MCCC23	<ul style="list-style-type: none"> ➤ Enabling students to file tax returns ➤ Providing avenues for employment opportunities in tax filing ➤ Grasping the basics and advanced concepts in tax planning in knowledge perspective

10	Human resource management	P22MCCC2A	<ul style="list-style-type: none"> ➤ Understand the concept of HRM. ➤ Identify the need for man power planning. ➤ Know the procedures for recruitment and selection. ➤ Gain Knowledge about various training programmes. ➤ Enhance performance appraisal techniques. ➤ Gain Knowledge about settlement about grievances.
11	Organisational Behaviour	P22MCE2A	<ul style="list-style-type: none"> ➤ To understand the conceptual framework of the discipline of OB and its practical applications in the organizational set up. ➤ To deeply understand the role of individual- groups and structure in achieving organizational goals effectively and efficiently. ➤ To critically evaluate and analyse various theories and models that contributes in the overall understanding of the discipline. ➤ To develop creative and innovative ideas that could positively shape the organizations. ➤ To accept and embrace in working with different people from different cultural and diverse background in the workplace.
13	Advanced Corporate Accounting	P22MCCC31	<ul style="list-style-type: none"> ➤ The students will be able Construct the financial statements of company within the frame work of Ind AS 2 ➤ The students will be able to devise a plan for reconstruct the capital structure in the financial statement of Joint stock company ltd. ➤ The students will be able to determine how the companies are analysed at the time of Merger and Acquisition and its accounting procedures ➤ The students will familiarize about the concepts and the legal requirements related to presentation of accounts by a holding company ➤ The students will be able to justify the outstanding claims against the Company and satisfy those claims in the manner and order prescribed by law. ➤ The students will be to elaborate the various principles, provisions that govern the banking and insurance companies and how the Human resources are maintained in an organization in order to achieve cost effective organizational objectives
14	Information Technology Concepts (Theory)	P22MCCC32	<ul style="list-style-type: none"> ➤ Know Evolution, Classification and Applications of Computers ➤ Understand Computer peripherals ➤ Have knowledge on Software, Programming Language, Word Processing and Spread Sheets Presentation ➤ Do Data Communication and BDP ➤ Aware Computerized Accounting
15	Information Technology Concepts (Practical)	P22MCC33P	<ul style="list-style-type: none"> ➤ Creating and Editing Word Documents and Saving, opening, closing and protecting documents; and Mail Merge. ➤ Creating work sheet and Charts, formula applications, and PPT. ➤ MS Access, Database, Relationship, Query, Forms, Reports and Macros ➤ Page maker and methods to use.

			➤ Photoshop, Images and Animation
16	Brand Management	P22MCCC3A	<ul style="list-style-type: none"> ➤ Branding challenges & opportunities ➤ Strategies for positioning the brand for competitive advantage ➤ Managing Brand image ➤ Implications for buying & selling brands. ➤ Co-branding & Licensing Brands.
17	Management Information Systems	P22MCE3A	<ul style="list-style-type: none"> ➤ Learn the principles of Management Information System for organizations ➤ Understand the uses, function of application MIS in organization. ➤ Analyze the scope of MIS for business organizations. ➤ Know about the coding techniques and detection of error. ➤ Identify the recent development in information technology
18	Management Concepts	P22MCNME2	<ul style="list-style-type: none"> ➤ Understand the historical backdrop and fundamentals of Management thoughts vital for understanding the conceptual frame work of Management as a discipline. ➤ Know various concepts of planning, Decision making and controlling to help solving managerial problems. ➤ Get Knowledge on motivation theories. ➤ Comprehend the theories of management & evolution of management thought. ➤ Run the business effectively by applying the management theories. ➤ Act as an effective manager by applying the controlling techniques.
19	Strategic Management	P22MCCC41	<ul style="list-style-type: none"> ➤ Acquire knowledge on basic concepts of strategy and levels of strategy. ➤ Understand the strategic options and formulate realistic strategies to formulate vision mission and analyse a firm's internal strengths and weaknesses based on available resources and capabilities using various techniques. ➤ Develop Knowledge on firm's external environment including competitive forces in the industry environment, forces in the macro environment, and competitors ➤ Demonstrate the knowledge on the strategic approaches to manage a business successfully in a firm with a sustainable competitive advantage. ➤ Evaluate the challenges faced by managers in implementing and evaluating strategies based on the nature of business and industry.
20	Advanced Cost and Management Accounting	P22MCCC42	<ul style="list-style-type: none"> ➤ Understand the basis of conventional and contemporary costing systems ➤ Determine the costs of products and service ➤ Critically analyse relevant costs and provide recommendations for decision making ➤ Prepare plans and budgets and analyse variances from standard cost to pinpoint areas that need control of projects

21	Entrepreneurship Development	P22MCIBC	<ul style="list-style-type: none"> ➤ To offer the students to understand the basic knowledge of entrepreneurship. ➤ To understand the EDP practices and preparation of project report. ➤ To familiarise in project market information, sources and financial problems. ➤ To explain the finance to trade. ➤ To describe the importance various organisations involved in entrepreneurial growth
22	BASICS OF GST	P22MCVAC2	<ul style="list-style-type: none"> ➤ The students will get a general understanding of the GST law in the country ➤ The students will provide an Insight into practical aspects of GST ➤ The students will equip themselves to become tax practitioners. ➤ The students will be able to calculate GST at different level.

Name of the Department : **DEPARTMENT OF COMPUTER SCIENCE**

Academic Year : **2023-2024**

Bachelor of Computer Applications (BCA)

- The explosive and ever-growing use of technology in business and commerce means that there's a wide range of different career possibilities for computing graduates. In terms of job opportunities and salaries, the IT sector is well ahead of most other industrial and commercial sectors.
- The students will be capable of analyzing a problem, identify and define the computing requirements, which may be appropriate to its solution.
- To make the students employable by preparing the students to undertake careers involving problem solving using computer science and technologies.
- To enable students to scale at greater heights by updating their knowledge on recent technologies thereby place at lucrative jobs
- To make the students productive by building the necessary skill set and analytical abilities for developing computer based solutions for real life problems
- To train students in professional skills related to Software Industry
- Develop ability to pursue advanced studies and research in computer science.
- To produce entrepreneurs who can innovate and develop software product
- To enable students communicate effectively in oral and written manner.

M.Sc. Computer science:

- Acquire in-depth knowledge with an ability to discriminate, evaluate, analyze and synthesize solutions for real time problems in the field of Information Technology.
- possess an ability to apply knowledge of mathematics, science, engineering fundamentals and concepts of Information Technology to solve complex problems
- Explore IT related problems; apply knowledge for synthesizing information to promote research.
- Apply effective problem-solving techniques to arrive at optimal solutions.
- Apply appropriate research methodologies and contribute for the development of science and technology.
- Assimilate and use state of the art computing techniques and tools to solve complex problems.
- Possess knowledge, recognize opportunities and contribute to collaborative and multidisciplinary research.
- An ability to function individually and in teams on diverse and multidisciplinary domains.
- An ability to design, implement, and evaluate computer-based systems considering economic, environmental, social, political, ethical, health and safety issues

B.C.A

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	Programming in C and Data Structures	22SCCCA1	<ul style="list-style-type: none">➤ Summarize the basic knowledge to develop C programs➤ Manipulate Looping, arrays and functions➤ Apply and write programs for solving real world problems➤ Create open, read, manipulate, write and close files.➤ Understand the basic concepts in data structures.
2.	Programming in C Practical	22SCCCA1P	<ul style="list-style-type: none">➤ Relate the use of language constructs to solve simple programs➤ Develop programs for various concepts in C language➤ Understand and trace the execution of the list of programs➤ Understand the usage of file handling in C programming➤ Solve data problems related to data structures.
3.	Programming in Java	22SCCCA2	<ul style="list-style-type: none">➤ Understand the concept of OOP as well as the purpose and usage principles of inheritance, polymorphism, encapsulation and method overloading.➤ Identify members of a class and to implement them➤ Create Java application programs using sound OOP practices (e.g., interfaces and APIs) and proper program structuring (e.g., by using access control identifies, and create user define package for specific task,(reusability concepts) error exception handling)➤ Develop programs using the Java standard class library➤ Develop software using Java programming language, (using applet, AWT controls, and JDBC)
4.	Programming in Java Practical	22SCCCA2P	<ul style="list-style-type: none">➤ Develop java programs to understand the OOP concepts.➤ Write java programs for classes and objects➤ Develop simple programs with multiple threads➤ Write java programs using Applets➤ Develop java programs to connect databases and filesnormalization of database.
5.	Programming in Python	22SCCCA3	<p>Upon completion of this course, the students will be able to</p> <ul style="list-style-type: none">➤ To recall and understand the features of python programming language➤ To illustrate various programming mechanism used in python➤ To apply various language construct to write simple programs in python➤ To examine the application of object oriented concept in python➤ To distinguish the various constructs used in python.

6.	Programming in Python Practical	22SCCCA3P	<ul style="list-style-type: none"> ➤ Write simple programs using control structures, functions and strings ➤ Develop programs using tuples, lists, sets and dictionary ➤ Write simple programs using Constructors, Method overloading and inheritance ➤ Develop programs using files and regular expressions ➤ Write simple programs using packages and exception handling.
7.	Data structures and algorithms	16SCCCA5	<ul style="list-style-type: none"> ➤ At the end of this course the students will be able to ➤ Understand fundamental Data Structures including stack, queues, ordered list, singly linked-lists, linked stacks and queues. ➤ Understand representation of Trees , concept of Binary tree and threaded binary tree and representation of graphs and application of graphs for shortest path evaluation. ➤ Able to summarize various searching and sorting techniques. ➤ Able to solve real time heuristic problems.
8.	Digital computer fundamentals	16SCCCA7	<ul style="list-style-type: none"> ➤ Upon successful completion of the course the students will be ➤ Able to understand the concept of number system and principles of digital circuits.
9.	Software testing	16SMBECA 1:3	<ul style="list-style-type: none"> ➤ At the end of the course, the students will be able ➤ Understand the phases of various software development life cycle models. ➤ Learn about various testing methods, their need and challenges. ➤ Prepare test cases for different types and levels of testing. ➤ Prepare test plan for an application. ➤ Identify bugs to create defect report of given application. ➤ Test software for performance measures using automated testing tools. ➤ Evaluate using project and product metrics
10.	Computer Networks	16SCCCA8	<ul style="list-style-type: none"> ➤ After learning the course, the students will be able to ➤ Understand the concepts of Data Communication, network hardware and software ➤ Study the functions of OSI Layers. ➤ Familiarise with the Transmission Media,

			<p>Flow Control and Error Detection & Correction</p> <ul style="list-style-type: none"> ➤ Discuss routing algorithms, congestion control algorithms and network layer protocols. ➤ Illustrate transport layer, connection orientation and connectionless services ➤ application layer protocols and security issues in transport layer. ➤ Understand client server programming, Analyze <ul style="list-style-type: none"> ○ domain name system and WWW
11.	Programming in PHP	16SCCCA9	<ul style="list-style-type: none"> ➤ Upon completion of the course the students will be able to ➤ Understand the essentials of web programming, creation and manipulation of arrays and strings. ➤ Understand the creation of static web pages using <ul style="list-style-type: none"> ○ HTML
12.	Cloud computing	16SMBECA 2:1	<p>Upon completion of the course the students will be able to</p> <ul style="list-style-type: none"> ➤ Able to identify core concepts of the cloud computing paradigm: Virtualization concept, the characteristics, advantages and challenges brought about by the various models and services in cloud computing. ➤ identify the modeling, architecture and infrastructure of cloud including SaaS, PaaS, IaaS, public cloud, private cloud, hybrid cloud ➤ Identify storage and services . Integrate the core issues of cloud computing such as security, privacy, and interoperability. ➤ Analyse the various cloud application platforms

M.Sc. Computer Science

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	Mathematical Foundation for Computer Science	P22CSCC11	<ul style="list-style-type: none"> ➤ Apply the basis of the mathematical applications. ➤ Apply iterative methods (Gauss Jordan, Gauss Elimination and Jacobi) to solve systems of linear equations. ➤ Understand Propositions, tautologies and inference rules ➤ Use sets and operations on sets. ➤ Formulate problems and apply testing of hypothesis.
2.	Problem Solving using Python and R	P22CSCC12	<ul style="list-style-type: none"> ➤ Write Python programs using Python data structures ➤ Develop object oriented programs in Python ➤ Manipulate files using Python ➤ Apply the Python libraries NumPy and Pandas for problem solving ➤ Write R programs for data visualization.
3.	Advanced Java Programming	P22CSCC1A	<ul style="list-style-type: none"> ➤ Understand the design patterns ➤ Develop a Graphical User Interface (GUI) with Applet. ➤ Develop a Client-Server Application with Database Maintenance. ➤ Develop a program using Servlet and JSP. ➤ Develop programs that use interfaces. Work on search engine, JSP Engines, etc.
4.	Web Services	P22CSE1A	<ul style="list-style-type: none"> ➤ Understand the design principles and application of SOAP and REST based web services. ➤ Understand XML concepts ➤ Design collaborating web services according to a specification. ➤ Implement an application that uses multiple web services in a realistic business scenario. ➤ Use industry standard open source tools such as Apache Axis2, Tomcat, Derby and Eclipse to build, test, deploy and execute web services and web applications that consume them.
5.	Security in Computing	P22CSVAC1	<ul style="list-style-type: none"> ➤ Understand the basic concepts of information security – Threats, Vulnerabilities and Controls ➤ Examine various malwares and program flaws ➤ Compare Security enabled in conventional and trusted operating systems. ➤ Understand various security measures in database management systems ➤ Gain knowledge on network threats and security techniques.

6.	Advanced Database Management System	P22CSCC21	<ul style="list-style-type: none"> ➤ Revise the components, functions and various database Design techniques used for modelling the databases management system. ➤ Examine the clauses and functions of SQL and write optimal queries in the above languages. ➤ Design entity-relationship diagrams to represent simple Database application scenarios and can apply the database schema Normalization rules and techniques to criticize and improve the data base design ➤ Analyze the concept of transaction processing, concurrent transaction processing and recovery procedures. ➤ Employ the NoSQL database concepts
7.	Compiler Design	P22CSCC22	<ul style="list-style-type: none"> ➤ Understand the fundamentals of a compiler. ➤ Get knowledge about the context-free grammars and various parsing techniques. ➤ Understand the lexical analyzer and syntax analyzer of Compiler. ➤ Understand the types and sources of errors, from the compilers perspective. ➤ Know the procedures and principles involved in the machine code generation.
8.	Distributed Technologies	P22CSCC2A	<ul style="list-style-type: none"> ➤ Compare the architectures of distributed systems ➤ Differentiate the technologies associated with presentation and interaction services ➤ Have sound knowledge in developing applications with components ➤ Understand the art of developing ASP.NET pages with web server and HTML controls ➤ Become familiar with the disconnected data access technology in ADO.NET.
9.	E-Commerce Technologies	P22CSE2A	<ul style="list-style-type: none"> ➤ Gain the understanding of the concepts of Electronic commerce and its application; ➤ Classify different services providers and their services and tools ➤ Understand the ecommerce framework. ➤ Gain the knowledge on E-Payment system. ➤ Understand e-commerce transactions with respect to Internet.
10.	Big Data Analytics	P22CSCC31	<ul style="list-style-type: none"> ➤ Understand the big data environment. ➤ Understand the concepts of analytics ➤ Understand the unstructured databases. ➤ Analyze the Big Data framework like Hadoop and NOSQL to efficiently store and process Big Data to generate analytics. ➤ Reveal the MapReduce technologies.

11.	Artificial Intelligence and Machine Learning	P22CSCC32	<ul style="list-style-type: none"> ➤ Recognize the characteristics of Machine Learning techniques that enable to solve real world problems ➤ Recognize the characteristics of machine learning strategies ➤ Apply various supervised learning methods to appropriate problems ➤ Identify and integrate more than one techniques to enhance the performance of learning ➤ Understand basic AI Techniques
12.	User Interface Design and Development (Theory)	P22CSCC3A	<ul style="list-style-type: none"> ➤ Work with XML technologies. ➤ Design web page to perform form validation using client-side scripting language. ➤ Implement new technologies such as Angular JS and JQuery. ➤ Develop web applications using server-side scripting language. ➤ Effectively select and utilize design thinking processes and UX/UI tools.
13.	User Interface Design and Development (Practical)	P22CSCC3AP	<ul style="list-style-type: none"> ➤ Create an Internal and External Style sheet. ➤ Working with XML and CSS. ➤ Write a JavaScript code to perform form validation ➤ Working with AJAX.
14.	Swarm Intelligence	P22CSE3A	<ul style="list-style-type: none"> ➤ Apply Ant colony optimization for solving Travelling Salesperson problem and to solve problems related to feature selection. ➤ Analyse the performance of ACO ➤ Understand PSO's roles in selecting important features from datasets. ➤ Apply ABC algorithm in solving knapsack problem ➤ Describe Krill Herd Optimization algorithm and its application in solving real life problems
15.	Fundamentals of Internet	P22CSNME2	<ul style="list-style-type: none"> ➤ To acquire knowledge about Domain name system ➤ To understand E-Commerce ➤ To know the blogs ➤ To understand the fundamentals of social networks ➤ To Gain the knowledge about Internet threats Analyze the program and minimize the code by using optimizing techniques which helps in reducing the no. of instructions in a program and also utilization of registers in an effective way
16.	Agile Technology	P22CSCC41	<ul style="list-style-type: none"> ➤ Realize the importance of interacting with business stakeholders in determining the requirements for a software system; ➤ Perform iterative software development processes: how to plan them, how to execute them. ➤ Develop techniques and tools for improving team collaboration and software quality. ➤ Understand requirement engineering ➤ Understand quality assurance

17.	Cloud Computing	P22CSCC42	<ul style="list-style-type: none"> ➤ Understand the concept of virtualization and how this has enabled the development of Cloud Computing ➤ Know the fundamentals of cloud, cloud Architectures and types of services in cloud ➤ Understand scaling, cloud security and disaster management ➤ Design different Applications in cloud ➤ Explore some important cloud computing driven commercial systems.
18.	Technology Innovation and Sustainable Enterprise	P22CSIBC	<p>Upon completion of the course, the students will be able to</p> <ul style="list-style-type: none"> ➤ Identify entrepreneurial traits. ➤ Develop comprehensive business plans ➤ Prepare plans to manage the enterprise effectively. ➤ Acquire knowledge about Web Marketing ➤ Understand ERP techniques
19.	Foundations of IoT	P22CSVAC2	<p>Upon successful completion of the course, the students can</p> <ul style="list-style-type: none"> ➤ To learn and understand the technology and current trends in Internet of things. ➤ To understand the various elements of IoT system and hardware devices. ➤ To learn the programming languages and platforms for building IoT applications. ➤ To understand the cloud computing and its relevance for developing IoT applications. ➤ To understand IoT connective technologies

Name of the Department : **DEPARTMENT OF CO-OPERATION**
 Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B.Com. COOPERATION

- Make use of the knowledge on cooperative enterprises, cooperative and allied laws, cooperative accounting and management in the effective functioning of cooperatives.
- Recognize the need and the ability to engage in independent learning for continual development as a member-user and owner in Cooperatives.
- Make use of the research knowledge in understanding the problems of Cooperatives at the grassroots level and devise extension planning / programme.
- Communicate effectively with the members, officials and non-officials and with the society at large about the Cooperative principles, values and ethics by being able to comprehend and present the idea of Cooperation for membership promotion and business development of Cooperatives.
- Develop hands on experience in the fields of computerized accounting and auditing, GST, Income Tax Law and insurance

M.Com. COOPERATIVE MANAGEMENT

- To impact need based quality education by disseminating knowledge and best practices in cooperation.
- To promote social transformation through value based education to the student community.
- To prepare the students as an employable graduate and Entrepreneurs for the upliftment of the society at large.
- To promote, protect and strengthen the cooperative movement through cooperators vibrate for the sustainable development.

Course Outcomes of all Programmes Offered by the DepartmentName of the Programme:

B.Com. Cooperation

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	Principles of Accountancy	22CCCCO1	<ul style="list-style-type: none"> ➤ Apply the knowledge on the fundamentals of accounting concepts. ➤ Prepare the Trial Balance ➤ Prepare and analyse the financial statements of different types of organization ➤ Prepare of Bank Reconciliation Statement. ➤ Prepare Bills of exchange and Account current
2.	Theory and Practice of Cooperation	22CCCCO2	<ul style="list-style-type: none"> ➤ Familiarize with the history, values of cooperation ➤ Comprehend evolution and reformulation of cooperative Principles ➤ Analyze the contributions of cooperators in the field of cooperation

			<ul style="list-style-type: none"> ➤ Analyze the key differences between cooperatives and other economic systems and its benefits ➤ Gain knowledge and develop skill among students to run a cooperative society.
3.	Principles of Management	22CFACCO1	<ul style="list-style-type: none"> ➤ Understood the management functions and principles, ➤ Gain the scientific decision making process and problems solving technique ➤ Understood the organizational structure. ➤ Know about the modern trends in the management process. ➤ Gain the knowledge of the Control process.
4.	Financial Accounting	22CCCCO3	<ul style="list-style-type: none"> ➤ Apply the knowledge on financial accounting and methods of Depreciation. ➤ Prepare of Statement of Single entry system. ➤ Analyse and preparation of Insolvency Account. ➤ Gain knowledge and apply the Partnership Accounts ➤ Apply the accounting treatment of Consignment of Insurance Claims
5.	Cooperative Credit and Banking	22CCCCO4	<ul style="list-style-type: none"> ➤ Understand the basic of concept of Short Term Co-operative Credit. ➤ Gain knowledge on Lon Term Co-operative Credit. ➤ Acquire knowledge on Non-agricultural Cooperative Credit. ➤ To understand the Banking Regulations Act, 1949 ➤ Obtain Knowledge on Management of Cooperative Finance and Banking Institutions.
6.	Business Economics	22CFACCO2	<ul style="list-style-type: none"> ➤ Understand the basic of concept of economy and principles. ➤ Gain knowledge on Demand Theory. ➤ Acquire knowledge on various theories of Production ➤ Apply the various pricing strategies ➤ Obtain Knowledge on International Economics.
7.	Cooperative Book Keeping System	22CCCCO5	<ul style="list-style-type: none"> ➤ Understand the basic concept of Fundamentals of Cooperative Accounting. ➤ Gain knowledge on Book keeping in Cooperatives. ➤ Acquire knowledge on General and Special ledgers in Cooperatives. ➤ To understand the Preparation of Financial Statements. ➤ Obtain Knowledge on Revival of Rural Credit Institutions (ST/ MT Credit Structure).
8.	Banking Theory Law and Practice	22CCCCO6	<ul style="list-style-type: none"> ➤ After completion of the course, the students will be able to: ➤ Gain knowledge from an origin and the development of ➤ Use various financial instruments used in banking ➤ Apply clearing of various financial instruments. ➤ Gain knowledge on funds management system in banking ➤ Apply and analyse modern banking techniques in Banking, Private ➤ banking and financial Corporation
9.	Business	22CSACCO1	<ul style="list-style-type: none"> ➤ Understand the methods of communication • Gain Drafting knowledge on various kinds of business letters • Practice

	Communication		drafting of business correspondence in an organization • Draft the business reports • Drafting letters to various modes of communication
10.	Production, Trade and Cooperative Services	22CCCCO7	<ul style="list-style-type: none"> ➤ Understand the Structure and functions of Dairy Cooperatives • Analyze the types and Development of Industrial Cooperatives • Gain knowledge in Marketing Cooperatives. • Understand the Need and Importance of Consumer Cooperatives. • Develop skills in other cooperatives importance.
11.	Business Statistics	22CCCCO8	<ul style="list-style-type: none"> ➤ Present the data in table and calculate the measures of central tendency and dispersion, • Find the equation of a straight line. • Measure the trend and identify its type and construct seasonal indices, construct weighted and unweighted index numbers.
12.	Elements of Research Methods.	22CSACCO1	<ul style="list-style-type: none"> ➤ Recall the types of research and qualities required for a good researcher. • Describe and interpret the solvable and researchable research problem • Experiment different data collection methods • Construct good primary and secondary data collection tools • Prepare both academic and business research report
13.	Cooperative Legislation	16CCCCO9	<ul style="list-style-type: none"> ➤ To develop an understanding on the legal framework governing the functions of cooperatives in India with special reference to Tamil Nadu
14.	Auditing	16CCCCO10	<ul style="list-style-type: none"> ➤ To provide students an understanding about the principles and practice of Auditing.
15.	Computer Application in Business (Practical & Theory)	16CCCCO11	<ul style="list-style-type: none"> ➤ To enable the students to know the importance of computer application in business.
16.	Management Accounting	16CCCCO12	<ul style="list-style-type: none"> ➤ To enable the students to know the importance of management accounting and its concepts.
17.	Entrepreneurial Development	16MBECO1	<ul style="list-style-type: none"> ➤ To enable the students to understand the conceptual and applied knowledge about Entrepreneurship.
18.	Office Management tools.	16RSBE7:2	<ul style="list-style-type: none"> ➤ To help the students gain understanding of the functions and responsibilities of managers. ➤ To provide them tools and techniques to be used in the performance of the managerial job. ➤ To enable them to analyze and understand the environment of the organization. ➤ To help the students to develop cognizance of the importance of management principles
19.	Communication and		<ul style="list-style-type: none"> ➤ Interpersonal skill is the ability to interact with people through effective listening and communication. ➤ It is important for students to have interpersonal skills

	Interpersonal Skills.	16RSBE7:3	<p>because it helps them connect with people and benefits their personality development too.</p> <ul style="list-style-type: none"> ➤ Generally, students learn interpersonal skills at school itself with their teachers and classmates. ➤ However, still there are some students who lack interpersonal skills due to various reasons mostly their introvert nature is one of them.
20.	Soft skill Development	RUGSDC	<ul style="list-style-type: none"> ➤ Today's world is all about relationship, communication and presenting oneself, one's ideas and the company in the most positive and impactful way. This course intends to enable students to achieve excellence in both personal and professional life.
21.	Cooperative Management and Administration	16CCCCO13	<ul style="list-style-type: none"> ➤ To enable the students to understand the fundamentals in management, decision making and execution aspects in cooperative enterprises
22.	Cooperative Audit	16CCCCO14	<ul style="list-style-type: none"> ➤ To enable the students to understand the concepts of general as well as cooperative audit
23.	Computerised Accounting	16CCCCO15	<ul style="list-style-type: none"> ➤ To make the students to learn about the application of computers in accounting.
24.	Project Work & Practical Training	16MBECO2	<ul style="list-style-type: none"> ➤ The objective of this course is to enable the students understand and report the general
25.	Financial Services	16MBECO3	<ul style="list-style-type: none"> ➤ To enable the students to know the nature and types of financial services.
26.	Gender Studies	UGGS	<ul style="list-style-type: none"> ➤ To make boys and girls aware of each other's strengths and Weakness. ➤ To develop sensitivity towards both genders in order to lead an ethically enriched life. ➤ To promote attitudinal change towards a gender balanced ambience and women empowerment.

Course Outcomes of all Programs Offered by the Department

Name of the Program: M.Com. Cooperative Management

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	Cooperation: Theory and Development	P22COCC11	<ul style="list-style-type: none"> ➤ Understand the fundamentals of evolution of cooperative movement in India. ➤ Understand the concepts of cooperative development under five year plans. ➤ Analyse the History of Credit Cooperatives in Abroad. ➤ Analyse the Origin and development of Consumer Cooperatives in England ➤ Understand Evolution of Cooperative Movement.
2	Advanced Financial Accounting	P22COCC12 of Cooperative Enterprises	<ul style="list-style-type: none"> ➤ Solve the problems of partnership accounts relating to Admission of partner ➤ Solve the problems of partnership account relating to Dissolution and Sale of Partnership ➤ Practise accounting problems relating to Branch and Departmental Accounts ➤ Solve the accounting problem relating to Hire Purchase and Instalment System ➤ Understand emerging areas in Specialised Accounting
3	Managerial Economics	P22COCC13	<ul style="list-style-type: none"> ➤ Explain the concept of managerial economics ➤ Describe the concept and importance of cost ➤ Analyse the concept of price. ➤ Explain the profit concepts ➤ To understand the business policies.
4	Cooperation in Foreign Countries	P22COCC1A	<ul style="list-style-type: none"> ➤ Acquire knowledge about success of Cooperative Movement in Foreign countries. ➤ Appreciate the importance of Dairy Cooperative in Denmark. ➤ Understand the logic of Cooperative Movement in USA and Israel ➤ Evaluate the significance of consumer co-operative movement in England ➤ Compare the strength and weakness between Indian Co-operatives and foreign Cooperatives
5	Income Tax	P22COE1A	<ul style="list-style-type: none"> ➤ Gain knowledge on the basic concepts of income tax and the residential status. ➤ Learn the computation of income from salary ➤ Acquire knowledge on the income from house property and capital gains and the deductions thereon. ➤ Develop knowledge on the computation of income from business, profession and other sources. ➤ Understand the deductions available and computation of total income of an individual

6	Computerized Accounting	P22COVAC1	<ul style="list-style-type: none"> ➤ Create company, vouchers and ledgers in accounting software ➤ Prepare financial statements using accounting software ➤ Prepare fund flow, cash flow statements ➤ Prepare budgets using accounting software ➤ Apply computerised accounting system for VAT and GST calculations and filing
7	Cooperative Credit and Banking	P22COCC21	<ul style="list-style-type: none"> ➤ Understand the fundamentals of evolution of cooperative banking in India. ➤ Understand the concepts of State Agricultural Rural Development Banks. ➤ Analyse the Employee Cooperative credit societies. ➤ Analyse the Structure and Working of Consumer Co-operatives in India ➤ Understand Forms of Co-operatives.
8	Financial Management	P22COCC22	<ul style="list-style-type: none"> ➤ Appraise the basic components of financial management ➤ Understand the concepts of dividend policy and working capital management ➤ Gain expert knowledge on applying various techniques of capital budgeting. ➤ Apply expert knowledge in making dividend decisions. ➤ Understand the computations and apply techniques of working capital assessment
9	Organisational Behaviour	P22COCC23	<ul style="list-style-type: none"> ➤ The impact it may have on organisational behaviours. ➤ The students should have gained knowledge on attitude, personality. ➤ Identify the theories and principles, examine challenges of organizational ➤ Behaviour, and determine when and where the theories and skills are applied ➤ Analyse the foundations and designs of organisational structures and assess ➤ Examine the differences and similarities among leadership, power and management
10	Human Resource Management	P22COCC2A	<ul style="list-style-type: none"> ➤ On successful completion of the course the students should have to ➤ Know the basic concepts and functions of human resource management. ➤ Identify the various sources of human resources. ➤ Appraise the performance of human resources. ➤ Examine the compensation shared to the human resources. ➤ Explain the ways to make human relations in industry.
11	Marketing management	P22COE2A	<ul style="list-style-type: none"> ➤ Analyse the marketing functions. ➤ To understand the consumer behavior ➤ To understand the concept of marketing mix. ➤ To gain knowledge on marketing research.

			➤ To understand the scope of marketing management.
12	Legal Framework for Cooperatives	P22COCC31	➤ After learning the course, the students will be able to • Enhance the knowledge on history of cooperative legislation • Gain knowledge on registration procedure and management of cooperatives • Know the regulatory provision of cooperatives • Understand the provision relating to employees of cooperatives • Apply cooperative and other law provisions
14	Cooperative Management and Administration	P22COCC32	➤ Describe the concept of cooperative management and professionalization of cooperative management • Learn about the President, Vice-President and executives relationships. • Sketch out administrative set up of cooperative and audit department. • Analyze the operational efficiency of cooperatives. • Compare the different system approaches in cooperatives.
15	Cost and Management Accounting	P22COCC33	➤ On Completion, the learners should thorough in costing methods, and ratio analysis.
16	Research Methodology	P22COCC3A	➤ Describe the objectives and types of research • Construct a good research design. • Understand the significance and process of Business research • Have an insight into the sampling techniques and develop sampling plan • Analyze and interpret the data and write the research report
17	Business Environment	P22COE3A	➤ Explain the significance and the factors constituting the internal and • External business environment • Assess the economic environment of the business • Explain the political and legal environment of the business. • Examine the socio – cultural environment of the business • Analyse the economic and trade policies and the institutions influencing • The global business environment.
18	Corporate Social Responsibilities & Cooperatives	P22CONME2	➤ Gain all essential and fundamental knowledge on the principles and Practices of CSR in India. • Enhance the skill of implementation of CSR in their own enterprises as and when required • Enhance the skill of implementation of CSR in their own enterprises as and when required • Augment the skill to bring up their start-ups. • Evaluate CSR activities • Tackle various issues relating to CSR audit.
19	Cooperative Accounts and Audit	P22COCC41	➤ Gain knowledge on Fundamentals of Cooperative Account keeping and Double entry system • Prepare different types of Day Book and Cash Book. • Know different types of ledgers kept by different Cooperatives • Apply accounting principles in preparation of final accounts. • Prepare financial statements
20	Cooperative	P22COCC42	➤ Explain the functions of the district, state and national level cooperative institutions • Explain governance and

	Training		management of the district, state and national level cooperative institutions • Analyse and report the roles, functions and governance of the district, state and national level cooperative institutions • Analyse the vertical linkages among the cooperatives • Analyse the networking among the cooperatives
21	Entrepreneurship Development	P22COIBC	<ul style="list-style-type: none"> ➤ Gain knowledge on the concepts of entrepreneurship • Practice the various steps in the promotion of entrepreneurship • Recognize and utilize the sources of business ideas and conduct • Feasibility studies • Find out the sources of resources for entrepreneurship • Apply the process of setting up of a business unit
22	Management of Family Business	P22COVAC2	<ul style="list-style-type: none"> ➤ Understand the scope and objectives of family business • Explain the sources of funds and working capital management practices • Describe the salient features of production, marketing and human resource • Functions in family business • Explain the emerging trends in family business • Build cases and analyse family business

Name of the Department : **DEPARTMENT OF ELECTRONICS**
 Academic Year : **2023-2024**

B.Sc., PROGRAM OUT COME:

Students having an academic background of science at 10 +2 level can pursue B.Sc Programme in various branches. After the completion of B.Sc degree there are various options available for the students. They can pursue master degree in science. The student is eligible for various jobs in private companies and they also eligible to switch UPSS, SSC, RRB, Bank exam etc.

B.Sc., Electronics students will be able to

- To understand and apply the knowledge of Electronic devices, circuit design and Practical experience in the field of Electronics.
- To identify, analyze and solve the problems in design of digital circuits, Linear Integrated Circuits and bio Medical Instrumentation areas.
- To acquire and update the knowledge in the current Industrial trends including the concepts of Sensors, Microcontroller and Power Electronics.
- To independently carryout Entrepreneurship to fulfill day-to-day Electronics requirements.
- To utilize the knowledge to benefit the society with the innovative Products.

COURSE OUTCOME

S. No	Paper Title	Code	Program specific outcomes
1.	Electric Circuits & Electronic Devices	22SCCEL1	<ul style="list-style-type: none"> ➤ Familiarise the basic ideas of Electricity. ➤ Develop the circuit analysis. ➤ Get idea of semiconductor theory. ➤ Understand the operation of diode and transistor ➤ Know the characteristics of devices and their operations.
2.	Electric Circuits & Electronic Devices Practical	22SCCEL1P	<ul style="list-style-type: none"> ➤ Verify all the basic laws and theorems ➤ Characterize the BJT, FET, UJT, etc.
3.	Analog Electronic Circuits	22SCCEL2	<ul style="list-style-type: none"> ➤ Gain the knowledge of Rectifiers and power supply ➤ Enhance skills in transistor biasing. ➤ Learn of all types of coupling of amplifiers ➤ Acquire knowledge in power amplifiers. ➤ Develop skills in oscillator circuits.
4.	Analog Electronic Circuits Practical	22SCCEL2P	<ul style="list-style-type: none"> ➤ Learn all waveform generation techniques. ➤ Gain knowledge on the improvement of power amplifier circuit ideas.
5.	Digital Electronics	22SCCEL3	<ul style="list-style-type: none"> ➤ Learn number systems, its conversions and Boolean algebra functions • Verify the truth table of Logic gates and Arithmetic Operators. • Understand combinational Logic Circuit • Familiarize sequential Logic Circuits • Gain knowledge on various types of memory and latest applications

6.	Digital Electronics Practical	22SCCEL3P	➤ On the successful completion of the course, students will be able to • Understand combinational Logic Circuits. • Familiarize sequential Logic Circuits.
7.	Linear Integrated Circuits	22SCCEL4	➤ Design linear and nonlinear applications of Op-Amps • Design applications using analog multiplier and PLL • Design ADC and DAC using Op-Amps • Generate waveforms using Op-Amp Circuits • Analyse special function ICs.
8.	Linear Integrated Circuits Practical	22SCCEL4P	➤ On the successful completion of the course, students will be able to • To acquire the knowledge about operational amplifier. • To learn about the applications of operational amplifier.
9.	Linear Integrated Circuits	16SCCEL5	To impart knowledge about IC fabrication, Operational amplifier and 555 timer and its application.
10.	Microprocessor and its Applications	16SCCEL6	To acquire the knowledge about microprocessors and programming for various applications.
11.	Control Systems	16SCCEL7	To acquire the knowledge about basics of control system characteristics, analysis and design.
12.	Electronics III (P)	16SCCEL3P	To write and execute basic programming concepts in Microprocessor 8085
13.	Sensors, Transducers & Measurements	16SMBEEL 1:2	To acquire the knowledge about Sensors Transducers fundamentals and its applications in biomedical instrumentation.
14.	Power Electronics	16SCCEL8	To learn the operative principles of power electronic devices and their applications
15.	Microcontroller and Embedded Systems	16SCCEL9	To acquire the knowledge about Microcontrollers, Embedded and programming for various applications
16.	Electronics IV (P)	16SCCEL4P	To design Basic electronics circuits by themselves and troubleshooting
17.	Electronic Instrumentation	16SMBEEL 2:2	To impart the working principles of Electronic Instruments
18.	Very Large Scale Integration (VLSI)	16SMBEEL 3:2	The students will learn MOSFET, CMOS, and IC Fabrication Process

M.Sc., PROGRAM OUT COME

After completion of B.Sc., degree can pursue M.sc., programme in related subjects. This can provide the qualification needed to go on to bigger and better things. A master in science means your future in your hands.

M.Sc., PROGRAM (Electronics)

Electronics is the most basic of advance sciences. It seeks to understand several devices and their operations. Electronics is the branch of Physics Engineering and Technology dealing with electrical circuits that involve active electrical components.

- The students are given enough knowledge on semiconductor devices because now –a- days most of the electronic circuits use semiconductor components, which control electron flow.
- Hands on experiments in advanced Electronics.
- Learn to carry out experiments in basic as well as creation advance area of Electronics such as PIC Microcontroller FPGA, VHDL.
- Understand lab techniques and aware the handle of sophisticated instrument technique.
- Student will have good exposure in various Electronic devices and simulation software.

S. No.	Paper Title	Paper Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	Analog & Digital Circuits Design	P22ELCC11	<ul style="list-style-type: none">➤ Understand the working principle of Analog and Digital devices➤ Design the Analog and Digital Circuits➤ Know the various operations of Operational Amplifiers➤ Design the counters➤ Design simple Computer.
2.	Electromagnetic Theory	P22ELCC12	<ul style="list-style-type: none">➤ Acquire in - depth knowledge of Electro statistics and Electromagnetics➤ Apply Electromagnetic theory in communication systems➤ Familiarize with applications in various fields➤ Solve waveguide problems for the transmission of signals➤ Utilize EM waves in safer way.
3.	Advanced Electronic Instrumentation	P22ELCC1A	<ul style="list-style-type: none">➤ Understand the advanced instrumentation techniques and safety measures➤ Handle the instruments as per the procedure➤ Ensure to take accurate measurements➤ Design smart instruments for industrial applications➤ Reduce manual error in the measurements

4.	Analog & Digital Circuits Design Lab	P22ELCC1P	<ul style="list-style-type: none"> ➤ The fundamental theory of optical structure. ➤ Fabrication methods of Opto electronic material. ➤ Different types of spectroscopy techniques. ➤ Importance of material science
5.	Embedded Systems	P22ELE1A	<ul style="list-style-type: none"> ➤ Acquire knowledge about the IoT systems ➤ Apply the ideas for smart home applications ➤ Use embedded system in automation areas ➤ Familiarize with system design ➤ Know about cloud services
6.	Industrial Safety & Disaster Management	P22ELVAC1	<ul style="list-style-type: none"> ➤ Know about Industrial safety measures and the preparedness for disaster. ➤ Learn about the possibility of industrial hazards and preventive measures ➤ Know the causes for man- made error in industrial safety and disaster ➤ Create awareness among public ➤ Design safety policies for the people working in accident prone area.
7.	Radar and Satellite Communication	P22ELCC21	<ul style="list-style-type: none"> ➤ Know the fundamentals of Radar system ➤ Use doppler effect in Radar communication ➤ Familiarize with different types of Radar ➤ Know the working principles of satellite ➤ Utilize this knowledge in designing small satellites
8.	VLSI Technology	P22ELCC22	<ul style="list-style-type: none"> ➤ Know the components of VLSI design ➤ Understand the different types of process involved in VLSI design ➤ Design the detector and Comparator circuits ➤ Write the VHDL programming ➤ Know Map, place and Route process
9.	Single Board Processors and Python	P22ELCC2A	<ul style="list-style-type: none"> ➤ Understand Arduino's architecture, including inputs and connectors for addon devices. ➤ Program to control lights, motors, and other devices with Arduino. ➤ Add third-party components such as LCDs, accelerometers, gyroscopes, and GPS trackers to extend single board functionality. ➤ Understand the Python programming languages, from C to drag-and-drop languages. ➤ Test, debug, and deploy the Python to solve real world problems
10.	VHDL & Arduino Lab	P22ELCC2P	<ul style="list-style-type: none"> ➤ Use the practical as a prerequisite for designing ASIC and FPGA boards. ➤ Design hardware circuits based on VHDL. ➤ Use Arduino for different applications. ➤ Perform Arduino interfacing with other devices.
11.	Nanoelectronics	P22ELE2A	<ul style="list-style-type: none"> ➤ Gain the concepts of Nano electronics such as ballistic transport and quantum confinement. ➤ Understand various nanostructures and its applications towards quantum electronic devices. ➤ Design and simulate various advanced Nano - electronic devices. ➤ Design Nano – Sensor for Electronic Applications ➤ Use carbon nanotubes for various applications.

12.	Digital Signal Processing	P22ELCC31	<ul style="list-style-type: none"> ➤ Analyse the different form of signals • Differentiate DFT and FFT transform methods for DSP applications • Develop Speech Processing System • Use it in a Control System • Apply in Image Compression
13.	Advanced Microcontrollers	P22ELCC32	<ul style="list-style-type: none"> ➤ Understand PIC and AVR Microcontrollers. • Interface microcontrollers for many applications. • Know the difference in PIC and AVR programming • Control DC motor, Servo motor functions using PIC or AVR • Build different types of projects in Electronics
14.	Control systems	P22ELCC3A	<ul style="list-style-type: none"> ➤ Analyse the various aspects open loop and closed loop system • Apply in real world control system requirements. • Utilize digital methods • Design full state control system • Analyse Time and frequency domain in applications.
15.	Advanced Microcontrollers Practical	P22ELCC3P	<ul style="list-style-type: none"> ➤ Handle Microcontrollers as per the procedure • Get the hands -on – Experience with controllers • Perform arithmetic operations • Interface Relay, LED, LCD and Keyboard etc. • Write the Microcontroller programs for different applications
16.	PCB Design and CAD	P22ELE3A	<ul style="list-style-type: none"> ➤ Apply advance techniques in designing PCB. • Understand the fabrication processes • Familiarize with different types of fabric used for screen printing • Design Printed Circuit Board with Computer Tools.
17.	Bio-Medical Instrumentation	P22ELNME2	<ul style="list-style-type: none"> ➤ Understand the working principle of Medical devices • know the Applications of Bio – Medical Instruments • Get the awareness of recent development in the Bio – Medical field
18.	ASIC & FPGA Design	P22ELCC41	<ul style="list-style-type: none"> ➤ Learn the differences between ASIC and FPGA Devices. • Understand the components of FPGA and Its memory • Know about power FPGAs • Employ FPGAs in interfacing applications • Design FPGA based resistive
19.	Wireless Sensor Networks	P22ELCC42	<ul style="list-style-type: none"> ➤ Identify the challenges involved in Wireless adhoc and sensor networks • Study about various Protocols employed in network • Understand the applications of Wireless Sensor Networks • Utilize the knowledge of MAC protocol to develop WSN • Analyse different applications possibility with WSN

20.	Programmable Logic Controller	P22ELIBC	<ul style="list-style-type: none"> ➤ Identify the components of PLCs. • Familiarize with the ladder diagram • Use the PLC in Control systems • write PLC program to perform the various operations • Use PLC in Electronic Applications
21.	Cyber Security	P22ELVAC2	<ul style="list-style-type: none"> ➤ Get confidence to face any unexpected cyber threats. • Know the preventive measures to avoid wireless devices ,credit and debit card frauds • Review and Practice cyber security methods and ethics in online • Evaluate best practices in cyber security concepts

Name of the Department : **ENGLISH**

Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B.A ENGLISH

- A Student, who has taken admission in program of B.A with English as compulsory or elective subject of study is expected to achieve following outcomes.
- Basic knowledge of English as language which is essential to understand English literature.
- Basic knowledge of English grammar when they acquire their degrees.
- Knowledge of English language helps them to think critically while studying English literature. They are able to relate pleasure of literature and real life.
- They learn to understand and communicate as English has become global language..
- The acquisition of English opens up vast content of information available on any subject online and offering.
- .Any student with a good command over English can appear in any competitive exam in India and abroad.

M.A ENGLISH

- Students acquire in-depth knowledge in English, which makes them sensitive and sensible enough to solve issues related to life through literature.
- Post Graduates will be acquainted with philosophical, historical and ideological tradition and thinking of their respective subjects.
- .The program also empowers post graduates to appear for various competitive examination
- The M.A programme enables students to acquire knowledge with human values framing the foundation to deal with various problems in life with courage.
- Though the PG programme students come to know about research in their respective subject.
- Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue
- Students are enable to understand life through literature and efficiently and effectively integrate and evolve to accomplish a specific purpose in their future

Course Outcomes of all Programs Offered by the Department

Name of the Programme : B. A ENGLISH

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	PROSE	22ACCEN1	<ul style="list-style-type: none">➤ Learners are introduced to the evolution of English Prose from the Elizabethan to the 20 century➤ Learners are exposed to various styles of prose writers➤ Learners are trained to imitate and improve their style of writing
2.	World Short Stories	22ACCEN2	<ul style="list-style-type: none">➤ Learners are exposed to short story writing over the century➤ Knowledge of different culture provide the learners deep insight into culture➤ Students get to know and understand different themes
3.	Social History of England	22AFACEN1	<ul style="list-style-type: none">➤ Learners are exposed to understand social and literary history of England from the middle age to the 20th century➤ Learners are made ware of the relation between socio-political and socio-religious and literary works
4.	POETRY I	22ACCEN3	<ul style="list-style-type: none">➤ Learners are introduced to the changing trends in English poetry from the age of renaissance to Johnson➤ Learners are helped to analyse and appreciate poetry critically
5.	Fiction	22ACCEN4	<ul style="list-style-type: none">➤ Learners are made to understand different forms of novels from the age of Tennyson to 20th century➤ Learners are trained to identify diverse the fictional themes and techniques➤ Learners are trained to improve their creative and imaginative faculties through the novels of major British Writers

9	Poetry II	22ACCEN5	<ul style="list-style-type: none"> ➤ The learners could understand the salient features of one act plays ➤ They could appreciate various cultures presented through different texts ➤ They could learn different dimensions of characterization especially the sociological and psychological dimensions
10	World One-Act Plays	22ACCEN6	<ul style="list-style-type: none"> ➤ The Learners Could become aware of the literary history of texts from the age of Chaucer to Dryden ➤ They could understand how the socio political and socio religious scenario influenced the literary output of England
11	History of English Literature I	22ASACEN1	<ul style="list-style-type: none"> ➤ The Learners Could acquire the details about the history of language and nuances of phonetics – consonants, vowels and diphthongs ➤ They become aware of the form and the content of language and scientific systems of the language
12	Drama	22ACCEN7	<ul style="list-style-type: none"> ➤ The learners could understand the historical background of the literary texts from the age of Pope to the present age ➤ The significance of the rise and fall of literary movements and their relationship to the socio-political and socio-religious event could understood by the learners
16	Introduction to Language and Linguistics	22ACCEN8	<ul style="list-style-type: none"> ➤ The learners are introduced to concepts, types and motivation for tourism. ➤ Become knowledgeable about different kind of accommodations and modes of transport ➤ Get acquainted with travel intermediaries – travel agency, tour operators and guides ➤ They could come to know about documentations such as passport, visa and foreign exchange
17	Shakespeare	16ACCEN9	<ul style="list-style-type: none"> ➤ Learners are introduced to plays ➤ Enlightened about the grammatic and theoretical conventions of Shakespeare ➤ Could understand characterization, grammatic and poetic techniques of Shakespeare plays

18	Principles of Literary Criticism	16ACCEN10	<ul style="list-style-type: none"> ➤ The learners get acquainted with the knowledge of history of Literary criticism, its various trends and schools ➤ Learners are able to apply literary theory to texts in order to enrich their understandings ➤ They could understand the Scott's given approach to literature
19	American Literature	16ACCEN4	<ul style="list-style-type: none"> ➤ Students are introduced to important aspects in various genres of American Literature ➤ They could appreciate the richness of American Literature through representative works of all the genres
20	Indian Culture and Literature	16ACCEN12	<ul style="list-style-type: none"> ➤ Learners comprehend the rich heritage of India ➤ They could appreciate the underlying unity, the diverse languages and literatures of India ➤ They could also recognize the important contributions of India to world literature
21	Translation Theory and Practice	16AMBEE N1	<ul style="list-style-type: none"> ➤ Learners are familiarized with history and theory of translation ➤ They are introduced to the techniques involved in translation ➤ Theory become capable of translating prose passages from English to Hindi and vice versa
22	Indian Writing in English	16ACCEN13	<ul style="list-style-type: none"> ➤ Learners are aware of the history and growth of Indian Writing in English ➤ They are introduced to the rich literary tradition in Indian Writing in English ➤ They could appreciate the changing trends in Indian Literature in English from Pre to Post-Independence era
23	Common Wealth Literature	16ACCEN14	<ul style="list-style-type: none"> ➤ Learners are introduced to literatures of a few common wealth countries ➤ They could understand and appreciate various cultures and traditions
24	English Language Teaching	16ACCEN15	<ul style="list-style-type: none"> ➤ learners are exposed to various approaches and methods, aspects and strategies of teaching English ➤ they realize the essential components and concepts of language teaching

25	Cultural Tourism in India	16RSBE10: 2	<ul style="list-style-type: none"> ➤ Learners are educated about the concepts of cultural tourism and eco tourism ➤ They are aware of the rich cultural heritage of India ➤ They are able to appreciate different cultures and traditions in India
26	Tourism Product	16RSBE10: 3	<ul style="list-style-type: none"> ➤ Learners become aware of the geography of tourism ➤ They are able to enjoy the nuances of arts and sculptures in temple ➤ Become knowledgeable about tourism marketing, its purpose, promoting strategy,

Course Outcomes of all Programs Offered by the Department

Name of the Programme : M.A ENGLISH

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	Language and Linguistics	P22ENCC11	<ul style="list-style-type: none"> ➤ Understand how language, society and culture are related. ➤ Describe the theoretical and practical manifestations of linguistics. ➤ Understand the discourse of linguistics. ➤ Explain the origin of the English Language and its development ➤ Explain the various implications of word formation ➤ Establish a relationship between linguistics and language teaching.
2	Modern Literature - I (1400-1660)	P22ENCC12	<ul style="list-style-type: none"> ➤ Demonstrate the literary techniques and style employed during the classical age. ➤ Promote the learning of the various poetic devices ➤ Establish a link between literature and society ➤ Prepare for qualifying and competitive examinations in English literature. ➤ Trace the development of the English language and society. ➤ Equip the readers with the techniques of teaching English literature.
3	Modern Literature - II (1660-1798)	P22ENCC13	<ul style="list-style-type: none"> ➤ Students get to know the changing trends in English poetry from Milton to pre-romantic ➤ students gain the knowledge of prose allegory of the restoration period and varied prose works of Age of Pope ➤ the learners are empowered with the salient features of anti sentimental comedy and restoration comedy ➤ the students acquire in depth knowledge of emergence of the English novel during the age of transition
4	Introduction to Comparative Literature	P22ENCC1A	<ul style="list-style-type: none"> ➤ Explain the evolution of Comparative Literature ➤ Describe the salient features of the French and American Schools of CL ➤ Realize the methodology employed in Influence and Parallel Studies ➤ Understand the finer points of the matology, reception

			<p>study and study of the genres</p> <ul style="list-style-type: none"> ➤ Spell out the relationship Literature has with society and religion ➤ Comment on the relationship Literature has with Psychology and various Arts
5	Asian Literature in English	P22ENE1A	<ul style="list-style-type: none"> ➤ Students will be able to appreciate and assess the Asian Literature written in English ➤ Ecognize the universality of human experiences reflected in these works ➤ Analyze elements of literature such as imagery, theme, motifs, style, tone etc ➤ Compare and contrast the works of authors of different cultural backgrounds which deal with similar themes. ➤ Develop cultural awareness and compare that with the learners cultural background ➤ Demonstrate improvement in critical writing and critical thinking skills.
6	Modern Literature - III (1798-1832)	P22ENCC21	<ul style="list-style-type: none"> ➤ to familiarize learners with the characteristic of Romantic poetry ➤ to acquaint learners with the unique qualities of theessays of Lamb and Hazlitt ➤ to make learners aware of the characteristic of Scott's and Jane Austen's novels
7	Modern Literature -IV (1832-1945)	P22ENCC22	<ul style="list-style-type: none"> ➤ it helps them to understand the spirit of VictorianEngland and its influence on poetry ➤ to help learners appreciate the revolution broughtabout through Aesthetic Movement and anti Victorian Movement in poetry, drama and novelsduring the of Hardy ➤ to expose learners to various aspects of the works of T S Eliot
8	Shakespeare	P22ENCC23	<ul style="list-style-type: none"> ➤ to expose learners to the development o linguistic, social, psychological and existential skills through a few representative plays of Shakespeare
9	Green Literature	P22ENCC2B	<ul style="list-style-type: none"> ➤ To help learners develop literary sensibility and critical thinking ➤ To make learners understand a wide range of literary texts, literary history and literary criticism ➤ To introduce learners to a variety of critical approaches to perceive the paradigm shift through the critical texts from Plato to T S Eliot

10	Research Methodology	P22ENE2A	<ul style="list-style-type: none"> ➤ Define research ➤ Differentiate the types of research ➤ Describe the use of library in academic research ➤ Comment on the different types of note making ➤ Explain the methods of outlining ➤ Elucidate the mechanics of thesis writing
11	Indian English Literature	P22ENCC31	<ul style="list-style-type: none"> ➤ Discuss the different phases evolution of Indian writing in English • Explain the Indianness as reflected in the texts. • Depict the various customs and traditions through which the writers portray the Indian life • Bring out the autobiographical elements of Indian Writers in English • Comment on the pluralistic aspects of Indian culture and identity • Introduce the themes, genres and recent trends of Indian writing in English
12	American Literature	P22ENCC32	<ul style="list-style-type: none"> ➤ Acquire adequate knowledge of various American authors and their works • Gather a comprehensive idea of the evolution of different genres in American Literature • Acquire literary sensibility to appreciate the innovative narratological techniques employed by American writers • Point out the religious and cultural temperament of the period and familiarize the various literary movements that flourished in America • Interpret the different genres and the contribution of the writers prescribed for study • Explore the uniqueness of American Literature at an advanced level
13	Literary Criticism	P22ENCC33	<ul style="list-style-type: none"> ➤ Identify different schools and principles of literary criticism • Acquire the knowledge about the different methods of literary criticism • Distinguish between the various approaches to literary texts • Relate literature to life and analyze the texts in the light of socio-political and historical backgrounds • Obtain a literary acumen to face challenging competitive examinations like NET/SET etc., with confidence • Learn the nuances of the 20th Century literary criticism
14	World Classics in Translation	P22ENCC3A	<ul style="list-style-type: none"> ➤ Identify and discuss seminal classics across the globe. • Assess the translation process involved in the classical texts • Appreciate characterization and themes of the literary works • Distinguish various literary techniques employed by the classical writers • Understand literary traditions around the world • Appreciate the richness of culture and tradition as presented in the world literature
15	English Literature for Competitive Examinations	P22ENE3A	<ul style="list-style-type: none"> ➤ Understand the test pattern of various competitive exams • Know the development of English literature during different periods • Understand the growth and development of world literature, literary theory and criticism • Understand the growth of English language teaching and its importance • Identify their unique

			strategy in preparation for competitive examinations • Acquire insights and prepare for the national level test independently
16	Postcolonial Literature	P22ENCC41	<ul style="list-style-type: none"> ➤ Appreciate the writers and their contribution to the postcolonial literature • Identify and understand vital postcolonial authors and texts in their historical and cultural contexts. • To define and organize central terms and concepts in postcolonial studies. • To understand the struggle for freedom, transition and comprehending the phase of independence. • To read, comprehend, and engage with postcolonial literary criticism. • To think critically about the contexts of exploration and to understand diverse approaches to nationalism, multiculturalism, gender and race in the context of postcolonial societies
17	Literary Theory	P22ENCC42	<ul style="list-style-type: none"> ➤ Understand the key concepts in literary theory • Explain the meaning, significance, and value of specific literary theoretical works. • Develop own interpretation of literary text using the theoretical background • Study the various schools of critical theories in 20th century. • Explore possible applications of critical theory to various literary texts. • Demonstrate in-depth knowledge of foundational critical texts.
18	Introduction to Journalism and Mass Communication	P22ENIBC	<ul style="list-style-type: none"> ➤ Choose a career in the field of Journalism • Become a freelance writer • Report news stories, press releases • Acquire the knowledge of proofreading • Write features and articles • Explore the growth and diversity of mass media
19	Human Rights through Literature	P22ENVAC2	<ul style="list-style-type: none"> ➤ Identify potential roles for oneself in the promotion of Human Rights • Identify the importance and the values of human rights • Apply the provisions of human rights to solve the issues in the society • Analyse the violations of human rights to the marginalized section in the society • Understand and relate works of literature from different literatures to the concept of Human rights • Develop an awareness among the learners to involve in the struggles and activities of the human rights organizations

Name of the Department : **DEPARTMENT OF GEOGRAPHY**
Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

- This syllabus is designed to impart basic knowledge on geography as a spatial science and train the undergraduates to secure employment in the sectors of geospatial analysis, development and planning, mapping and surveying.
- Geography is the study of places and the relationships between people and their environments.
- Geographers explore both the physical properties of Earth's surface and the human societies spread across it. They also examine how human culture interacts with the natural environment and the way those locations and places can have an impact on people.
- Geography seeks to understand where things are found, why they are there, and how they develop and change over time.
- The study of the diverse environments, places, and spaces of Earth's surface and their interactions. It seeks to answer the questions of why things are as they are where they are.
- The modern academic discipline of geography is rooted in ancient practice, concerned with the characteristics of places, in particular their natural environments and peoples, as well as the relations between the two.
- Students will demonstrate the fundamental and applications of current Geographical and social thoughts including Map making, Surveying Remote Sensing, Physical and social activities.

Course Outcomes of all Programs Offered by the Department

Name of the Programme: B.Sc. GEEOGRAPHY

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	Earth System Science	22SCCGR1	<ul style="list-style-type: none"> ➤ To understand the theories on evolution of earth and nature. ➤ Obtain knowledge about the atmosphere, hydrosphere, and lithosphere, including their interaction and interrelationships. ➤ Acquire knowledge on the direct effect of life on the Earth system directly such as climate change, global warming, usage of natural resources etc. ➤ Investigate climate changes in the past and advance prediction models, scenarios related with future climate and to develop strategy with sudden climate changes, natural disasters. ➤ Explore how these interactions change with time through our study of earth system history.
2	Map Scales and Relief Feature Representation Practical	22SCCGR1P	<ul style="list-style-type: none"> ➤ Draw and compute map scales of different kinds. ➤ Measure the distance, areas and find the directions on maps. ➤ Reduce and enlarge maps of different scales manually to the required size. ➤ Depict landforms by contours. ➤ Represent the data related to climate by means of graphs and diagrams.
3	Geomorphology	22SCCGR2	<ul style="list-style-type: none"> ➤ Describe the morphology of the landscape and related processes in areas influenced by fluvial, glacial, periglacial, aeolian, coastal, and arid systems. ➤ Describe major scientific ideas and theories about the development of the landscape. ➤ Critically analyse geomorphological issues in a scientific context at local, regional and global scales. ➤ Analyze simple geomorphological data from topographic maps as well as aerial photographs ➤ Identify the major landforms on the Earth's surface and interpret the processes responsible for their genesis.

4	Techniques of Terrain Analysis and Mapping Practical	22SCCGR2P	<ul style="list-style-type: none"> ➤ Understand the basics of mapping, methods and techniques of mapping. ➤ Are exposed to real data and software's, such as Survey of India Top sheets and ARCGIS software's. ➤ Get expertise in Geo-database creation. ➤ Will understand the importance of Top sheets and can interpret all features that are present it without any assistance. ➤ Various analysis such as slope analysis, Drainage basin analysis, rain fall variability etc which are major part of geographical study are studied practically, which enhances them to next level of study.
5	Climatology and Oceanography	22SCCGR3	<ul style="list-style-type: none"> ➤ Understand about the composition and structure of atmosphere. • Discuss about the pressure system and its implications. • Describe the features of cyclone and quantify the nature of cyclone. • Familiarize about the ocean submarine topography, waves, currents and tides. • Analyse and compare the temperature distribution and justify the importance of ocean resources.
6	Representation of Climatic Diagrams – Practical	22SCCGR3P	<ul style="list-style-type: none"> ➤ The students would know about plotting physical data. • The course creates consciousness about understanding physical and climate data. • The learner can have confident in interpreting topographic and physiographic maps. • It provides confident in understanding the weather reports. • The student would learn various drawing skills to represent the terrain.
7	Cartography	22SCCGR4	<ul style="list-style-type: none"> ➤ The student would familiarize concepts of scale and projection system. • The student would understand cartography as a science of communication. • The learner will understand the use of projection system in specific maps. • The course familiarizes the usage of conventional signs and symbols. • The students will be able to create new maps through collecting different data.

8	Mapping, Analysis of Qualitative & Quantitative Data - Practical	22SCCGR4P	<ul style="list-style-type: none"> ➤ Understand the basics of mapping, methods and techniques of mapping. • Students can efficiently map physiographic and other resources from the aerial and satellite images • Get expertise in interpreting the aerial and satellite images • Will be able to correlate and compare various data sources and appreciate them • Various analysis such as slope analysis, Drainage basin analysis, rain fall variability etc which are major part of geographical study are studied practically, which enhances them to next level of study.
9	Cartography	16SCCGR 6	<ul style="list-style-type: none"> ➤ To provides the basic concepts, techniques of cartography. ➤ After completion of course the students will understand the arts and science of map making. ➤ Comprehend the concept of scales and representation of data through cartograms. ➤ Interpret geological and weather maps. ➤ Learn the usages of survey instruments. ➤ Brings direct interaction of different types of <ul style="list-style-type: none"> – surveying instruments like Dumpy level and Theodolite with environment.
10	Economic Geography	16SCCGR7	<ul style="list-style-type: none"> ➤ Understand the concept of economic activity, factors affecting location of economic activity. Gain knowledge about different types of Economic activities ➤ Assess the significance of Economic Geography, the concept of economic man and theories of choice. ➤ Analyze the factors of location of agriculture and industries. ➤ Understand the evolution of varied types of economic activities. ➤ Map and interpret data on production, economic indices, transport network and flows.

11	Bio- Geography	16SMBEGR 1	<ul style="list-style-type: none"> ➤ Have knowledge about the character and profile of different soil types. ➤ Understand the impact of man as an active agent of soil transformation, erosion and degradation. ➤ Recognize land capability and classify it. ➤ Explaining the Pedological and Edaphological Approaches to Soil Studies - Processes of soil formation, types of soil, and principles of soil and land classification; and management. ➤ Understand the varied ecosystems and classify them. ➤ Recognize the significance of biogeochemical cycles and biodiversity. ➤ Comprehend the devastating impact of deforestation. ➤ Identify soil types and derive their pH.
12	World Regional Geography	16SCCGR8	<ul style="list-style-type: none"> ➤ To give an overview of the land, people and economy of the different regions of the world, so that the students are aware of world resources ➤ Meaning of Natural Regions – Concept of Region – Types of region -Formal and – Functional regions - Regional Hierarchy. ➤ Equatorial Regions: Location and extent – Physiographic – Climate – Mineral resources - Economic activities - Population. ➤ Tropical Regions: Location and extent – Physiography – Climate – Mineral resources - Economic activities - Population. ➤ Temperate & Mediterranean Regions: Location and extent – Physiography – Climate – Mineral resources - Economic activities - Population. ➤ Polar Temperate Regions: Location and extent – Physiography – Climate – Mineral resources - Economic activities - Population.

13	Geography Of India	16SCCGR8	<ul style="list-style-type: none"> ➤ To presenting a comprehensive, integrated and empirically based profile of India. ➤ To understand the resource distribution of India and Tamil Nadu ➤ Location -Physiographic Divisions - Drainage -Climate-Soil -Natural vegetation. ➤ Irrigation - Types - Multipurpose Projects - Agriculture: Food crops, cash crops, plantation, pulses and oil seeds. ➤ Distribution of metallic and non-metallic minerals - Power resources: hydel, coal, petroleum, nuclear, solar and wind - Industries: iron and steel, cement, paper, cotton, chemical, engineering & electronics, automobile and software industries – major industrial regions
14	Settlement Geography	16SMBEGR 2	<ul style="list-style-type: none"> ➤ To basic knowledge about different type of settlements and theories. After completion of the course the students will understand different characteristics of settlements. ➤ Acquire knowledge about Rural settlements- Definition, nature and characteristics ➤ Analyze the morphology of rural settlements ➤ Learn the rural house types, census categories of rural settlements and idea of social segregation ➤ Learn the census definition and categories of urban settlements ➤ Analyze the urban morphology models of Burgess, Hoyt, Harris and Ullman ➤ Differentiate between city-region and conurbation ➤ Analyze the functional classification of cities ➤ Develop the skill of mapping language distribution of India ➤ Learn to plot proportional squares to illustrate housing distribution ➤ Acquire the skill of identifying rural settlement types from topographical sheet ➤ Understand Social Area Analysis of a city based on Shevky

15	Regional Planning	16SMBEGR 3	<ul style="list-style-type: none"> ➤ To understand the concept of region and to identify the issues relating to the development of the region through the process of spatial organization of various attributes and their inter relationship. ➤ Understand and identify regions as an integral part of geographical study. ➤ Appreciate the varied aspects of development and regional disparity, in order to formulate measures of balanced development. ➤ Analyzing the concept of regions and regionalization. ➤ Studying typical physiographic, planning, arid and
16	Gender Studies	UGGS	<ul style="list-style-type: none"> ➤ Students learn to develop sensitivity towards both genders in order to lead an ethically enriched life ➤ Students learn the concept of gender equity and gender mainstreaming ➤ Students explore new areas of gender discrimination ➤ Students are potential enough to promote attitudinal change towards a gender balanced ambience and women empowerment. ➤ Students become knowledgeable about various act for eve teasing prevention.
17	Statistics	16SACST1	<ul style="list-style-type: none"> ➤ To introduce the basic concepts of statistics ➤ To the students of geography in a brief but adequate manner. This allied course will help the students to understand the purpose, meaning, and use of statistics in geographical studies ➤ Statistics – Nature and Scope – Significance of statistical methods in geography - Sources of data – Primary and secondary data - Scales of measurement: Nominal, Ordinal, Interval <ul style="list-style-type: none"> ○ and Ratio.

18	Statistics II	16SACST2	<ul style="list-style-type: none"> ➤ To teach the basics of sampling, hypothesis formulation and methods of statistical data analysis for geographical research ➤ Sampling – Theoretical basis - Methods of sampling: simple random, stratified random, systematic, cluster and purposive sampling - Size of sample - Sampling error. ➤ Probability – Theorems of probability - Conditional probability - Bayes’ theorem - Probability distribution: discrete and continuous – Binomial distribution and Normal distribution - Properties of normal curve. Statistical hypothesis - Tests of hypothesis – Types - Hypothesis error -Sampling distribution - Tests of significance: One tailed and Two tailed tests. • Parametric and Non-parametric Tests: Procedures - Student’s t- test, Chi-square test, F-test and Z-test – ANOVA - Applications. ➤ Applications: General applications - Statistics in research - Quantitative techniques in geography –Spatial statistics.
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Name of the Department : **DEPARTMENT OF HISTORY**

Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B.A HISTORY:

- To make the students to know the importance and value of history.
- To motivate the students to collect the Antiquities.
- To enable the students to learn historical monuments and heritage centres in Tamilnadu.
- To emphasize the students to remember the facts and events of history.
- To encourage the students to visit museum and to know the ancient glories.
- To prepare the students to face the competitive examination.
- To insist the students to write the articles for the newspapers.
- To encourage the students to participate and present their research articles in the state , national and international conferences.
- To create awareness among the students for the current political scenario.
- To make the students to promote and protect the environment.

M.A HISTORY COURSE OUTCOME:

- MA History Outcomes
- 1.Student Understand earn The Basic Skill of history Writing & research.
- 2 They Tress out the Root of contemporary society from the past
- 3 They realize the importance of Socio cultural moral value.
- 4 They understand the Depth of Subject of History from Macro to Micro level.
- 5. Students were able to understand that how history is studied and written by analysing inter-related political, social, economic and cultural process.
- 6. Students applied techniques and methods like analytical operation for identifying the primary and secondary sources.
- 7. Students got exposure to research methodology and presentation.
- 8. Students were able to analyse and evaluate of historical information from multiple sources.
- 9. Students developed critical thinking through evolution of the record of the past and understood how historians and others have interpreted it.
- 10.Students developed the knowledge and understanding of ideas of leaders and movements. 3 Students expressed understanding of major historical development with context of Drain of wealth, Renaissance, Satyagraha etc.
- 11. Students gain the knowledge of regional history within broad national frame work.

B.A. HISTORY

S. No	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1.	History of India From Prehistory to 1206 C.E.	22ACCHI1	<ul style="list-style-type: none">➤ Understand the Geographical features and sources of the Indian history.➤ Illustrate the students Vedic Society, Religious Movement and their Principles.➤ Assess the rise and fall of Empires, administration, urbanization process, Art and Architecture.➤ Explore the contribution of Guptas to art and architectures.➤ Understand the foreign relations of ancient Indian Kingdoms which is useful for preparation of competitive exams and jobs.
2.	History of Tamilnadu up to 1336 C.E.	22ACCHI2	<ul style="list-style-type: none">➤ Understand the Geographical features and Historical sources of Ancient Tamil Nadu➤ Study the social and economic condition of Sangam Age➤ Analyze the impact of Kalabhra rule on Tamil Society, Literature and Culture➤ Recognized the evolution of education and art and architecture.➤ Discuss the impact religious Movements in Tamil Nadu.
3.	Studies on States and Governments-I	22AFACHI1	<ul style="list-style-type: none">➤ Understand the evolution of states and explore the classification of governments➤ Understand the classification of constitution➤ Understand the concepts of separation of powers.➤ Explore the Suffrage of India.➤ understand the types of political parties in India
4.	History of India From 1206 C.E. to 1707 C.E.	22ACCHI3	<ul style="list-style-type: none">➤ Understand the origin and foundation of Delhi sultanate.➤ Illustrate the feature of Islamic architecture➤ Understand the establishment of Mughal Empire in India.➤ Explore the socio economic condition under Mughals.➤ Illustrate the rise of Marathas and their contribution to the society.
5.	History of Tamilnadu From 1336 C.E. to	22ACCHI4	<ul style="list-style-type: none">➤ Understand the rise and fall of the Nayak rule, administration, Art and Architecture.

	1800 C.E.		<ul style="list-style-type: none"> ➤ Explore the social and Economic conditions of Tamil Nadu under the Sethupathi rule. ➤ Evaluate the impact of Tondaimans of Pudukkotai and Marathas of Tanjore in Tamil Society. ➤ Understand the impact of Carnatic Nawab Rule in Tamil Nadu. ➤ Highlights the advent of Europeans and its consequences in Tamil Nadu.
6.	Studies on States and Governments-II	22AFACHI2	<ul style="list-style-type: none"> ➤ Understand the unique features of Indian constitution. ➤ Explore the working of union executive. ➤ Understand the power and function of chief minister and council of ministers ➤ Understand the important judicial system in India ➤ Understand the local government and its function.
7.	History of India From 1707 C.E. to 1857 C.E	22ACCHI5	<ul style="list-style-type: none"> ➤ To understand the causes for the disintegration of the Mughals ➤ To understand the reason for the success of the expansion of British rule ➤ To know the various policies of the British and the Indians reaction
8.	History of TamilNadu from 1800 C.E. to 2000 C.E	22ACCHI6	<ul style="list-style-type: none"> ➤ Understand the evaluations of Indian administration ➤ understand the administration of central government ➤ understand the administration of state government ➤ Understand the students what are the state administrative structure. ➤ Understand the decentralized administration in India.
9.	History of Europe From 1453 C.E. to 1789 C.E.	22ACCHI7	<ul style="list-style-type: none"> ➤ Understand the Transition of Europe from medieval to modern. ➤ Understand the causes for the discoveries ➤ Explore the emergence of Renaissance in Italy. ➤ Understand the emergence of nation states in Europe. ➤ Illustrate the formation of Enlightened Despotism in Europe.
10.	History of India From 1857 C.E. to 1947 C.E	22ACCHI8	<ul style="list-style-type: none"> ➤ Remember the historical events after Queen's Proclamation. ➤ Illustrate the Socio religious movement in India. ➤ Understand the factors responsible for emergence of Indian National Congress ➤ Understand the native resistance against British.

			<ul style="list-style-type: none"> ➤ Remember Gandhi in National Movement and various program introduced by him
11.	History of Contemporary India	16ACCHI10	<ul style="list-style-type: none"> ➤ Understand the Foundations of Independent India. ➤ Examine the development of India under Lal Bahadur Shastri to Indira Gandhi. ➤ Recognizes the Era of Economic Reforms under Rajiv Gandhi to Chandrashekar. ➤ Comprehends the Prime Minister ship of P.V. Narasimha Rao to I.K. Gujral ➤ Explores the efficiency of Planning Commission in India
12.	History of USA upto 1865 C.E.	16ACCHI 11	<ul style="list-style-type: none"> ➤ Understand about the effects of the colonization of USA. ➤ Understand the causes and significance of American War of Independence. ➤ Infer the making of American Constitution. ➤ Perceive various democratic practices. ➤ Dissent the system of slavery and racism.
13.	East Asia from 1894 A.D to 1970 A.D		<ul style="list-style-type: none"> ➤ To understand the circumstances leading to the Chinese revolution. ➤ To know the effect of First World War in China. ➤ To know the peoples republic in China. ➤ To understand Japanese imperialism ➤ To understand Militarism in Japan
14.	FREEDOM MOVEMENT IN INDIA		<ul style="list-style-type: none"> ➤ . To know causes for the rise of nationalism in India ➤ To study the various phases of nationalism ➤ To understand the works of various leaders in the freedom struggle
15.	History of USA 1865 C.E. to 2000 C.E.	16ACCHI14	<ul style="list-style-type: none"> ➤ Remember the important historical events in the U.S.A. ➤ Understand the sufferings of Negroes and support against apartheid. ➤ Understand the reforms of F. D. Roosevelt. ➤ Understand the condition USA between the wars. ➤ Illustrated the presidency after the cold war in America.
16.	HISTORY OF INDIA FROM 1857 A.D. TO 1947 A.D		<ul style="list-style-type: none"> ➤ To know causes for the rise of nationalism in India ➤ To study the various phases of nationalism ➤ To understand the works of various leaders in the struggle
17.	HISTORY OF EUROPE FROM 1789 A.D. TO 1945 A.D		<ul style="list-style-type: none"> ➤ To understand the age of revolutions ➤ To study the unification of Italy and Germany ➤ To understand the importance world organizations to maintain peace

MA History

SI. NO	Subject Code	SUBJECT	Learning Outcomes
1.	Indian Civilization and Culture from Pre history to 1206 C.E	P22HICC 11	<ul style="list-style-type: none"> ➤ Understand the sources of ancient India. Identify the Pre-historic and Indus sites. ➤ Illustrate the evolution of the administrative system in ancient India ➤ Determine the rise of various religions and their socio-cultural impacts. ➤ Understand the social changes and economic development under different dynasties. ➤ Understand the growth of art, architecture and literature in ancient India.
2.	Indian Civilization and Culture from 1206 C.E to 1707 C.E	P22HICC 12	<ul style="list-style-type: none"> ➤ Understand the literary works and authors of medieval India. Explain the growth of centralized state policy and administrative measures under Sultanate. ➤ Learned the salient features of Mughal administrative system. Criticize Akbar's religious polity. ➤ Illustrated the impact of the religious policy of the Mughals and trace the Mughal and Maratha relationship. Evaluate the Deccan policy of the Mughals. ➤ Analyzed the revenue system adopted by Delhi Sultans and Mughals. Debate on the nature of economy under the Mughals. ➤ Understand the cultural heritage of India in terms of values and beliefs.
3.	Socio - Cultural History of Tamilnadu From Sangam Age to 1800 C.E	P22HICC13	<ul style="list-style-type: none"> ➤ Tabulate the sources for the study of Tamilnadu. Understand social and religious condition under various dynasties of Tamilnadu. Indicate the role of temples in the preservation of Tamil culture ➤ Outline the growth of agriculture and trade of ancient Tamilakam. ➤ Explain about the classification of land, types of crops and irrigation system adopted by the Pallavas and Pandyas. ➤ Estimate the development of inland and foreign trade during the rule of the Cholas. Categorize the coins of the Cholas ➤ Trace the land revenue system of the Nayaks and vijayanara rulers.
4.	History of World Civilizations up to 1453 C.E	P22HICC1A	<ul style="list-style-type: none"> ➤ Understand Factors that favored the origin and development of civilization. ➤ Understand the oldest civilization of Mesopotamia and code of Hammurabi. ➤ Ancient Egypt set a precedent and inspired other cultures. ➤ Understand the pupil Papermaking, printing, gunpowder and the compass.

			<ul style="list-style-type: none"> ➤ The most important legacy of the Byzantine Empire is the preservation of Greek and Roman civilization during the Middle Ages. Byzantine civilization blended Christian religious beliefs with Greek science, philosophy, arts, and literature. They also extended Roman achievements in engineering and law.
5.	Archives Keeping	P22HIE1A	<ul style="list-style-type: none"> ➤ Traced the origin of archives and determine the need and importance of archives ➤ Illustrated the role Private and public archives in India. Explain how to establish archives. ➤ Understand the internal and external agents of deterioration, demonstrate preservation techniques. ➤ Understand the administrative machinery of archives. Summarize the functions of archives and its role in historical research. ➤ Known the origin and development of National archives and Tamilnadu archives, ➤ Appreciate the contributions of some of the important archives in preserving archival records.
6.	Indian History For Competitive Examinations	P22HIVAC 1	<ul style="list-style-type: none"> ➤ Understand about the Ancient Indian History and its importance towards the development of civilizations ➤ Understand the Medieval Indian History and its significance. ➤ Understand the political, social, economic, cultural and religious contribution to Muslim rule in India ➤ Interpret about the British administration towards educational and industrial developments during colonial period ➤ Explained various national leaders and national parties and their policies and impacts for the development of India
7.	Socio - Cultural History of India from 1707 C.E to 1857 C.E	P22HICC21	<ul style="list-style-type: none"> ➤ Understand the advent of Europeans, debate their commercial activities and their rivalries, Summarize the establishment of British and expansionist policy. ➤ Understand the advent of Europeans, debate their commercial activities and their rivalries, Summarize the establishment of British and expansionist policy. ➤ Valued the administrative reforms of early governor generals. ➤ Determined the consolidation of British rule in India by adopting different policies towards the Indian states. ➤ Understand The British passed various legislations in India with the motivation to preserve their commercial and economic interests along with preserving their own power in the Indian subcontinent ➤ Understand the role of socio-religious movements of 19th century in the eradication of social evils.
8.	Socio - Cultural History of Tamilnadu from 1800 C.E to 2000 C.E	P22HICC22	<ul style="list-style-type: none"> ➤ Understand the socio-economic and religious condition of Tamilnadu during the advent of Europeans. Summarize the growth of Christianity and Islam and its impact. ➤ Known the advancement of agriculture and trade and explain the rise of indigenous commercial elite and

			<p>dubashies in the 19th century.</p> <ul style="list-style-type: none"> ➤ Illustrated the impact of western education. Estimate the role of Christian missionaries for the growth of education. Enlist different types of education introduced in Tamilnadu. ➤ Understand the role of socio-religious movements with special reference to Self-respect movement. Point out the important social reformers and their contribution in the upliftment of the society. ➤ Understand the contributions of intellectuals like Bharathi and others in the national movement and trace the impact of films on society and politics.
9.	Freedom Struggle In India	P22HICC23	<ul style="list-style-type: none"> ➤ Examined the Emergence of Indian Nationalism. ➤ Examine the growth of Nationalism in India. ➤ Know the Growth And Development f Nationalist Movement ➤ Recognizes the Struggle for Independence and the proposals given by the British to Indians
10.	Economic History of modern India	P22HICC2A	<ul style="list-style-type: none"> ➤ Understand the process of economic exploitation and collapse of cottage industries ➤ Understand the development of modern industrial sector ➤ Reviewed the impact of migration and entry of women into labour force ➤ Examined the development of education and intellectual awakening ➤ Understand the knowledge to get jobs in private or public sector
11.	Introduction to Museology	P22HIE2A	<ul style="list-style-type: none"> ➤ Perused the context and concepts of Museum and Museology ➤ Known the Preventive Conservation of museum objects ➤ Understand to Document and classify museum objects ➤ Acquire skills to manage and demonstrate them in museum ➤ Understand the importance of museums and education institutions
12.	Women's Studies	P22HICC31	<ul style="list-style-type: none"> ➤ Understand men and women to recognize the importance of multidimensional role of women in society. • Understand the importance of empowerment of women and to acquaint the students about the Women Rights. • Inspired a positive change in attitude towards the women in social structure • Learned about the measures and initiative of National Commission of Women. • Known the important women for nation building who is empowered the nation
13.	Constitutional History of India	P22HICC32	<ul style="list-style-type: none"> ➤ Understand the Constitutional Developments during British period. • Constitutional development under crowns. • Understand the origin and development Republican Government of India. • Understand Reason for the announcement of independence act. • Features

			of Indian Constitution Act of 1950 and its significance.
14	Historiography and Research Methodology	P22HICC33	<ul style="list-style-type: none"> ➤ Understand the meaning of history and acquire the knowledge of history of historiography. • Understand the medieval historian's contribution to history. • Apply the concepts of history in future historical research and will offer explanations about analytical historical writings. • Able to extract the evidence from primary and secondary sources to evaluate them in historical context. • Understand the method data collection which is very useful for successful historical writings.
15	Human Rights and Duties	P22HICC3A	<ul style="list-style-type: none"> ➤ Understand Human rights education teaches both about human rights and for human rights. Its goal is to help people understand human rights, value human rights, and take responsibility for respecting, defending, and promoting human rights. • Understand that human dignity required more than the minimal lack of interference proposed by the civil and political rights. Social rights. • It works to promote human rights under the international law, specified by the Universal Declaration of Human Rights in 1948. • Understand A human rights violation is the disallowance of the freedom of thought and movement to which all humans legally have a right. • Understand Human Rights are the basic rights which form the essential part of development of human being. Constitution acts as a protector of those basic rights as Fundamental Rights and duties.
16	Epigraphy	P22HIE3A	<ul style="list-style-type: none"> ➤ Understand the meaning and evolution of Epigraphy. • Illustrate the important inscriptions of India. • Identify ancient scripts and also find out new inscriptions. • Demonstrate the ability to apply his knowledge in recognizing the scripts • Evaluate the importance of inscriptions in during the time cholas.
17	Heritage Tourism in India	P22HINM E2	<ul style="list-style-type: none"> ➤ Understand the Heritage tourism creates jobs, provides new business opportunities, helps protect natural resources, and improves the quality of life for residents. • Explore heritage of India and explain how it attracts architectural tourist spot. High value buildings can be seen as the basis for the touristic success of a destination, and therefore influence its economy and society. • Understand the important sculptural centres in India which is attract and reflect critically on their own work and those by others. They learn to act and think like designers and artists, working intelligently and creatively. • Understand different types of music in India and Gain knowledge on heritage on potential

			<p>in which is improve children's memory, cognitive development, learning skills and expressive ability.</p> <ul style="list-style-type: none"> • Understand the economic effects of tourism include improved tax revenue and personal income, increased standards of living, and more employment opportunities
18	India Since 1947 C.E	P22HICC41	<ul style="list-style-type: none"> ➤ Understand the foreign policy of India aims to maintain international peace and security, to oppose imperialism. • Developed technology-enabled assessment and evaluation strategies. • Analyzed the reservation policy, New Economic policy. • Understanding cultural diversity means students will have broad exposure to a variety of social cultures • Learned the important leaders who make the development of India.
19	International Relations Since 1945 C.E.	P22HICC42	<ul style="list-style-type: none"> ➤ Understand the political events and their effects on international relations. • Understand the concept of International politics. • Understand the rise of dictatorship and it evil effects on world politics. • Analyzed the Origin and development of New Economic order. • Illustrated the Development of International Organizations.
20	General Studies for Competitive Examinations	P22HIIBC	<ul style="list-style-type: none"> ➤ Understand the properties of different planets and classify them into rocky and gassy. Students will be able to name the planets in order of distance from the Sun. • Understand economic planning in India is to increase national and per capita incomes. • Understand what a Constitution is and why it is necessary also how Constitutions embody certain ideals. Understand the difference between monarchy, dictatorship and democracy. Learn why there is a need for limits on power in a democratic form of government. • Understanding about the nature of scientific knowledge.. • Understand the condition of present India and world
21	Introduction to Indian Polity	P22HIVAC2	<ul style="list-style-type: none"> ➤ Understand the evolution of the Indian Constitution; • Studied basic structure of the Indian Constitution; • Explored the state and central government administration. • Understand about Federalism in India • Understand the constitutional and non constitutional bodies in India

Name of the Department: **Department of Journalism and Mass Communication**

Academic Year : **2023-2024**

B.A. Journalism and Mass

Communication Programme Specific

Outcome

- To enable students to gain knowledge of the basics of journalism and different types of journalism;
- To make student understand basic concept of Mass communication ;
- To develop skills in news reporting;
- To impart knowledge and develop skills in print and electronic media, photo journalism and videography
- To inculcate the spirit of enquiry, criticism and objectivity;
- To enable student to acquire knowledge and skill to become a successful journalist.

Sl. No	Name of the course	Course code	Programme specific outcome (After completing this course, the students will be able to)
1.	Introduction to Mass Communication	22AACJM1	<ul style="list-style-type: none">➤ Remember and recall the basics of Communication.➤ Remember the different types of media.➤ apply the skills needed to handle the various types of Media.➤ Analyze the models of Communication while working in the media.➤ Evaluate the nature of the various Media participants and audience in his /her profession in media.
2.	Fundamentals of Journalism	22AACJM2	<ul style="list-style-type: none">➤ Introduce the fundamentals of print media to the learners.➤ Inculcate the technical skills of different facets of newspaper industry.➤ Help them to apply the important aspects of elements of news.➤ Enhance the understanding of the organizational structure of media as industry.➤ Enhance them with the skills of preparing the content of newspapers and periodicals.
3.	History of Journalism	22AFACJM1	<ul style="list-style-type: none">➤ Remember the origin of Journalism.➤ Demonstrate the growth of journalism.➤ Apply the important aspects of evolution of Indian Journalism.➤ Analyze the formative factors of Tamil

			<p>Journalism.</p> <ul style="list-style-type: none"> ➤ Evaluate the important milestones of the history of international Journalism.
4.	News Reporting	22ACCJM3	<ul style="list-style-type: none"> ➤ Remember the roles and responsibilities of a reporter. ➤ Demonstrate the fundamental structure of news. ➤ Apply the techniques needed for specialized reporting. ➤ Analyze the skills of art, culture and sports reporting. ➤ Evaluate the various avenues of different types of reporting for media.
5.	News Editing	22ACCJM4	<ul style="list-style-type: none"> ➤ Remember the fundamentals of news room operation. ➤ Demonstrate the techniques needed for editing news. ➤ Apply the techniques in handling copies from different sources. ➤ Evaluate the various avenues of headline writing in Tamil and English dailies. ➤ Analyze the contents of the features and editorials.
6.	Socio Political Issues in India	22AFACJM2	<ul style="list-style-type: none"> ➤ Remember the social problems in India; ➤ Demonstrate the techniques needed to address communalism and secularism. ➤ Apply the techniques in handling articles written about family issues. ➤ Evaluate the various avenues of health and environmental issues. ➤ Analyze the contents of the features and editorials addressing political issues.
7.	Mass Media and Society	22ACCJM5	<ul style="list-style-type: none"> ➤ Remember the features of mass media. • Demonstrate the types of journals • Apply the techniques needed for producing radio news • Analyse the contents of television and film • Evaluate the various angles of impact of media on society
8.	Writing for Media	22ACCJM6	<ul style="list-style-type: none"> ➤ Remember the techniques of radio / TV News Writing • Recall the types of leads for broadcast media • Apply the skills needed for writing for media • Analyse radio/TV content • Evaluate the various script formats
9.	Press Laws and Ethics	22ACCJM7	<ul style="list-style-type: none"> ➤ Remember and recall the legal provisions • Demonstrate the skills of handling the different media with freedom of speech and expression • Apply the security and public safety acts of various states • Analyze the various acts related to publications • Evaluate the scenario of working

			journalists in the context of legal provisions
10.	Advertising and Public Relations	22ACCJM8	<ul style="list-style-type: none"> ➤ Upon successful completion of this course the students would be able: To • Remember the major areas of advertising • Demonstrate the techniques needed for advertising • Apply the skills needed to create advertisements for different media • Analyze the public relations scenario in various sector • Evaluate the different types of pr
11.	Fundamentals of Journalism	16AACJM2	<ul style="list-style-type: none"> ➤ Understands the basics of journalism; ➤ Explains kinds of journalism; ➤ Know citizen journalism; ➤ Assess journalism as a profession
12.	History of journalism	16ACCJM1	<ul style="list-style-type: none"> ➤ Gain knowledge of the background of the Indian press; ➤ Explain the development and role of Indian press in the National Movement; ➤ Evaluate the development of press in post independence period; ➤ Introduction to radio, TV and web journalism;
13.	Mass Media And Society	16ACCJM2	<ul style="list-style-type: none"> ➤ Remember the features of mass media. ➤ Demonstrate the types of journals. ➤ Apply the techniques needed for producing radio news. ➤ Analyze the contents of television and film. ➤ Evaluate the various angles of impact of media on society.
14.	Basics of News Reporting	16AACJM3	<ul style="list-style-type: none"> ➤ Develop skills in reporting for print media, to understand reporter and reporting; ➤ Know basic structure of news; ➤ Explore news sources; ➤ Understand interviewing skills; ➤ Explain types of reporting.
15.	Mass Communication Theories	16AACJM4	<ul style="list-style-type: none"> ➤ Understand communication model and theories; ➤ Know growth of communication models; ➤ Illustrate various theories; ➤ Gain knowledge on mass media effects theory; ➤ Explain press theories.
16.	Mass media and Society	16ACCJM2	<ul style="list-style-type: none"> ➤ Study relationship between mass media and society; ➤ Know basic concepts of society; ➤ Estimate mass media in socialization and media effects upon individuals and society. ➤ Explain economics of the mass media; ➤ Understand media as consciousness industry.

Name of the Department : **DEPARTMENT OF MATHEMATICS**
Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B. Sc MATHEMATICS

- ❖ Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
- ❖ A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- ❖ Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- ❖ Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.
- ❖ Enhancing students' overall development and to equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- ❖ Ability to pursue advanced studies and research in pure and applied mathematical science.
- ❖ Think in a critical manner.
- ❖ Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.
- ❖ Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.
- ❖ Understand, formulate and use quantitative models arising in social science, Business and other contexts.

M.Sc MATHEMATICS

- ❖ Create a hypothesis and appreciate how it relates to broader theories.
- ❖ Evaluate hypotheses, theories, methods and evidence within their proper contexts.
- ❖ Solve complex problems by critical understanding, analysis and synthesis.
- ❖ Demonstrate engagement with current research and developments in the subject.
- ❖ Critically interpret data, write reports and apply the basics of rules of evidence.
- ❖ Select, interpret and critically evaluate information from a range of sources that include books, scientific reports, journals, case studies and the internet.
- ❖ Develop proficiency in the analysis of complex physical problems and the use of mathematical or other appropriate techniques to solve them.
- ❖ Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.

- ❖ Criticize mathematical arguments developed by themselves and others.
- ❖ Communicate effectively by oral, written, computing and graphical means.
- ❖ Recognize the need to engage in lifelong learning through continuing education and research

Course Outcomes of all Programs Offered by the Department

Name of the Programme: B.Sc. Mathematics

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	Differential Calculus and Trigonometry	22SCCMM1	<ul style="list-style-type: none"> ➤ Explain the relationship between the derivative of a function as a function and the notion of the derivative as the slope of the tangent line to a function at a point. ➤ Compare and contrast the ideas of continuity and differentiability. ➤ Find maxima, minima, critical points and inflection points of functions and to determine the concavity of curves. ➤ Convert angles from degrees to radians and vice versa. ➤ Compute the length of a circular arc given the radius and the interior angle. ➤ Understand the definitions of the inverse trigonometric functions, compute the domain and range of the hyperbolic and inverse trigonometric functions and to find exact values of composite functions with inverse trigonometric functions.
2	Integral Calculus and Fourier Series	22SCCMM2	<ul style="list-style-type: none"> ➤ Derive reduction formula and thereby evaluate some standard integrals. ➤ Explain the properties of Beta and Gamma functions and apply it to compute the integral. ➤ Identify odd and even functions and determine Fourier series expansion of these given functions. ➤ Apply change of variable method to evaluate double integral. ➤ Utilize double and triple integral to compute area and volume of a solid.

3	Differential Equations	22SCCMM3	<ul style="list-style-type: none"> ➤ Solve first-order ordinary differential equations. ➤ Solve higher order differential equations. ➤ Solve the Higher order differential equations using methods of variation of parameter. ➤ Solve partial differential equations using Lagrange's Method.
4	Analytical Geometry 3D	22SCCMM4	<ul style="list-style-type: none"> ➤ Gain knowledge about the regular geometrical figures and their properties. ➤ Analyze condition of tangency and find the tangent plane to the sphere. ➤ Examine the condition for the general equation of the cone. ➤ Understand the concept of quadric cone and its properties. ➤ Acquire the basic knowledge of tangents and conicoid.
5	Classical Algebra and Theory of Numbers	22SCCMM5	<ul style="list-style-type: none"> ➤ Know the foundation of Theory of Equations. • Applying the skills to solve problems in operative algebra.
6	Sequence and Series	22SCCMM6	<ul style="list-style-type: none"> ➤ • Determine if an infinite sequence is bounded. • Determine if an infinite sequence is monotonic. • Determine if an infinite sequence is convergent or divergent. • Find the sequence of partial sums of an infinite series. • Determine if a geometric series is convergent or divergent. • Find the sum of a convergent geometric series. • Determine if an infinite series is convergent or divergent by selecting the appropriate test. • Determine if an infinite series converges absolutely or conditionally.
7	Vector Calculus and Laplace Transforms	22SCCMM7	<ul style="list-style-type: none"> ➤ Learn the basic knowledge of vector differentiation and vector integration • Solve vector differentiation and integration problems. • Introduce the basic concepts of Laplace Transforms. • Solve a differential equation by using Laplace Transforms

8	Abstract Algebra	22SCCMM8	<ul style="list-style-type: none"> ➤ Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions. ➤ Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving. ➤ Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems
12	NUMERICAL METHOD WITH MATH LAB PROGRAMMING	16SCCMM9	<ul style="list-style-type: none"> ➤ To learn the exciting world of programming to the students through numerical methods. ➤ Students learn the techniques of MATLAB programming. ➤ Have a clear understanding to solve numerical problems using MATLAB programming.
13	VECTOR CALCULUS AND FOURIER SERIES	16SCCMM7	<ul style="list-style-type: none"> ➤ Students will be able to understand scalar and vector products. ➤ Students will be able to express a function as a Fourier and half range Fourier Series. ➤ Learn the basic knowledge of vector differentiation & vector integration.
14	LINEAR ALGEBRA	16SCCMM8	<ul style="list-style-type: none"> ➤ To learn the importance of linear transformation in Physics, Engineering, Social sciences and various branches of Mathematics. ➤ Learn to find Eigen values and Eigen vectors of a matrix which is used in the study of vibrations, chemical reactions and geometry. ➤ To learn Inner Product spaces and Gram-Schmidt process of orthogonalization.
15	SECOND ALLIED COURSE –III PRINCIPLES OF INFORMATION TECHNOLOGY	16SACCS2	<ul style="list-style-type: none"> ➤ Develop and analyze quality computer applications by applying knowledge of software engineering. ➤ Students learn algorithms, programming, databases and networking. ➤ Pursue advanced knowledge and professional development in the field of information technology.

16	REAL ANALYSIS	16SCCMM1 0	<ul style="list-style-type: none"> ➤ Understand the real number system and countable concepts in real number system. ➤ Provide a Comprehensive idea about the realnumber system. ➤ Understand the concepts of Continuity, ➤ Differentiation and Riemann Integrals.
17	STATICS	16SCCMM1 1	<ul style="list-style-type: none"> ➤ Students know the basic knowledge of equilibrium of a particle. ➤ Develop a working knowledge to handle practical problems. ➤ Particles or body in rest under the given forces. ➤ Forces, equilibrium of a particle and centre of mass of various bodies.
18	OPERATIONS RESEARCH	16SMBEMM 1:1	<ul style="list-style-type: none"> ➤ Solving Linear Programming Problems. ➤ Sequencing of jobs to be carried out based on Cost Optimization. ➤ Solving assignment and transportation problems and Queuing Theory Models.
19	ABSTRACT ALGEBRA	16SCCMM1 2	<ul style="list-style-type: none"> ➤ Students learn the concept of Algebra from the basic set theory and functions etc. ➤ Understand the concept of Group theory and Rings. ➤ Students able to define algebraic structures. ➤ Students will acquire knowledge about the concepts of Sets, Groups and Rings.

20	COMPLEX ANALYSIS	16SCCMM1 3	<ul style="list-style-type: none"> ➤ Students will acquire knowledge about the basic ideas of analysis of Complex Functions in solving Complex Variables. ➤ Understand the functions of complex variables, continuity and differentiation of complex variable functions, $C - R$ equations of analytic functions. ➤ Learn about elementary transformation concepts in complex variable. ➤ Know about complex Integral functions with ➤ Cauchy's Theorem, power series expansions of Taylor's and Laurant's series. ➤ Understand the singularity concepts and residues, solving definite integrals using the residue concepts.
21	DYNAMICS	16SCCMM1 4	<ul style="list-style-type: none"> ➤ The motion of bodies under the influence of forces. ➤ Rectilinear motion of particles, Projectiles, Impact and Moment of Inertia of Particles. ➤ To provide a basic knowledge of the behaviour of objects in motion. ➤ To develop a working knowledge to handle practical problems.
22	GRAPH THEORY	16SMBEMM 2:1	<ul style="list-style-type: none"> ➤ To describe and apply some basic algorithms for graph. ➤ To model real world problems using graph theory. ➤ To learn the notion of graph theory and its applications. ➤ To learn the techniques of combinatorics in Graph Theory.
23	NUMBER THEORY	16SMBEMM 3:2	<ul style="list-style-type: none"> ➤ To highlight the niceties and nuances in the world of numbers. ➤ To prepare the students for coding through congruences. ➤ About the basic structure and properties of integers. ➤ To improve the ability of mathematical thinking.

24	GENDER STUDIES	UGGS	<ul style="list-style-type: none">➤ Identify and analyze the links among gender, sexuality, identity, power, and social justice➤ Identify and analyze intersections among gender and sexuality and other categories of difference, such as class, race, religion, nationality, and physical ability➤ Situate gender and sexuality in broader historical and geopolitical contexts
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Course Outcomes of all Programs Offered by the Department

Name of the Programme: M.Sc. Mathematics

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	ALGEBRA	P22MACC11	<ul style="list-style-type: none"> ➤ Students learn the basic concepts of algebra. ➤ This is very basic course in Mathematics, and it has so many applications. ➤ This course deals with vector spaces, linear maps ,inner products spaces, and higher topics in Linear algebra .
2	REAL ANALYSIS	P22MACC12	<ul style="list-style-type: none"> ➤ The mathematical maturity of students will develop. ➤ The students will gain confidence in proving theorems and solving problems ➤ Student will understand the generalized concept of measure and integration. ➤ Student will understand the need to generalize the concept of integration.
3	ORDINARY DIFFERENTIAL EQUATIONS	P22MACC13	<ul style="list-style-type: none"> ➤ Students will able to solve the problems using multiple approaches and will learn to classify ODEs. ➤ Students will demonstrate an understanding of the theory of ODEs and will work with a variety of applications of ODE. ➤ Students will learn to visualize ODEs in graphical and numerical form. ➤ Student will have a working knowledge of basic application problems described by second order linear differential equations with constant coefficients. ➤ Students will understand the concepts of existence and uniqueness of solutions.
4	GRAPH THEORY	P22MAE1A	<ul style="list-style-type: none"> ➤ Understand some network and colouring in Graph theory . ➤ Apply the understanding and used to model ➤ the atomic variable.

			<ul style="list-style-type: none"> ➤ Apply the concepts of connectivity, Blocks and Hamilton cycles in the real life. ➤ Demonstrate the concept and familiar with the concepts of colouring develop the reader to apply in day- to-day life.
5	COMPLEX ANALYSIS	P22MACC21	<ul style="list-style-type: none"> ➤ This subject is part of analysis. ➤ This subject gives more understanding about analysis in Mathematics ➤ This course involved complex number, properties of them, analytic function, residues, fundamental theorem. ➤ With this course students are prepared to learn about advanced complex analysis
6	LINEAR ALGEBRA	P22MACC22	<ul style="list-style-type: none"> ➤ After learning this course students are ready to learn higher Mathematics, Statistics and computer languages. ➤ This subject is prerequisite for many subjects. ➤ Use computational techniques and algebraic
7	PARTIAL DIFFERENTIAL EQUATIONS	P22MACC2A	<ul style="list-style-type: none"> ➤ Classify partial differential equations and transform into canonical form. ➤ Solve linear partial differential equations of both first and second order. ➤ Identify real phenomena as models of partial derivative equations. ➤ Solve Elliptic, parabolic and hyperbolic differential equations. ➤ Apply specific methodologies, techniques to conduct research and produce innovative results in the area of specialization.
8	STOCHASTIC PROCESSES	P22MAE2C	<ul style="list-style-type: none"> ➤ Demonstrate the basic concepts of stochastic process, Markov chains. ➤ Identify the type of the distribution. ➤ Understand the basics of sampling distribution theory. ➤ Emphasis on estimating a good estimate using unbiased, sufficient, efficient estimates.
9	Topology	P22MACC31	<ul style="list-style-type: none"> ➤ Study and Understand the concepts of metric spaces, topological spaces ➤ Understand the concepts of open bases and open sub bases

			➤ Provide patience to grapple with life outside the campus.
10	Measure Theory and Integration	P22MACC32	➤ Learn the basic concepts of measure and integration. • Comprehend the differences between different types of convergences. • Understand the concepts of Classical Banach Spaces • Learn completeness and approximation in L^p -spaces. • An overview of the central results of the theory of Lebesgue integration.
11	Advanced Numerical Analysis	P22MACC3A	➤ Solve algebraic and transcendental equations using various iterative methods and study the rate of convergence of those problems. • Solve System of Linear Algebraic equations using direct methods and indirect methods. • Solve eigen value problems and study the error analysis. • Perform curve fitting using least square approximation. • Find the numerical value of the derivative of various functions using Euler method and Runge-Kutta method. • Calculate the numerical value of a definite integral using methods like quadrature rules in numerical integration. • Identify the suitable numerical method and perform error analysis.
12	Integral Equations and Calculus of Variations	P22MAE3A	➤ Understand the concepts of variation and its properties. • Use Euler's equation to solve various types of variational problems with fixed boundaries. • • Solve integral equations using Fredholm theorem, Fredholm Alternative theorem and method of successive approximations. • Understand the classical Fredholm theory.
13	Mathematics for Competitive Examinations	P22MANME2	➤ Face competitive examinations with confidence. • Solve a lot of problems on numbers and averages and problems on ages. • Get a lot of training on percentage, profit and loss. • Crack problems on calculating simple interest and compound Interest. • Work on a plenty of problems on time and work. • Get working knowledge on ratios and proportions. • Calculate time, distance, speed given the other two and solve lot of problems. • Acquire problem solving ideas on trains, boats and streams.

	Functional Analysis	P22MACC41	<ul style="list-style-type: none"> ➤ Identify Banach spaces and analyse their properties with other types of spaces. • Examine and identify properties of complex Banach spaces- Hilbert spaces. • Apply the analytical techniques and theoretical knowledge in Hilbert Spaces. Findout and determine orthonormal sets. • Explain various properties of Hilbert spaces. • Attain knowledge and experience of working with many pure mathematical problems.
14	Differential Geometry	P22MACC42	<ul style="list-style-type: none"> ➤ Have a solid understanding of the subjects, linear algebra, multivariable calculus and differential equations and a basic knowledge of theoretical physics. • Sketch and workout graphs, level sets, tangent space and surfaces of given smooth maps. • Good knowledge on calculus of vector fields. • Understand how Gauss map helps to identify the surfaces that are mapped onto the unit n-sphere. • Describe surfaces as a solution sets of differential equations. • Exhibit geodesics on surfaces. • Learn how parametrizations of plane curves can be used to evaluate integrals over the curve. • Compute the Gaussian curvature of various surfaces.
15	Fluid Dynamics	P22MACC43	<ul style="list-style-type: none"> ➤ Understand the basic ideas of fluid velocity, streamlines and rotational and irrotationalflows. • Understand the meanings of fundamental terms like pressure and body force. • Develop special mathematical methods involving images and complex variables for incompressible fluids. • Derive images in three dimension. • Solve problems using Milne-Thomson circle theorem. • Understand Navier's stokes of motion • Unify many developed principles. • Solve problems related with cosmic electrodynamics and nuclear engineering.

16	Theory of Probability	P22MAE4A	<ul style="list-style-type: none"> ➤ Understand Probability axioms and find conditional probabilities for lot of cases • Compute expectations and moments on a number of distributions. • Gain mastery in the important probability distributions, viz., Binomial, Poisson and Normal.
18	PROJECT WORK	P22MAPW	<ul style="list-style-type: none"> ➤ Selection of the field of study, Topic & research design ➤ Literature Collection & Data Collection Analysis & Conclusion Preparation of rough draft ➤ Inculcate a taste for research in Mathematics. ➤ Develop oral and written presentation skills.

Name of the Department : **DEPARTMENT OF SOCIAL WORK**

Academic Year : **2023 – 2024.**

Programme Specific Outcomes:

- Identify oneself as a professional social worker and conduct oneself accordingly by applying social work values and ethical principles to guide professional practice and develop a strong foundation of theoretical knowledge of Social Work and generate purposive and progressive ideas through the application of the knowledge, aptitude, and skills in the field of Social Work.
- Analyze causes and consequences of social problems at the individual, family, community and societal levels, and evolve appropriate intervention strategy/schemes for amicable solving and prevention besides formulating, advocating, and assessing the impact of relevant social policies that advance social well-being.
- Understand human behavior in the social environment and apply it to guide the processes of assessment, intervention, and evaluation of social dynamics and apply the knowledge gained in the process to understand the individual and social environment and provide counselling to individuals, families, groups, etc.
- Perform successfully in the chosen careers that require Social Work knowledge, aptitude and skills and gain sufficient self-awareness to eliminate the influence of personal biases and values in working with diverse groups and understand the forms and mechanisms of oppression and discrimination and deal with them appropriately.
- Develop social work skills and use tools of Social Work to solve individual, family, group or community problems and perform tasks in Social Welfare Organizations (Government/Voluntary Agencies, Academic/Research/Clinical/ Industrial Concerns, Correctional Institutions, Communities and the like) by adapting various Intervention Techniques like Supportive Techniques, Reflective Performance and Direct Influence and use appropriate verbal and written communication in community/ agency setting with clients, staff and community stakeholders.
- Develop skills to float and administer a voluntary service organization and administer social welfare organizations and perform the tasks of Planning, Organizing, Staffing, Directing, Coordinating, Reporting and Budgeting (POSDCORB) with good social, communication, and interpersonal skills.
- Engage in research on psycho-social problems/issues affecting individuals, families, groups, organizations, communities, etc., by adopting scientific research methodology and using research evidence to address the issue at hand, conduct social impact assessment surveys and evaluation of projects and prepare, use and maintain of records as positions held and institutions served.

S. No	Name of the course	Course code	Course Outcomes (After completing this course, the students will be able to)
1.	Introduction to Social Work and Society	P22SWCC11	<ul style="list-style-type: none"> ➤ Identify the basic elements of social work profession ➤ Define the socio-religious ideologies, values and ethics of social work ➤ Distinguish between social work and social service ➤ Hold knowledge of sociology for social workers ➤ Compare and contrast social work profession
2.	Social Case Work and Group Work	P22SWCC12	<ul style="list-style-type: none"> ➤ To understand the values, Principles and scope of Social Case Work and Social Group Work to develop the capacity to practice them ➤ To understand and apply the approaches & models of Case Work / Group work practice in different settings ➤ To develop an understanding of and an ability to adopt a multi-dimensional approach in assessment and interventions
3.	Field Work Practice	P22SWCC1P	<ul style="list-style-type: none"> ➤ Community interaction skills, • Communication skills, • Presentation skills, • Analytical skills, • Team work, • Project planning and implementation; • Leadership, initiative and motivation • Coordination and cooperation • Identification and mobilization of resources • Implementation and evaluation • Public relations and Liaison; Documentation and presentation.
4.	Development Psychology	P22SWCC1A	<ul style="list-style-type: none"> ➤ Explore the developmental stages of life span as a product of social, psychological and biological factors • Construct strategies by applying the psychological concepts, to enhance human development • Detect the factors influencing personality Development on different stages.

5.	Green Social Work	P22SWE1A	<ul style="list-style-type: none"> ➤ Analyze the relevance of Green social work for social work practice. • Understand the basic concepts and professionalism in green social work. • Determine the forest and water resources. • Infer the food conservation, Population and environment and Green social work • Explain the Legal provisions and Issues of the environment • Understand the Rehabilitation, disaster management and Role of Community Organization in Green social work
6.	Community Organisation and Social Action	P22SWCC21	<ul style="list-style-type: none"> ➤ To gain knowledge on different communities and different lifestyle of communities. • To have familiarity on community organization as direct method of Social Work. • To equip with various methods of community organization. • To gain familiarity in the application of community organization for the welfare of community people. • To perceive the strategies thoroughly by applying Social Action as a method of Social Work.
7.	Social Work Research and Social Statistics	P22SWCC22	<ul style="list-style-type: none"> ➤ Explain the concepts of social research and social work research • Formulate research problem • Design Research and Sampling. • Plan sources and methods of data collection • Analyse data.
8.	Concurrent Field Work Practice	P22SWCC2P	<ul style="list-style-type: none"> ➤ Understood both the agency and the clients as systems. • Developed knowledge of administrative procedures, • Learned programme management and utilizing skills in practice. • Developed problem-solving skills. • Utilized instructions in professional practice. • Enhanced professional social work trainee.
9.	Correctional Social Work	P22SWCC2A	<ul style="list-style-type: none"> ➤ Assume the concept, Institutional protection for children and young offenders • Infer the Institutional systems, functions of correctional administration. • Apply the knowledge base on the Apply the knowledge base on the Correctional Laws: Corrective measures as per Criminal Procedure Code, Probation of Offenders Act, Juvenile Justice. • Examine the legal-aid schemes, Right to Information Act and Public Interest Litigation Provisions and implementations. • Acquire the skills of dealing with Institutional Treatment for Released Offenders and Convicts • Initiate Social Work interventions with under: trials, prisoners,

			rehabilitation of prisoners, work with families of prisoners, work with victims of crime
10.	Rehabilitation and Resettlement	P22SWE2A	<ul style="list-style-type: none"> ➤ To have better knowledge on Resettlement and Rehabilitation • To involve in development activities for the displaced persons. • To understand the necessary approaches regarding Resettlement and Rehabilitation. • To perceive basic concepts to minimize the problems associated with resettlement to have better knowledge on planning and participatory approaches. • To have better knowledge on Planning and participatory approaches
11.	Social Welfare Administration and Social Legislation	P22SWCC31	<ul style="list-style-type: none"> ➤ Understand the basic concept, meaning, nature of social welfare administration as a method of Social Work • Understand the provisions of the Indian constitution for creating effective laws in the various fields, especially for marginalized and vulnerable people • Familiarize various laws in India and its provision and procedure • Understand the legal literacy system and strategies of India for the betterment of the community • Understand social legislation as an instrument for Social Work
12.	RURAL COMMUNITY DEVELOPMENT	P22SWCC32A	<ul style="list-style-type: none"> ➤ To describe the conceptual framework related to Rural Community Development. • To Deliberate on basic concepts of Rural Community development. • Classify the needs and significance of Rural community development. • To analyze the policies of programmes of Rural Community Development. • To have familiarity with legislative provisions related to rural Community Development.
13.	Concurrent Field Work	P22SWCC3P	<ul style="list-style-type: none"> ➤ Increase the coping capacity of all clients by effectively utilizing the problem-solving model. • Participate fully in contribution to the modification/formulation of various social policies or influencing most social policies from its formative stage. • Create awareness by educating, advocating, and concentrating on conscientizing the society to utilise available human and materials resources effectively. • Harmonizing human relationships in their physical and social environments through rehabilitation, reconciliation, and re-integration, where and when necessary. • Help in rural transformation by making rural life more meaningful to the people by helping them to achieve self-reliance.

14.	Tribal Community Development	P22SWCC3A	<ul style="list-style-type: none"> ➤ To describe the nature and types of tribal community. • To have familiarity with the Social system of tribal community. • To evaluate the tribal development administration. • To analyze the problems and programmes for the tribal community. • To have clarity on development programmes and legislations for the welfare of tribal community.
15.	Development Communication	P22SWE3A	<ul style="list-style-type: none"> ➤ To understand the concepts of development and communication. • To classify different methods of communication. • To evaluate the theories and models of communication. • To examine the approaches for the benefit of different target groups. • To have deep knowledge on communication research.
16.	Urban Community Development	P22SWCC41A	<ul style="list-style-type: none"> ➤ To describe the basic aspects of Urban Community Development. • To have familiarity with institutions related to Urban Communities. • To Classify the needs & significance of Urban Community Development. • To Examine the policies & programmes related to Urban Community Development. • To analyze the administration and governance of Urban Community Development.
17.	Project Management	P22SWCC42A	<ul style="list-style-type: none"> ➤ To understand about projects. • To explain project planning. • To familiarize with project management tools. • To have clarity on project evaluation and completion. • To have deep knowledge on good project.

18.	Concurrent Field Work Practice	P22SWIBCP	<ul style="list-style-type: none"> ➤ Increase the coping capacity of all clients by effectively utilizing the problem-solving model. <ul style="list-style-type: none"> • Participate fully in contribution to the modification/formulation of various social policies or influencing most social policies from its formative stage. • Create awareness by educating, advocating, and concentrating on conscientizing the society to effectively utilise available human and materials resources. • Harmonizing human relationships in their physical and social environments through rehabilitation, reconciliation, and re-integration, where and when necessary. • Help in rural transformation by making rural life more meaningful to the people through helping them to achieve self-reliance.
19.	Human Rights	P22SWVAC2	<ul style="list-style-type: none"> ➤ Understand the basic concepts of human rights • Know the fundamental rights and UN Declaration of Human rights • Know the vulnerable groups • Know public interest Litigation (PIL), Legal aid and Protection of Human rights Act • Educate the disabled people about their rights • Analyse the human rights issues

Name of the Department : DEPARTMENT OF MIB
Academic Year : 2023-2024

M.I.B. - MASTER OF INTERNATIONAL BUSINESS

Programme Outcomes

- Identify the key issues, facing a business or business sub division.
- Utilize qualitative and quantitative methods, to investigate and solve critical business problems.
- Integrate tools and concepts from multiple functional areas (i.e. finance, marketing, operations, etc.) to solve business problems.
- Integrate ethical considerations into business models.
- Incorporate multi-cultural perspectives while making business decisions.
- Adopts a global perspective to understand cultural differences influencing businesses.
- Integrate concepts from various disciplines, to develop business strategies.
- Cultive the skills required to work effectively in a team-based environment.
- To negotiate effectively in order to achieve organizational and individual goals.

Programme Specific Outcomes

- Systematic understanding of globalization and its impact on people, businesses and the economy.
- An ability to critically understand current issues (e.g., diversity, social responsibility, sustainability, innovation, knowledge management, etc.) in business.
- An ability to function effectively on multi-disciplinary teams (Team Work).
- An ability to analyze a problem and adopt appropriate managerial skills for obtaining its solution.
- An ability to communicate effectively, both in writing and orally (speaking / writing skills).
- An ability to recognize the importance of professional development by pursuing postgraduate studies or face competitive examinations, that offer challenging and rewarding careers in management.
- An ability to have a holistic approach towards management functions.
- An ability to practice ethical standards in business.

S. NO	Name of the course	Course code	Course Outcomes (After completing this course, the students will be able to)
1.	Global Business Environment	P22IBCC11	<ul style="list-style-type: none"> ➤ Explain the concepts in international business, with respect to foreign trade/international business. ➤ To evaluate the global business environment in terms of economic, social and legal aspects. ➤ Analyze the principle of international business and strategies adopted by firms to expand globally. ➤ Critically evaluate the Global business environment suitable for different trade goals in different time spans. ➤ Compare and contrast cultures and societies globally using socioeconomic and cultural frameworks.
2.	India's Foreign Trade and Legislations	P22IBCC12	<ul style="list-style-type: none"> ➤ Understand foreign trade issues and challenges and identify the foreign trade goals. ➤ Critically evaluate the global economics scenario, suitable for different trade goals in different time span. ➤ Apply appropriate trade mechanism to manage foreign trade in India. ➤ Analyze regional economic co-operation and its impact. ➤ Understand various dimensions of economic regionalism and foreign trade.

3.	Accounting For Managers	P22IBCC13	<ul style="list-style-type: none"> ➤ Explain the concept of fundamental financial concepts, especially time value of money. ➤ Apply capital budgeting projects, using traditional methods. ➤ Analyze the main ways of raising capital and their respective advantages and disadvantages in different circumstances. ➤ Analyze the complexities associated with management of cost of product and services in the Organization. ➤ Demonstrate how the concepts of accounting and costing could integrate while identification and resolution of problems pertaining to the sector.
4.	Managerial Economics	P22IBCC1A	<ul style="list-style-type: none"> ➤ Apply the knowledge of the mechanics of supply and demand to explain working of markets. ➤ Describe how changes in demand and supply affect markets. ➤ Understand the choices made by a rational consumer. ➤ Explain relationships between production and costs. ➤ Define key characteristics and consequences of different forms of markets
5.	Enterprise Resource Planning	P22IBE1A	<ul style="list-style-type: none"> ➤ Make basic use of enterprise software, and its role in integrating business functions. ➤ Analyze the strategic options for ERP identification and adoption. ➤ Design the ERP implementation strategies. ➤ Create reengineered business processes for successful ERP implementation.

6.	Investment Management	P22IBVAC1	<ul style="list-style-type: none"> ➤ Understand the various alternatives available for investment. ➤ Learn to measure risk and return. ➤ Gain knowledge of the various strategies, followed by investment practitioners. ➤ Understand the characteristics of different financial assets such as money market instruments, bonds, and stocks, and how to buy and sell these assets in financial markets. ➤ Critically discuss client objectives and the investment policy statement.
7.	Forex Management	P22IBCC21	<ul style="list-style-type: none"> ➤ Explain the general provision provided in India's foreign trade policy. ➤ Build conceptual and applied knowledge for export import related issues and related procedures and documentation. ➤ Apply the required skills to develop a sustainable international business. ➤ Understand the historical development of the foreign exchange market. ➤ Describe the different foreign exchange regimes (free float, managed float etc.)
8.	Computer Applications in Business	P22IBCC22	<ul style="list-style-type: none"> ➤ Gain familiarity with the concepts and terminology used in the development, implementation and operation of business application systems. ➤ Investigate emerging technology in shaping new processes, strategies and business models. ➤ Achieve hands-on experience with productivity/application software to enhance business activities. ➤ Accomplish projects utilizing business theories, internet resources and computer technology. ➤ Work with simple design and development tasks, for the main types of business information systems

9.	Quantitative Techniques for Management Decisions	P22IBCC23	<ul style="list-style-type: none"> ➤ Translate a formal quantitative approach to problem solving and decision making skill sets. ➤ Apply the concepts of probabilistic distributions in solving problems. ➤ Recall the knowledge of hypothesis testing for large and small samples. ➤ Extend the ability to solve linear programming problems by graphical and simple methods. ➤ Outline quantitative models to decision making and problem analysis, and their interpretations in transportation problems and game theory.
10.	Strategic Management	P22IBCC2A	<ul style="list-style-type: none"> ➤ Knowledge in major theories, background work, concepts and research output in the field of strategic management. ➤ Understanding of the concepts, tools & techniques, used by executives, in developing and executing strategies. ➤ Effective application of concepts, tools & techniques to practical situations for diagnosing and solving organizational problems. ➤ Develop and prepare organizational strategies that will be effective for the current. ➤ Business environment Devise strategic approaches to managing a business successfully in a global context.
11.	Tourism Management	P22IBE2A	<ul style="list-style-type: none"> ➤ Apply the concepts and skills necessary to achieve guest satisfaction. ➤ Demonstrate leadership and team work to achieve common goals. ➤ Understand fundamentals of tourism from the management, marketing and financial perspectives. ➤ Understand the concepts of travel and tourism, the framework of the system, types and form of tourism as well as the impacts of tourism. ➤ Describe the different type's tourism resources of India, their importance in tourism and management.

12.	Export and Import Management	P22IBNME1	<ul style="list-style-type: none"> ➤ To understand the concept of foreign exchange. ➤ To understand the documentation procedures for Export Import. ➤ Appreciate the role of export/import process in the globalized world market. ➤ To have a broad overview of the export-import process and its related literature and research streams. ➤ Understanding of the importance of export management and adaptation of the knowledge to country conditions.
13.	International Supply Chain Management	P22IBCC31	<ul style="list-style-type: none"> ➤ Grasp essential concepts in supply chain management. · Assess and oversee an efficient supply chain. · Recognize the key role of logistics in transportation and warehousing. · Ensure alignment between supply chain management and corporate objectives and strategies. · Analyze and enhance supply chain processes.
14.	Research Methods for Business Management	P22IBCC32	<ul style="list-style-type: none"> ➤ Understanding a general definition of research design. · Identifying the overall process of designing a research study from its inception to its report. · Familiarity with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research. · Understanding the primary characteristics of quantitative research and qualitative research. · Identify a research problem stated in a study.
15.	International Financial Management	P22IBCC33	<ul style="list-style-type: none"> ➤ Understand both the theoretical and practical role of financial management in business corporations. · Analyse the finances of individual corporations, both in terms of their performance and capital requirements · Have a greater appreciation and understanding of the importance of risk within the context of financial decision making. · Access financial information from a wide variety of sources and use this information to research and assess corporations. · Evaluate the role and importance of shareholders within modern corporations

16.	Export Management	P22IBE3A	<ul style="list-style-type: none"> ➤ Develop network thinking with reference to export, which includes the role of import in relation to export, including the role of business relationships with customers, suppliers, supporting actors such as consultants, financial institutions, logistics service providers. · Appreciate the role of export/import process in the globalised world market. · Broad overview of the export-import process and its related literature and research streams. · To create export and import plans. · To understand the role of export and import at a societal level.
17.	Digital Marketing	P22IBNME2	<ul style="list-style-type: none"> ➤ To examine and explore the role and importance of digital marketing in today's rapidly changing business environment. · To focus on how digital marketing can be utilised by organisations. · To know the key elements of a digital marketing strategy · To study how the effectiveness of a digital marketing campaign can be measured · To demonstrate advanced practical skills in common digital marketing tools such as SEO, SEM, Social media and Blogs.
18.	Cross Cultural Business Management	P22IBCC42	<ul style="list-style-type: none"> ➤ Evaluate different definitions and models of culture · Generate strategies for working with individuals from different national cultures · Acquire the soft skills needed to manage in a global context · Learn to manage cultural differences in applications such as cross – border alliance. · Apply effective managerial process including planning, organizing, staffing, coordinating, and monitoring workers in a global context
19.	Entrepreneurial Development	P22IBIBC	<ul style="list-style-type: none"> ➤ Have the ability to discern distinct entrepreneurial traits · Know the parameters to assess opportunities and constraints for new business ideas · Understand the systematic process to select and screen a business idea · Design strategies for successful implementation of ideas · Analyse the business environment in order to identify business opportunities
20.	Cross Cultural Business Management	P13IB24	<ul style="list-style-type: none"> ➤ Recognize socio -cultural factors and understand their effect on individuals, organisations and the business environment
21.	WTO - Constitution and Operation	P22IBVAC2	<ul style="list-style-type: none"> ➤ Learn about the basic principles of International Trade Law. · Explain about the basic functioning of WTO, GATT and GATS. · Understand Dispute Settlement Mechanism procedures. · Understanding sale of goods and international commercial contracts. · Learn various contemporary developments in the field.

Name of the Department : **DEPARTMENT OF PHYSICS**
Academic Year : **2023-2024**

B.Sc. PHYSICS OUTCOMES

Students

- Will understand the basic laws and explore the fundamental concepts of Physics.
- Will acquire the knowledge on the concepts and the significance of the various Physical phenomena.
- Will be able to carry out experiments to understand the laws and concepts of Physics.
- Will apply the theories learnt and the skills acquired to solve real time problems.
- Will acquire a wide range of problem solving skills, both analytical and technical and apply them.
- Will enhance the student's academic abilities, personal qualities and transferable skills that will give them an opportunity to develop them as a responsible citizen.
- Will produce graduates who excel in the competencies and values required for leadership to serve a rapidly evolving global community.
- Will motivate the students to pursue PG courses in reputed institutions.
- This course exposes the students to the experimental methods of Physics.
- Will emphasis on laboratory techniques such as the importance of accuracy of measurements.
- Will provide a hands-on learning experience such as measurements in basic concepts of properties of matter, heat, optics, electricity, electronics and etc.

Programme Outcomes

Students will

- Acquire adequate knowledge of the subject.
- Craft a foundation for higher learning.
- Be initiated into the basics of research.
- Imbibe sound moral and ethical values.

- Become conscious of environmental and societal responsibilities.
- Attain skills for communication and career.
- Learn to tolerate diverse ideas and different points of view.
- Become empowered to face the challenges of the changing universe.

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Properties of Matter and Acoustics	22SCCPH1	<ul style="list-style-type: none"> ➤ Differentiate the moduli of elasticity of different materials. ➤ Analyze the moduli of elasticity of materials made in the form of beams. ➤ Understand the practical applications of surface tension in real life. ➤ Acquire the knowledge of the flow of liquids based on their viscous nature and the variation of viscosity with temperature and pressure. ➤ Understand the various characteristics of sound and their practical implications.
2.	Properties of Matter – Practical	22SCCPH1P	<ul style="list-style-type: none"> ➤ Use the measuring instruments for accurate measurement of physical quantities required for the experiment. ➤ Know the elastic properties of structural materials from the experimental results. ➤ Realize practically the properties of liquids such as surface tension and viscosity. ➤ Acquire the experimental skill of verifying laws in Physics. ➤ Understand experimentally the vibrations of stretched strings.

3.	Mechanics and Theory of Relativity	22SCCPH2	<ul style="list-style-type: none"> ➤ Use the principles of projectiles to explain the manner in which gravity affects a projectile motion. ➤ Gain a deeper knowledge of mechanics and its fundamental concepts. ➤ Acquire the knowledge of gravitational force between objects and the centre of mass of objects. ➤ Learn rigid body dynamics in terms of moment of inertia and also analyze the center of gravity of different bodies. ➤ Analyze the special theory of relativity and its applications.
4.	General Physics I – Practical	22SCCPH2P	<ul style="list-style-type: none"> ➤ Know the techniques of handling laboratory instruments. ➤ Evaluate a process based on the results obtained from the experiments quantitatively and qualitatively. ➤ Use the results of an experiment to describe a phenomenon. ➤ Develop the capacity of experimenting collaboratively and ethically. ➤ Acquire the skill of analyzing the properties of materials.
5.	Thermal Physics	22SCCPH3	<ul style="list-style-type: none"> ➤ Recall the different specific heat capacities of matters. • Understand the Maxwell's thermodynamic relations to relate the fundamental and derived quantities. • Apply the knowledge of conduction of heat in practical applications. • Use Stefan's constant to evaluate temperature of sun at a particular place. • Analyze the different principles used in liquefaction of gases

6.	General Physics II – Practical	22SCCPH3P	<ul style="list-style-type: none"> ➤ Realize practically some phenomena of Physics. • Acquire the skill of handling instruments. • Develop the observation and circuit drawing skills. • Enhance the skill of performing process-oriented experiments. • Verify the laws in Physics through experimental results.
7.	Electricity and Magnetism	22SCCPH4	<ul style="list-style-type: none"> ➤ Understand fundamental laws of electricity and magnetism • Analyze the calibration of electrical instruments. • Verify the laws of electromagnetic induction • Apply the knowledge of electricity and magnetism towards technological applications • Differentiate magnetic materials
8.	Electricity – Practical	22SCCPH4P	<ul style="list-style-type: none"> ➤ Analyze the electrical parameters of some electrical components. • Carry out electrical experiments with better understanding. • Develop observation and circuit drawing skills. • Enhance the skills of troubleshooting electrical circuits. • Calibrate some electrical instruments
9.	Optics	16SCCPH5	<ul style="list-style-type: none"> ➤ Students will know about the fundamental laws concerning reflection, refraction, interference, diffraction, polarization, spectrum and other light phenomena ➤ Students will be familiar about Coma, Chromatic Aberration ➤ Students will know about Air wedge, Newton’s Rings, Holography, Hologram ➤ Students will know about Grating, Resolving power and Dispersive power ➤ Application Oriented Nicol prism, polarimeter will be known to students

			Instruments like microscope, astronomical telescope, Prism binoculars will be well known to students
10.	Atomic and Molecular Physics	16SCCPH6	<ul style="list-style-type: none"> ➤ Students understand the outgrowth of the structure extra nuclear part of the atom and origin of the spectra ➤ Students know the basics of cathode rays, Mass defect and Packing fraction ➤ Students know the various atom models, Pauli's exclusion principle, Zeeman effect and Stark effect ➤ Students know about X-ray, Moseley's law, Compton effect ➤ Students know the applications of Photoelectric effect, Photovoltaic cell, Photoconductive cell. ➤ Students Know the principles of LASER their applications, Theory of ESR
11.	Electronics	16SCCPH7	<ul style="list-style-type: none"> ➤ Students understand all aspects of electronics in a lucid and comprehensive manner ➤ Students know the basic idea of PN junction diode, Rectifiers,
12.	Material Science	16SMBEPH1	<ul style="list-style-type: none"> ➤ Students develop the knowledge in material science and understand the relationship between properties and material characteristics ➤ Students understand the Crystal types, Diamond structure and Bonding in solids ➤ Superconductivity, their types and Applications are well understood by the students ➤ Students understand the concept of Nanomaterials, Applications of Nanomaterial, Carbon nanotubes their applications ➤ Recent development in material science like SAW materials, SMART Materials, Optical materials are understood by the students ➤ Students understand the mechanical

			behaviour of materials like creep, fracture, heat treatment
13.	Nuclear Physics	16SCCPH8	<ul style="list-style-type: none"> ➤ Students understand the nuclear forces and models, elementary
14.	Material Science	16SMBEPH1	<ul style="list-style-type: none"> ➤ Students develop the knowledge in material science and understand the relationship between properties and material characteristics ➤ Students understand the Crystal types, Diamond structure and Bonding in solids ➤ Superconductivity, their types and Applications are well understood by the students ➤ Students understand the concept of Nanomaterials, Applications of Nanomaterial, Carbon nanotubes their applications ➤ Recent development in material science like SAW materials, SMART Materials, Optical materials are understood by the students ➤ Students understand the mechanical behaviour of materials like creep, fracture, heat treatment
15.	Nuclear Physics	16SCCPH8	<ul style="list-style-type: none"> ➤ Students understand the nuclear forces and models, elementary Digital Computer, Hardware, Software, RAM, ROM ➤ Intel 8085 and its Architecture, Various registers, Status flags, Application programs like Addition, subtraction, multiplication, Ascending and descending order are explained ➤ Basics of C Language variables, operators and mathematical functions are explained <p>Students understand about the decision</p>

			making loops like while...do, if...else and Arrays
16.	Communication Physics	16SMBEPH3	<ul style="list-style-type: none"> ➤ To enable students to update themselves in various communication systems ➤ Students understands the types of modulation, AM,FM Transmitter and receiver ➤ Students knows basics of fiber optic communication, fiber opticsensor, temperature sensor, fiberoptic endoscope ➤ Students understands the principles of RADAR and SatelliteCommunication ➤ Students update themselves by knowing the concepts like GSM,VSAT,IPTV and Wi Fi 3G

Course outcomes of all programmes offered by the department name of the programme:

M.Sc. Physics

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Classical Mechanics	P22PYCC11	<ul style="list-style-type: none"> ➤ Solve problems involving Lagrangian and Hamiltonian mechanics. ➤ Attain sound knowledge of the basic formalism and geometric aspects of classical mechanics. ➤ Understand the usefulness of variational calculus in formulating the mechanical laws of motion. ➤ Find solutions to problems in the normal mode analysis and its applications. ➤ Get familiarized with the dynamical systems.

2.	Mathematical Physics	P22PYCC12	<ul style="list-style-type: none"> ➤ Acquire the essential mathematical skills to solve problems in various branches of physics. ➤ Understand the usefulness of vector integration theorems and their utility in solving physics problems arising in electromagnetic theory and other branches of physics. ➤ Know the usefulness of matrices and matrix operations in solving physics and engineering problems. ➤ Attain sound knowledge of classical orthogonal polynomials and their applications in quantum physics. ➤ Solve various kinds of differential equations that model a variety of natural systems.
3.	Analog and Digital Electronics	P22PYCC1A	<ul style="list-style-type: none"> ➤ Understand the basic principle and the underlying concepts of electronic devices. ➤ Gain a clear understanding of the operations of electronic circuits. ➤ Design and analyze electronic circuits. ➤ Learn the applications of the operational amplifier and IC 555 and demonstrate them in timer. ➤ Realize the digital circuits and communication circuits.
4.	Optoelectronics	P22PYCC1B	<ul style="list-style-type: none"> ➤ Explain the working mechanisms of various types of LEDs. ➤ Comprehend the fundamentals of the coherent light source (LD). ➤ Explain the working principles of various types of photodetectors and apply them to design various modulators. ➤ Analyze the various types of fiber sensors. ➤ Understand the digital circuits and communication circuits.

5.	General Physics and Electronics I Lab	P22PYCC1P	<ul style="list-style-type: none"> ➤ Understand the different moduli using elliptical fringes. ➤ Gain knowledge of the Hydrogen spectrum. ➤ Comprehend the principle of Hall Effect. ➤ Appreciate the operation of multivibrators using 555 Timer. ➤ Work on analog and digital circuits.
6.	Computational Physics with C++	P22PYE1A	<ul style="list-style-type: none"> ➤ Know about curve fitting, interpolation, and linear and nonlinear equations. ➤ Numerically integrate and differentiate. ➤ Use C ++ language constructs for numerical computation. ➤ Apply numerical methods to solve and visualize physical problems. ➤ Develop an idea to write a programme using python.
7.	Physics Simulations with Python	P22PYE1B	<ul style="list-style-type: none"> ➤ Familiarize with Python language. ➤ Understand the basics of Python. ➤ Acquaint with different Python modules. ➤ Use numerical methods to solve and visualize the physical problems. ➤ Develop ideas to write a programme using python.
8.	Research Publication and Ethics	P22PYVAC1	<ul style="list-style-type: none"> ➤ Know about the publication ethics and publication misconducts. ➤ Understand the research ethics and research integrity. ➤ Understand research misconduct and predatory publications. ➤ Differentiate citation databases, open access publication and research metrics. ➤ Use plagiarism and open source software tools.
9.	Quantum Mechanics	P22PYCC21	<ul style="list-style-type: none"> ➤ Understand the foundations of Quantum Mechanics. ➤ Develop skills to solve Schrödinger's equation with various potentials. ➤ Familiarize with the Dirac notations and operator algebra. ➤ Acquire knowledge about the theory of identical particle and spins. ➤ Learn quantum mechanical angular momentum theory.

10.	Thermodynamics and Statistical Mechanics	P22PYCC31	<ul style="list-style-type: none"> ➤ Calculate the thermo dynamical quantities, theoretically, using different methods. • Construct partition function for a system in thermal equilibrium and calculate the corresponding thermo dynamical quantities. • Apply ensemble approach to solve classical and quantum thermodynamic systems. • Explain Bose-Einstein condensation and its applications. • Demonstrate the ensemble approach to different physical problems like Black body radiation, white dwarfs, etc.
11.	Solid State Physics	P22PYCC32	<ul style="list-style-type: none"> ➤ Apply the knowledge of crystal structure to various types of crystalline solids, electrical and magnetic materials. • Differentiate various solid materials based on their properties and the learnt theories. • Analyse the magnetic dielectric and optical properties of materials. • Understand the peculiar properties of superconducting materials. • Know new materials and their practical applications.
12.	Advanced Quantum Mechanics	P22PYCC3A	<ul style="list-style-type: none"> ➤ Understand three approximation methods. • Compute the correction in energy using the approximation technique. • Apply the approximation method to the stationary state problem. • Appreciate the relativistic effect in quantum mechanics. • Acquire basic knowledge of atomic and molecular structures.
13.	Microprocessor and Programming in C++ (Practical)	P22PYCC3P	<ul style="list-style-type: none"> ➤ Acquire hands-on knowledge of Microprocessor programming • Understand DAC and ADC interfacing. • Gain Knowledge of Traffic control systems. • Acquire hands-on knowledge of C++ Programming. • Determine the eigenvalues of the harmonic oscillator numerically.

14.	Physics of Nanomaterials	P22PYE3A	<ul style="list-style-type: none"> ➤ Explain how the Nano-sized materials differ from bulk materials. <ul style="list-style-type: none"> • Classify the synthesizing techniques suitable for different Nano-structured materials. • Make use of the available instruments to study the properties of nanomaterials. • Assess the effect of grain sizes on various properties of nanomaterials. • Interpret the results of physical and chemical properties measurements.
15.	Crystal Growth and Thin Film Physics	P22PYCC41	<ul style="list-style-type: none"> ➤ Understand the various techniques of crystal growth. <ul style="list-style-type: none"> • Acquire knowledge in the fields of thin films. • Gain the knowledge of thin film preparation processes through physical and chemical methods. • Know the working principles of characterization techniques. • Comprehend the properties and applications of thin films
16.	Nuclear and Particle Physics	P22PYCC42	<ul style="list-style-type: none"> ➤ Know the ground state of deuteron and the nature of nuclear forces. <ul style="list-style-type: none"> • Understand the nuclear models. • Appreciate the theory behind the nuclear decay process. • Comprehend the physics of nuclear reaction. • Have some idea about the Symmetry classification of elementary particles and quarks.
17.	Analytical Characterization Techniques	P22PYIBC	<ul style="list-style-type: none"> ➤ Understand the various processes of structural characterizations. <ul style="list-style-type: none"> • Realize how to use the instruments practically and theoretically. • Understand spectral, optical, and thermal characterizations. • Use advanced characterizations for analyzing particles. • Characterize the sample with appropriate characterization techniques.

18.	Medical Instrumentation	P22PYVAC2	<ul style="list-style-type: none">➤ Gain knowledge on various sensing and measurement devices of electrical origin.• Understand the Bio potential recorders.• Learn modern methods of imaging techniques and their analysis.• Explain the medical assistance/techniques and therapeutic equipments.• Recognize the significance of biomedical instrumentation field of study.
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Name of the Department : **DEPARTMENT OF PSYCHOLOGY**

Academic Year : **2023-2024**

Program Outcome and Program Specific Outcomes

B.Sc PSYCHOLOGY

- Students will learn the fundamental and applications of current psychological behaviour and scientific theories including personality, Motivation, Social and Sociology.
- Students will know about the essential methods of application of various principles of psychology.
- Students will be able to carry out scientific experiments as well as to record and analyse the experiments they perform.
- Students will be able to appreciate the pivotal role of Psychologist in present society and able to solve current personal, society and environmental issues.
- Students will be able to function as a member of interdisciplinary working them in uplift the Society.
- Students will be able to outline the importance of Counselling.
- Students will appreciate the importance of mental growth and mental wellbeing.

Course Outcomes of all Programmes Offered by the Department

Name of the Programme : B.Sc. Psychology

S.NO	Name of the Course	Course Code	Program Specific Outcomes (After completing this course, the students will be able to)
1	Basic Psychology I	22SCCPSY1	<ul style="list-style-type: none">➤ Aware of applications of contemporary and school of Psychology.➤ Develop skill of perception and perceptual constancies.➤ Appreciate the states of consciousness and biological rhythms.➤ Apply the implications of learning theories.➤ Develop ability to improve one's memory using the models and techniques of memory.➤ Develop ability to be self-motivated and empathetic and to motivate others

2.	Foundations of Sociology	22SACPSY1	<ul style="list-style-type: none"> ➤ Be ethical and to be able to be part of the society. ➤ Contribute to the society in terms of knowledge and skills having understood the social change. ➤ Develop ability to be a strong lover of culture understanding social institutions. ➤ Realize the significance of demographic transition and population growth of India. ➤ Appreciate the values of gender and family.
3.	Basic Psychology II	22SCCPSY2	<ul style="list-style-type: none"> ➤ To be able to nurture intelligence in himself/herself and others and to be able to perceive one's own emotions. ➤ Develop Ability to develop thinking and problem solving skills. ➤ Develop sense of creativity through models and theories of creativity. ➤ Learn to appreciate the ideals of gender and sex characteristics. ➤ To be a personality and develop ability to assess one's personality.
4.	Statistics in Psychology	22SACPSY2	<ul style="list-style-type: none"> ➤ To be able to apply scales of measurement in the relevant context. ➤ Develop the skill of computing Measures of Central tendency and variability. ➤ Compute correlational measures. ➤ To be able to test hypothesis with suitable statistics. ➤ Compute non parametric tests in Psychology.

5.	Social Psychology	22SACPSY3	<ul style="list-style-type: none"> ➤ Learn impression management understanding the trends in social psychology. ➤ Develop ability to enrich inter-personal relationship. ➤ To be able to form attitude towards social learning. ➤ To be able to resolve prejudice and discrimination among the people. ➤ Be decisive understanding the significance of conformity.
6	Physiological Psychology I	22SCCPSY3	<ul style="list-style-type: none"> ➤ To understand the nature Physiological Psychology • To know the concepts of Cells & Genes • To find out the basics and importance of Neuron & Nervous system • To appreciate the nature of Peripheral& Autonomous Nerve systems • To understand the nature of Central Nervous System
7	Five Practical (Social Psychological)	22SCCPSY3P	<ul style="list-style-type: none"> ➤ Determination of Two Point Threshold 2. Assessing Kinesthetic Sensitivity 3. Visual Acuity 4. Colour Blindness

8	Physiological Psychology II	22SCCPSY4	<ul style="list-style-type: none"> ➤ To understand the meaning of Ingestive Behavior • To understand the Reproductive Behaviour and development • To comprehend Emotion • To familiarize with Learning and Memory • To understand the nature Human Communication
9	Psychology IV – Practical	22SCCPSY4P	<ul style="list-style-type: none"> ➤ Attitude Scale(Towards Job/Marriage/Alcohol and Drug abuse, etc) 2. Interpersonal relationship (scale) 3. Group Influence on Problem Solving 4. Group Conformity 5. Bystander Effect 6. Social Facilitation/Social Loafing
10	Foundations of Criminology	20SACPSY5	<ul style="list-style-type: none"> ➤ To understand the meaning of crime and criminology ➤ To comprehend the nature of violent crimes. ➤ To enlist the property crimes ➤ To familiarize with public order crimes ➤ To understand the nature of white collar and organized crimes
11	Physiological Psychology II	20SCCPSY5	<ul style="list-style-type: none"> ➤ An understanding of the role of the nervous system in the control of behavior. ➤ A general understanding of the organization of the nervous system and

			<p>endocrine system.</p> <ul style="list-style-type: none"> ➤ Mechanisms of communication within a neuron. ➤ A general understanding of how neuropharmacological agents affect transmission. ➤ Discuss the basic mechanisms by which receptors transduce sensory stimuli into nerve signals. ➤ Understand methods of coding in the nervous system ➤ Defend the teleological value of receptor adaptation. Understand the structure and function of muscle receptors. ➤ Discuss the mechanisms underlying control of motor functions at cortical and subcortical levels.
12	Practical I	20SCCPSY1P	<ul style="list-style-type: none"> ➤ Students will understand psychological testing and measurement, in view of an in-depth understanding of psychological processes. ➤ Students will evaluate major concepts and empirical findings in tests and measurements. ➤ Students will analyse real examples of psychological tests for usefulness, applicability, strengths and weaknesses, and validity. ➤ Students will apply methods for evaluating the quality of psychological tests to real examples of psychological tests. ➤ Students will remember knowledge of testing methods to measurement in real world situations. <p>Students will create material that compares and contrasts perspectives on some controversial issue (e.g., intelligence testing) within the field of psychological testing.</p>

13	Principles of Yoga	20SACPSY6	<ul style="list-style-type: none"> ➤ comprehend the Mind and Promoting positive health, prevention of stress related health problems and rehabilitation through Yoga. ➤ Integral approach of Yoga Therapy to common ailments. ➤ Imparting skills in them to introduce Yoga for health to general public and Yoga for total personality development of students in Colleges and Universities. ➤ Invoke scientific attitude and team spirit to channelise their energies in to creative and constructive endeavours.
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Name of the Department : **DEPARTMENT OF POLITICAL SCIENCE**
 Academic Year : **2023-2024**

PROGRAMME OUTCOME

PO1-Political Science and Society: understanding the inter relationship between policy decisions and its effects on society. This is achieved through a comprehensive teaching of the practice of public administration in India.

PO2-Critical thinking: the ability to analyse and predict socio political phenomena based on the study of existing socio economic determinants and past experiences. This goal is achieved by training students in the different methods and tools of investigation such as empirical research methods, survey research and data analysis of subject responses

PO3 - Effective citizenship: the course curriculum inculcates among students a basic understanding of the rights and duties of citizenship and thereby to act as responsible citizens through the observation of important days such as Independence Day, Republic Day and also spreading awareness in society through street plays based on specific socio political issues such as domestic violence, disillusioned youth of the materialistic world etc.

PO4- Individual and team work: Function effectively as an individual and as a member/leader in different social settings.

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Introduction to Political Theory	22ACCPS1	<ul style="list-style-type: none"> ➤ Understand theoretical and practical world of National and international politics and with the help of political theories and their key concepts and arguments. ➤ Apply political concepts and ideas in their future course of political research and political action in the form of real politics. ➤ Understand the main concepts and debates in theories of origin of the state. ➤ Critically read and analyze concept of sovereignty on political theory. ➤ Illustrate and evaluate the development of concepts and theories throughout the history of origin of the states.

2.	Constitution and Functions of Government	22ACCPS2	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the tradition of comparative Politics. ➤ Enhance his/her knowledge about countries and their constitutional Government in details. ➤ Gain comparative knowledge of various political system of the world. ➤ Understand the main concepts of comparative governments. ➤ Critically read and analyze the comparative structures between governments.
3.	Society And Social Institution	22AFACPS1	<ul style="list-style-type: none"> ➤ Identity and describe the Indian constitution features. ➤ Classify and evaluate the functions of judiciary. ➤ Understand the main concepts of constitutional status of state government. ➤ Critically read and analyze the working of union government. ➤ Illustrate and evaluate the concepts of constitutional development.
4.	Indian Freedom Struggle And Constitution Development	22ACCPS3	<ul style="list-style-type: none"> ➤ Describe and explain various stages of constitutional development in India. ➤ Analyze the impacts of world wars on constitutional development in India. ➤ Know the importance of proclamation of Queen Victoria. ➤ Describe the process of end of British rule. ➤ Get knowledge about various acts related to constitutional development in India.
5.	Indian Political System	22ACCPS4	<ul style="list-style-type: none"> ➤ Know the power politics in the world. ➤ Learn about india's diplomatic maneuvers in an essentially interest and power seeking global hierarchical relationship. ➤ Know about the challenges India faces in securing its national interests as a responsible state. ➤ Enhance students' understanding of India's strategies in South Asia and the power politics and geopolitics.

			<ul style="list-style-type: none"> ➤ Learn about India's negotiation strategy in dealing with global environment and security Regime.
6.	Fundamental of Economics	22AFACPS2	<ul style="list-style-type: none"> ➤ Understand various phases of electoral system. ➤ Develop the capacity to point out the merits and demerits of communalism in Indian politics. ➤ Analyze various phases of electoral systems in India. ➤ Illustrate and describe the functions of election commission of India. ➤ Analyze the functions of electoral reforms.
7.	Comparative Government	22ACCPS5	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the tradition of comparative Politics. • Enhance his/her knowledge about countries and their constitutional Government in details. • Gain comparative knowledge of various political system of the world. • Understand the main concepts of comparative governments • Critically read and analyze the comparative structures between governments
8.	Introduction to Public Administration	22ACCPS6	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the public administration. • Enhance his/her knowledge about human resource administration. • Gain knowledge about principles of organisation. • Understand the main concepts of liberal and Marxist tradition. • Critically read and analyze the theories of administration.

9.	Ancient Western political Thought	22ACCPS7	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the western political thought • Enhance his/her knowledge about political thought of reformation. • Gain knowledge about various political thinkers • Understand the main concepts of medieval political thoughts • Critically read and analyze the theories of political thinkers
10.	Asian governments	22ACCPS8	<ul style="list-style-type: none"> ➤ Understand the distinctive features of Japan constitution. • Enhance his/her knowledge about Asian government • Gain knowledge about various constitution structures in Asia. • Understand the main concepts of various government forms. • Critically read and analyze the constitution of Israel and South Korea
11.	Government and Politics of Tamil Nadu	RCCPSA7	<ul style="list-style-type: none"> ➤ Gain knowledge about contribution of thirukkural in tamil political thought. ➤ Understand various Tamil political thoughts. ➤ Know about the Dalit political thought. ➤ Gain knowledge about Dravidian and communist thoughts. ➤ Understand the importance of Tamil political thoughts.
12.	Western Political Thought -II	RCCPSA8	<ul style="list-style-type: none"> ➤ Gain knowledge about scope of disaster management. ➤ Understand multidisciplinary nature of disaster management. ➤ Know about the various types of disasters. ➤ Gain knowledge about man-made disasters. ➤ Understand the importance of disaster management.

13.	Contemporary Political Ideologies	RCCPSA9	<ul style="list-style-type: none"> ➤ Gain knowledge about origin of national movement. ➤ Understand emergence of various political parties in Tamilnadu. ➤ Know about the various political issues. ➤ Gain knowledge about various schemes given by political parties. ➤ Understand the importance of political parties.
14.	Modern Political Theory	RCCPSA10	<ul style="list-style-type: none"> ➤ Understand key concepts and concerns in international relations, including notably the way power is acquired and used globally and how states and non-state actors interact. ➤ Demonstrate an appreciation for the practice of comparative political inquiry, and an understanding of institutions. ➤ Become familiar with contemporary theories of international relations to use as lenses to differently explain outcomes and events in world affairs. ➤ Become conversant in current international events through a close reading of the news and interpretation of events through international relations theories and concepts. ➤ Develop the ability to evaluate and synthesize information from diverse and reliable sources, identifying and differentiating between primary and secondary source material. ➤ Bring research skills to bear on a specific issue related to international affairs, producing a research paper, opinion paper, personal reflection or analytical essay. ➤ Effectively develop a logical argument and justify a position through written and oral presentations and demonstrate the ability to read and question original research and theoretical writings.

15.	Western Political Thought-I (Plato – Machiavelli)	RCCPSA5	<ul style="list-style-type: none"> ➤ Gain knowledge about contribution of political thinkers on political system. ➤ Understand variations in the political perceptions of western thinkers. ➤ Know about the various political thoughts. ➤ Gain knowledge about different political ideologies. ➤ Understand the importance of ancient and medieval western political thoughts.
16.	Indian Political System	RCCPSA11	<ul style="list-style-type: none"> ➤ Gain knowledge of development of communism in India. ➤ Understand various challenges to defense policy. ➤ Know about the objective and working of Indian constitution. ➤ Gain knowledge about major issues in Indian politics. ➤ Understand the main concepts of federal government.
17.	Principles of Public Administration	NMEPS1	<ul style="list-style-type: none"> ➤ Gain knowledge of introduction of public administration. ➤ Understand various theories of administration. ➤ Know about the objective and working of Human Resource Administration Bureaucracy. ➤ Gain knowledge about scope and challenges of public administration. ➤ Understand the main concepts of liberal and Marxist concepts on public administration.
18.	NGO Management	MBEPS1	<ul style="list-style-type: none"> ➤ NGO management. ➤ Project management Dimensions, Planning and its implementation. ➤ Skills and techniques of project evaluation / Resource Mobilization. ➤ CSR activities. ➤ Legal framework of establishment of NGO.

19.	Indian Political System	RCCPSA11	<ul style="list-style-type: none"> ➤ Understand the Meaning and related Concepts of E-Governance. ➤ Explain the E-Governance Processes Application to Different Stakeholders. ➤ Identify the Issues and Challenges in E-Governance Applications. ➤ Understand the working of E-governance in central and state levels. ➤ Analyze the importance of digital administration.
20.	Introduction to Political Theory	22ACCPS1	<ul style="list-style-type: none"> ➤ Understand theoretical and practical world of National and international politics and with the help of political theories and their key concepts and arguments. ➤ Apply political concepts and ideas in their future course of political research and political action in the form of real politics. ➤ Understand the main concepts and debates in theories of origin of the state. ➤ Critically read and analyze concept of sovereignty on political theory. ➤ Illustrate and evaluate the development of concepts and theories throughout the history of origin of the states.
21.	Constitution and Functions of Government	22ACCPS2	<ul style="list-style-type: none"> ➤ Understand the Constitution as the primary source of all our laws. ➤ Understand the process of elections. ➤ Understand organs of government and its functions. ➤ Understand the vision and the values of the Constitution. ➤ Know better election methods.

22.	Society And Social Institution	22AFACPS1	<ul style="list-style-type: none"> ➤ Identity the inequalities existing in the society. ➤ Classify and evaluate the different sources of social change. ➤ Understand the main concepts and debates in historical background of Indian society. ➤ Critically read and analyze social problems and issues in society. ➤ Illustrate and evaluate the concepts of caste system and related problems
23.	Indian Freedom Struggle And Constitution Development	22ACCPS3	<ul style="list-style-type: none"> ➤ Identity and describe the role of social and political Organization in freedom struggle. ➤ Classify and evaluate the different phases of freedom struggle. ➤ Understand the main concepts and debates in historical background of Indian freedom struggle. ➤ Critically read and analyze involvement of mass action in freedom struggle. ➤ Illustrate and evaluate the concepts of constitutional development
24.	Indian Political System	22ACCPS4	<ul style="list-style-type: none"> ➤ Identity and describe the Indian constitution features. ➤ Classify and evaluate the functions of judiciary. ➤ Understand the main concepts of constitutional status of state government. ➤ Critically read and analyze the working of union government. ➤ Illustrate and evaluate the concepts of constitutional development.
25.	Fundamental of Economics	22AFACPS2	<ul style="list-style-type: none"> ➤ Explain the concepts of Macroeconomics and its interrelations with Microeconomics. ➤ Associate the current economic phenomenon with existing theory and put their views on contemporary economic issues. ➤ Apply the principle of Macroeconomics in explaining the behavior of Macroeconomic variables at national as well as global level.

			<ul style="list-style-type: none"> ➤ Extend the concepts of economics in unfolding the dynamics of real living difficulties.
26.	Comparative Government	22ACCP5	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the tradition of comparative Politics. ➤ Enhance his/her knowledge about countries and their constitutional Government in details. ➤ Gain comparative knowledge of various political system of the world. ➤ Understand the main concepts of comparative governments. ➤ Critically read and analyze the comparative structures between governments.
27.	Modern Governments I – (UK, USA and Switzerland)	RCCPSA4	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the public administration. ➤ Enhance his/her knowledge about human resource administration. ➤ Gain knowledge about principles of organization. ➤ Understand the main concepts of liberal and Marxist tradition. ➤ Critically read and analyze the theories of administration.
28.	Political Sociology	RACPSA2A	<ul style="list-style-type: none"> ➤ Understand the market forces and state functions in a day to day economic activity. ➤ Explain the pull and push between the society, market and state. ➤ Evaluate how nations behave pragmatically with the west dominated WTO, IMF and WB.
29.	Indian Political Economy	RACPSA2B	<ul style="list-style-type: none"> ➤ Understand the distinctive features of the western political thought. ➤ Enhance his/her knowledge about political thought of reformation. ➤ Gain knowledge about various political thinkers. ➤ Understand the main concepts of medieval political thoughts. ➤ Critically read and analyze the theories of political thinkers.

M.A. Political Science

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Research Methodology	P22PSCC31	<ul style="list-style-type: none">➤ Gain knowledge of various research methodology.➤ Understand research planning.➤ Know about the methods of data collection.➤ Gain knowledge about scope of research methodology.➤ Understand the main concepts of research report writings.
2.	Modern Political Analysis	P22PSCC32	<ul style="list-style-type: none">➤ Understand the group theory on political analyses.➤ Enhance his/her knowledge about the growth of modern political analyses.➤ Gain knowledge about interdisciplinary approaches of modern political analyses.➤ Understand the historical importance of various revolutions on modern political analyses.➤ Critically read and analyze various theories on modern political analyses.
3.	Development and Administration in Tamil Nadu	P22PSCC33	<ul style="list-style-type: none">➤ Understand the economic trends in Tamilnadu.➤ Enhance his/her knowledge about the political parties in Tamilnadu.➤ Gain knowledge about achievements of Tamilnadu in various fields.➤ Understand the role of social welfare schemes.➤ Critically read and analyze social justice and social harmony.

4.	Regional Politics in India	P22PSCC3A	<ul style="list-style-type: none"> ➤ Understand the socio-economic developments in various regions of India. ➤ Enhance his/her knowledge about the politics of secessionism. ➤ Gain knowledge about various regional movements. ➤ Understand the role of caste in regional politics. ➤ Critically read and analyze grassroots politics in Indian states.
5.	Local Government in India	P22PSCC3B	<ul style="list-style-type: none"> ➤ Understand the relationship of Local Governance and Development. ➤ Enhance his/her knowledge about Rural and Urban Institutional Arrangements for Development. ➤ Gain knowledge about evolution of local self-government. ➤ Understand the Process and Results of Systems of Delivery of Welfare Program. ➤ Critically analyze and evaluate people's participation in local government.
6.	Police Administration in India	P22PSE3A	<ul style="list-style-type: none"> ➤ Understand the nature and scope of police administration. ➤ Enhance his/her knowledge about role and responsibilities of police. ➤ Gain knowledge about structure of police organization at state level. ➤ Understand the rights of the police personnel. ➤ Critically analyze and evaluate various branches of police administration.
7.	Human Rights	P22PSE3B	<ul style="list-style-type: none"> ➤ Understand the distinctive characteristics of human rights. ➤ Enhance his/her knowledge about classification of human rights. ➤ Gain knowledge about the importance of the human rights act 1993. ➤ Understand the historical growth of the idea of human rights. ➤ Critically read and analyze the international context of human Rights.

8.	Tourism and Travel Management	P22PSNME2	<ul style="list-style-type: none"> ➤ Understand the basic components of tourism. ➤ Enhance his/her knowledge about types of tourism. ➤ Gain knowledge about the importance of travel management for tourism. ➤ Understand the historical growth of tourism development. ➤ Critically read and analyze the different kinds of transport for travel.
9.	Ancient and Modern Indian Political Thought	P22PSCC41	<ul style="list-style-type: none"> ➤ Understand the various political thoughts. ➤ Enhance his/her knowledge about evolution of Indian political thought from ancient to medieval. ➤ Gain knowledge about the importance of contributions of great political thinker's ideologies. ➤ Understand the historical growth of Indian political thought. ➤ Critically read and analyze nationalist thoughts from different thinkers.
10.	Indian Political Economy	P22PSCC42	<ul style="list-style-type: none"> ➤ Understand the market forces and state functions in a day to day economic activity. ➤ Explain the pull and push between the society, market and state. ➤ Evaluate how nations behave pragmatically with the west dominated WTO, IMF and WB.
11.	Fundamentals of Entrepreneurship	P22PSIBC	<ul style="list-style-type: none"> ➤ Become an entrepreneur. ➤ Understand the importance of Entrepreneurship. ➤ Identify Entrepreneurial opportunity and encourage others to start up. ➤ To know about concept and nature of intellectual property. ➤ To know about the various schemes in India regarding to entrepreneurship.

12.	Report and Editing	P22PSVAC2	<ul style="list-style-type: none"> ➤ Understand the various departments in Editorial set-up. ➤ Enhance his/her knowledge about news reporting. ➤ Gain knowledge about the importance of news editing. ➤ Understand the historical growth of Journalism. ➤ Critically read and analyze Typography.
13.	Research Methodology	P22PSCC31	<ul style="list-style-type: none"> ➤ Gain knowledge of various research methodology • Understand research planning • Know about the methods of data collection • Gain knowledge about scope of research methodology. • Understand the main concepts of research report writings.
14.	Modern Political Analysis	P22PSCC32	<ul style="list-style-type: none"> ➤ Understand the group theory on political analyses. • Enhance his/her knowledge about the growth of modern political analyses. • Gain knowledge about interdisciplinary approaches of modern political analyses. • Understand the historical importance of various revolutions on modern political analyses. • Critically read and analyze various theories on modern political analyses
15.	Development and Administration in Tamil Nadu	P22PSCC33	<ul style="list-style-type: none"> ➤ Understand the economic trends in Tamilnadu. • Enhance his/her knowledge about the political parties in Tamilnadu • Gain knowledge about achievements of Tamilnadu in various fields. • Understand the role of social welfare schemes • Critically read and analyze social justice and social harmony

16.	Regional Politics in India	P22PSCC3A	<ul style="list-style-type: none"> ➤ Understand the socio-economic developments in various regions of India • Enhance his/her knowledge about the politics of successionism • Gain knowledge about various regional movements. • Understand the role of caste in regional politics. • Critically read and analyze grassroots politics in Indian states
17.	Police Administration in India	P22PSE3A	<ul style="list-style-type: none"> ➤ Understand the nature and scope of police administration. • Enhance his/her knowledge about role and responsibilities of police • Gain knowledge about structure of police organisation at state level. • Understand the rights of the police personnel. • Critically analyze and evaluate various branches of police administration.
18.	Ancient and Modern Indian Political Thought	P22PSCC41	<ul style="list-style-type: none"> ➤ Understand the various political thoughts. • Enhance his/her knowledge about evolution of Indian political thought from ancient to medieval. • Gain knowledge about the importance of contributions of great political thinker's ideologies. • Understand the historical growth of Indian political thought • Critically read and analyze nationalist thoughts from different thinkers
19.	Indian Political Economy	P22PSCC42	<ul style="list-style-type: none"> ➤ Understand the market forces and state functions in a day to day economic activity • Explain the pull and push between the society, market and state • Evaluate how nations behave pragmatically with the west dominated WTO, IMF and WB

20.	Fundamentals of Entrepreneurship	P22PSIBC	<ul style="list-style-type: none"> ➤ Become an entrepreneur • Understand the importance of Entrepreneurship • Identify Entrepreneurial opportunity and encourage others to start up • To know about concept and nature of intellectual property • To know about the various schemes in India regarding to entrepreneurship
21.	Report and Editing	P22PSVAC2	<ul style="list-style-type: none"> ➤ Understand the various departments in Editorial set-up. • Enhance his/her knowledge about news reporting. • Gain knowledge about the importance of news editing. • Understand the historical growth of Journalism • Critically read and analyze Typography.

Name of the Department : **DEPARTMENT OF PUBLIC ADMINISTRATION**
Academic Year : **2023-2024**

B.A. Public Administration

Programme Outcomes:

- The syllabus of this course is offered to create awareness among the rural youth and as well stock holders.
- This course aim is to creating equality in education by providing opportunities to the rural people whom has higher education is unreachable.
- The syllabi is helpful to students get jobs in government, private sectors and as well in self-employment and NGO's.

Course outcomes of all programmes offered by the departmentname of the programme:

B.A. Public Administration

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Introduction To Public Administration	22ACCPA1	<ul style="list-style-type: none">➤ Understand the distinctive features of the public administration.➤ Enhance his/her knowledge about evolution of public administration.➤ Gain knowledge about politics administration.➤ Understand the main concepts of public management.➤ Critically read and analyze the public accountability.
2.	Principles of Organization	22ACCPA2	<ul style="list-style-type: none">➤ Understand the importance of organization.➤ Enhance his/her knowledge about types of organization.➤ Gain knowledge about hierarchy in organizations.➤ Understand the main concepts of supervision.➤ Critically read and analyze the auxiliary agencies.

3.	Concept of Political Theory	22AFACPA1	<ul style="list-style-type: none"> ➤ Understand theoretical and practical world of National and international politics and with the help of political theories and their key concepts and arguments. ➤ Apply political concepts and ideas in their future course of political research and political action in the form of real politics. ➤ Understand the main concepts and debates in theories of origin of the state. ➤ Critically read and analyze concept of sovereignty on political theory. ➤ Illustrate and evaluate the development of concepts and theories throughout the history of origin of the states.
4.	Indian Administration	22ACCPA3	<ul style="list-style-type: none"> ➤ Understand the evolution of Indian administration. ➤ Know about union administration. ➤ Understand the constitutional authorities. ➤ Know about state administration. ➤ Illustrate issues in Indian administration.
5.	Comparative Public Administration	22ACCPA4	<ul style="list-style-type: none"> ➤ Understand the scope of comparative public administration. ➤ Know various administrative systems. ➤ Understand the Approaches and Methods to the Study of comparative public administration. ➤ Know control mechanism of administrative systems. ➤ To analyze Riggs Typology of Developing Societies.
6.	Public Sector Management	22AFACPA2	<ul style="list-style-type: none"> ➤ Role of public sector management. ➤ Management of Public Enterprises at Middle and Lower Levels. ➤ Industrial Relations and Workers' Participation in Management. ➤ Autonomy and Accountability of Public Enterprises. ➤ Public Relations and Profitability and Efficiency.

7.	Administrative Thinkers	22ACCPA5	<ul style="list-style-type: none"> ➤ To analyse the origin, growth of public administration from political science • To think about the characteristics and importance of scientific management theory and Taylor's contribution to the industry • To assess the Thiruvalluvar views on Administration and Ambedkar's role on Indian Administration • To understand about human relation theory • Analyse the development theory
8.	Financial Administration	22ACCPA6	<ul style="list-style-type: none"> ➤ To understand the concept of budget, process of budget and types of budget • To describe the budget making procedure and control over public expenditure in U.K & U.S.A • To evaluate the central state financial relations, tax administration and sources of local revenue • To analyse the public finance in India • To know the scope of finance administration
9.	Personnel Administration in India	22ACCPA7	<ul style="list-style-type: none"> ➤ Describe and explain Nature and Scope of Public Personnel Administration • Analyse the methods of recruitment. • Know the importance of Conduct and discipline • Describe the types of Personnel System • Get knowledge about Objectives of Training
10.	Police Administration	22ACCPA8	<ul style="list-style-type: none"> ➤ Gain knowledge of evaluation of police system in India. • Understand state level police organisations. • Know about role of police in contemporary society. • Gain knowledge about functions of police . • Understand the main concepts of police training.

11.	Administrative Thoughts	16ACCPA5	<ul style="list-style-type: none"> ➤ To analyze the origin, growth of public administration from political science. ➤ To think about the characteristics and importance of scientific management theory and Taylor's contribution to the industry. ➤ To assess the Thiruvalluvar views on Administration and Ambedkar's role on Indian Administration. ➤ To understand about human relation theory. ➤ Analyze the development theory.
12.	Public Personnel Administration	16ACCPA6	<ul style="list-style-type: none"> ➤ To understand the concept of budget, process of budget and types of budget. ➤ To describe the budget making procedure and control over public expenditure in U.K & U.S.A. ➤ To evaluate the central state financial relations, tax administration and sources of local revenue. ➤ To analyze the public finance in India. ➤ To know the scope of finance administration.
13.	Indian National Movement	16AACPA3	<ul style="list-style-type: none"> ➤ Describe and explain various stages of Constitutional Development in India. ➤ Analyze the impacts of world wars on Constitutional Development in India. ➤ Know the importance of proclamation of Queen Victoria. ➤ Describe the process of end of British rule. ➤ Get knowledge about various acts related to Constitutional Development in India.
14.	Police System in India	16ACCPA11	<ul style="list-style-type: none"> ➤ Gain knowledge of evaluation of police system in India. ➤ Understand state level police organizations. ➤ Know about role of police in contemporary society. ➤ Gain knowledge about functions of police. ➤ Understand the main concepts of police training.

Name of the Department

: **DEPARTMENT OF VISUAL COMMUNICATION**

Academic Year

: **2023-2024**

B.Sc. Visual Communication Programme will enable students to

- Be endowed with practical knowledge and skills to pursue a rewarding career in media industries
- Think critically and generate socially conscious media content
- Gain a deeper understanding of communication theories and processes and apply them creatively in generation of media content.

Learning Outcome

Se m	Course Title	Code	Learning Outcome
I	Introduction to Visual Communication	22SCCVC1	<ul style="list-style-type: none">➤ To evaluate the key approaches toward communication and its concepts.➤ To understand and apply knowledge of human communication and language processes.➤ To understand and apply the concepts of visual communication in their daily life.➤ To differentiate the different types of media, its characteristics and influence among the masses.➤ To understand the models and theories of communication that are associated with the communication process.
	Drawing – Practical	22SCCVC1P	<ul style="list-style-type: none">➤ To understand the basics of drawing.➤ To apply the different skills based on the patterns and structure.➤ To understand the various living and non-living things through the mode of drawing.➤ To understand the various shapes and forms in visual art.➤ To enhance their knowledge through practicing art.
	Effective Communication	22SACVC1	<ul style="list-style-type: none">➤ To eliminate barriers to effective communication in day to day life.➤ To apply the listening skill ability for their effective communication.➤ To demonstrate speaking skills effectively.➤ To apply the pivotal role of five pillars on

			<p>reading skills to develop their communication.</p> <ul style="list-style-type: none"> ➤ To apply writing skills for an effective written communication.
II	Advertising	22SCCVC2	<ul style="list-style-type: none"> ➤ To learn the concepts of advertising. ➤ To know the opportunities available in the field of advertising. ➤ To produce radio and television advertisements. ➤ To learn to do team work. ➤ To learn the working pattern in an advertising agency. ➤ To plan and execute an advertisement campaign.
	Art and Illustration – Practical	22SCCVC2P	<ul style="list-style-type: none"> ➤ To understand the art and master the techniques of drawing and painting. ➤ To acquire knowledge to express ideas in the form of drawing and paintings. ➤ To produce problem solving design for the media industry. ➤ To develop the knowledge of pre protection art skills in the field media. ➤ To enhance their knowledge through practicing art.
	Communication Skills – Practical	22SACVC1P	<ul style="list-style-type: none"> ➤ To effectively adapt to body language skills during communication. ➤ To gain confidence to participate in group discussions. ➤ To make an impromptu presentation by applying presentation skills. ➤ To apply the required interview skills and strategies. ➤ To demonstrate a role play through mime or act a street theatre.

	Indian Art and Aesthetics	22SACVC2	<ul style="list-style-type: none"> ➤ To familiarize themselves with the basics of Indian Art. ➤ To comprehend Indian art in the context of aesthetics and techniques. ➤ To acquire knowledge about Architecture of Southern Temples. ➤ To acquire knowledge about Sculptures and Paintings. ➤ To be enriched about the aesthetics and the beauty of Indian Art.
III	Photography	22SCCVC3	<ul style="list-style-type: none"> ➤ To understand the photographic elements and compositional rules. • To understand the updated camera equipment, accessories and its uses. • To understand light sources, colour temperature and exposure triangle. • To know the lighting techniques, placement, measurement and control. • To know the digital elements, photo processing, geo-tag photos and other advancements.
	Photography Techniques – Practical	22SCCVC3P	<ul style="list-style-type: none"> ➤ To compose a photograph with the knowledge of aesthetic principles. • To shoot photographs in different genres. • To handle DSLR cameras and learn proper settings. • To analyze the location, lighting, necessary devices and works. • To apply skills based on the shooting environments like selection of lens, filters and various settings in camera.
IV	Elements of Film	22SCCVC41	<ul style="list-style-type: none"> ➤ To acquire an overview of history and origin of films • To understand the nuances of various film genres. • To understand the film production process and various departments involved in making a film • To understand the importance of technical dimensions in a film • To observe the changes in film aesthetics and evolving trends in film industry.
	Web Designing – Practical	22SCCVC4P	<ul style="list-style-type: none"> ➤ To design a web page • To adapt key design principles, best practices and useful shortcuts while designing a page. • To make changes on the site. • To export and publish Web Pages. • To become a competent web designer.

V	Visual Analysis Techniques	16SCCVC5	The students will be able to understand the visual aesthetics and critically look at visuals and their meanings.
	Media Research Orientation	16SCCVC6	The students will be able to demonstrate a sound knowledge of media research methods.
	Videography	16SCCVC7	The students will gain insights into the principles, mechanics and aesthetics of videography.
	Television production	16SCCVC3P	The students will work in a team to create, design and produce a short film or documentary that reflects proper camera, lighting and audio composition.
	Script Writing	16SMBEV C1	The students will be adept at writing scripts for film and television.
VI	Development Communication	16SCCVC8	The students will understand the concepts of development communication and their role in society
	Project	16SCCVCP W	The students will produce work that can be made use of in the industry, which subsequently will help student enter the media industry with an evaluated portfolio.
	Web Designing (P)	16SCCVC4P	The students will be able to create web pages using web designing tools.

	Public Relations	16SMBEV C2	The students will gain an insight in to the field of public relations and its applications
	Media Management	16SMBEV C3	The students learn the structure and functioning of media organizations

M.Sc. PROGRAMME OUT COME

- M.Sc Visual Communication Programme will enable students to
- Gain practical exposure in media industries through internships to ensure jobopportunities.
- Attain exposure to a wide range of subjects related to the field of media and communication Pursue research in contemporary issues in media and communications with enhanced methodological and analytical skills.

LEARNING OUTCOME

S. No	Name of the Course	Course Code	Course Outcomes (After completing this course, the students will be able to)
1.	Dynamics of Visual Communication	P22VCCC11	<ul style="list-style-type: none"> ➤ To Learn the Principles and fundamentals of colours. ➤ To understand the knowledge of visual languages and cultures. ➤ To Gain knowledge about the different visual perspectives.
2.	Image and Imagination	P22VCCC12	<ul style="list-style-type: none"> ➤ To understand the concepts of image, imagination and mental imagery. ➤ To understand how images are created. ➤ To use their imaginative skills to create images. ➤ To recognize different media forms. ➤ To construct a visual image appropriate to the given context.

3.	Online Journalism	P22VCCC1A	<ul style="list-style-type: none"> ➤ To understand the concepts of online journalism and its current trends. ➤ To apply the concepts of mobile journalism in their practices and gain knowledge on different aspects on online journalism. ➤ To gain insights on virtual community, blogs and other aspects of web journalism such as wiki generated media, Web 2.0. ➤ To apply the journalism strategies through understanding new media. ➤ To understand the ethical issues involved in new media and its consequences.
4.	Mobile Journalism	P22VCCC1B	<ul style="list-style-type: none"> ➤ To conduct professional video interviews using mobile. ➤ To write and edit with their devices and produce reporter-led stories. ➤ To become aware of ethical and legal challenges online. ➤ To learn technical terms in mobile journalism. ➤ To apply various nuances of journalist skills through mobile journalism
5.	Digital Photography Techniques Lab	P22VCCC1P	<ul style="list-style-type: none"> ➤ To know the aesthetic principles and elements of Digital photography. ➤ To handle DSLR cameras and learn proper settings. ➤ To analyze the location, lighting, necessary devices and works. ➤ To shoot photographs in different genres. ➤ To apply skills based on the shooting environments like selection of lens, filters and various settings in camera. ➤ To experiment the specialized photography techniques like Time lapse, Long exposure, HDR.

6.	Tamil Society, History and Politics	P22VCE1A	<ul style="list-style-type: none"> ➤ To know the relationship between History and current developments in Tamilnadu. ➤ To analyze the Challenges of Tamil tradition and its aesthetics. ➤ To analyze the developments over technology and Tamil literature. ➤ To understand the impact of various media houses over Tamil politics. ➤ To understand the developments in literature, folk arts, and film in connection with Tamil.
7.	Art and Print Production	P22VCE1B	<ul style="list-style-type: none"> ➤ To analyze and understand different art work and design. ➤ To evaluate various types and related layout designs for print production. ➤ To understand the responses towards copy and colour. ➤ To create a newspaper/ magazine or any design applying the software knowledge.
8.	Design Principles	P22VCVAC1	<ul style="list-style-type: none"> ➤ To learn the principles and elements of design. ➤ To understand the knowledge of software applications. ➤ To gain knowledge about the packaging designing.
9.	Theories of Visual Analysis	P22VCCC21	<ul style="list-style-type: none"> ➤ To critically analyze media texts. ➤ To comprehend how media production is connected to political and economic aspects of capitalist society. ➤ To recognize the conflicts that exist between powerful classes and less powerful classes with regard to media production and media content. ➤ To interpret media texts using Psychoanalytic approach. ➤ To acknowledge the implications of gendered images.

10.	Communication Theories	P22VCCC22	<ul style="list-style-type: none"> ➤ To recall and relate the importance of communication theories in the communication process. ➤ To indicate and discuss the types of theories applied in political agenda. ➤ To describe and appreciate the importance of sociological theories. ➤ To illustrate and interpret the application of the communication models with professional situations. ➤ To analyze and evaluate the perspective of mass media in the media environment. ➤ To criticize, apply, understand and analyze the communication models and theories.
11.	Scripting	P22VCCC2A	<ul style="list-style-type: none"> ➤ To know the basics of media scripting. ➤ To understand various types scripting styles for various media. ➤ To understand the news scripting fundamentals and structure of news. ➤ To understand the scripting style and techniques for radio internet radio and podcast. ➤ To know the online media scripting and ethics for online content writing.
12.	Community Participatory Media and Development	P22VCCC2B	<ul style="list-style-type: none"> ➤ To know community, participatory media and development. ➤ To understand participatory media and ways of participatory communication. ➤ To know the alternative media and social change. ➤ To understand relationship between community participation and technology development. ➤ To know the international development policies on communication.
13.	Multimedia and Applications Lab	P22VCCC2P	<ul style="list-style-type: none"> ➤ Understand the principles and Pre-Production process of animation. ➤ Gaining knowledge about the software applications. ➤ Student will be able to create 2D and 3D animations.

14.	Introduction to New Media	P22VCE2A	<ul style="list-style-type: none"> ➤ To understand the concepts of new media, its process and computer mediated communication. ➤ To apply the concepts of user-generated communication in their practices and gain knowledge on various Communication Technologies available. ➤ To gain insights on virtual community, blogs and other aspects of web journalism. ➤ To understand the basics of online journalism. ➤ To understand the ethical issues involved in new media and its consequences.
15.	Introduction to Social Media	P22VCE2B	<ul style="list-style-type: none"> ➤ To understand the evolution of the internet in India and the world. ➤ To make a critical study of the impact of the internet on the society. ➤ To develop thorough knowledge of the use of new media influence and its pros and cons. ➤ To gain knowledge of various platforms of social media. ➤ To become adept at the different aspects of social media applications.
16.	Media Education and Literacy	P22VCCC31	<ul style="list-style-type: none"> ➤ Understand the need to know working style of traditional and digital media • Being able to evaluate the quality of media and its influence • Understand the various approaches of the audience towards media • Create an opportunity to understand fake and real media messages • Helps to understand the power of media and the responsibility as a media personality
17.	Advertising	P22VCCC32	<ul style="list-style-type: none"> ➤ Recall the history of Advertising and the types in it. • Analyze the different methods in segmenting the market, ad appeals, branding, ad campaign and the positioning a product in the minds of the consumers. • Experiment and select the various media strategy to select the media in the field of advertising. • Compose and create the Advertisements and PSAs. • Apply basic PR theories and principles to practice.

18.	Development Communication	P22VCCC3A	<ul style="list-style-type: none"> ➤ To master the development communication strategies to meet the development goals of the nation. • To analyze the Challenges of development communication prevalent in India • To develop the technological awareness to accept the newer facets of development communication • To understand the conditions of the rural areas that counterfeit development. • To understand the need and improvement of media towards attaining development through communication.
19.	Web Designing (Practical)	P22VCCC3P	<ul style="list-style-type: none"> ➤ Recall the web design knowledge, skills and project-based creativity is needed for entry into web design and development careers. • Be acquainted with elements, Tags and basic structure of Webpage. • Designing of webpage-Document Layout, Working with List, Working with Tables4. • Develop skills in analyzing the usability of a web site. • Be able to embed social media content into web pages.
20.	Media and Sustainable Development	P22VCE3A	<ul style="list-style-type: none"> ➤ To become conscious about ecology and its concepts • To independently develop media strategies towards sustainable development • To apply sustainable development concepts in their daily awareness regime • To demonstrate the various strategic communication available to media • To gather knowledge on various events and possibilities in communicating sustainable development through media.
21.	Media Research Methods	P22VCCC41	<ul style="list-style-type: none"> ➤ To get acquainted with the basic concepts of research methods and process. • To perceive the various research methods that can be applied for media research • To emerge as a researcher by collecting data for their research • To gain knowledge in all the available sampling techniques that might help them in future research. • To write a research paper.
22.	Media Laws and Ethics	P22VCCC42	<ul style="list-style-type: none"> ➤ To recall the constitutional laws in India. • To analyze laws related to pressfunctioning to identify rights and liabilities of press persons. • To identify the laws related to various media to be aware of rights and liabilities of media persons. • To analyze and create the advertisements in various media in accordance

			with the advertising standards. • To evaluate the code of ethics to be followed in various media.
23.	Internship	P22VCIBC	<ul style="list-style-type: none"> ➤ The student will be able to understand the industry requirements and qualify for the same • The student will be able to demonstrate their media related skills which would be beneficial for seeking employment opportunities
24.	Digital Cinematography	P22VCVAC2	<ul style="list-style-type: none"> ➤ To independently develop the knowledge of lighting and camera techniques • To be able to develop story board for any of their production • To hands on experience on cinematography techniques • To apply the aesthetics in their making of any video content • To demonstrate their camera techniques to acquire the best results