

PROGRAMME OUTCOMES/COURSE OUTCOMES OF

FYUGP

ECONOMICS

Programme Learning Outcomes for Four Year Undergraduate Programme (FYUGP) in Economics:

After completion of this programme –

PO1-Critical Thinking: Graduates will be able to critically analyze economic theories and models, apply logical reasoning, and understand their implications in real-world contexts.

PO2-Problem Solving: Graduates will acquire enhanced problem-solving skills by applying economic principles and quantitative techniques to address economic issues and policy challenges.

PO3-Effective Communication: Graduates will be able to communicate economic concepts, theories, and findings clearly and effectively.

PO4-Research and Analytical Skills: Graduates will be able to formulate research proposals, specifically to craft relevant research questions and hypotheses; present findings, theories, methods, and proofs utilizing knowledge from multiple branches of Economics and associated fields.

PO5-Technological Proficiency: Graduates will be proficient in using modern technological tools and software for economic analysis, data management, and presentation.

PO6-Ethical Awareness: Graduates will be able to apply ethical principles in economic decision-making, recognizing the societal and environmental impacts of economic activities.

PO7-Global Perspective: Graduates will develop a global outlook on economic issues, understanding the interconnectedness of economies and the implications of global economic policies and events.

PO8-Lifelong Learning: Graduates will foster a commitment to continuous learning and staying updated with the latest developments in the field of economics.

PO9-Interdisciplinary Knowledge: Graduates will be able to integrate knowledge from various disciplines such as statistics, mathematics, political science, sociology, history etc. to provide a comprehensive understanding of economic phenomena.

PO10-Leadership and Teamwork: Graduates will cultivate leadership qualities and the ability to work collaboratively in diverse teams to address complex economic problems.

PROGRAMME SPECIFIC OUTCOMES (PSOs): The programme specific outcomes of the Undergraduate Programme in Economics are listed below. After completing the programme the students should be able to:

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PSO1-Comprehend the behavioral patterns of different economic agents and acquire the competency to apply the fundamentals of Microeconomics and Macroeconomics in understanding the economic aspects of allied sectors.

PSO2-Evaluate the developmental parameters of an economy with the help of economic theories and examine the existing socio-economic issues of developing nations and formulate strategies to pave the way for further development.

PSO3- Analyze and review the historical developments in the economic thoughts propounded by different schools and make a comparative assessment with the contemporary issues in Economics.

PSO4-Identify key issues and formulate ideas to undertake research studies and apply quantitative techniques to address the unresolved issues in Economics and other relevant disciplines.

PSO5-Demonstrate the potential for a variety of challenging careers through innovation, critical thinking, problem solving and lifelong learning, thereby being competitive in the job market by acquiring skills in using statistical software for research, employability and entrepreneurship.

PSO6-Contribute to the academic advancement of the subject and society at large by pursuing advanced studies in Economics.

Course Code : ECOC1

Course Outcomes: On completion of this Course, a student will be able to –

CO 1: Comprehend the introductory principles of Microeconomics. LO 1.1: Define the meaning of Microeconomics. LO 1.2: Discuss how scarcity and the need to make choices are central to economic analysis. LO 1.3: Identify and analyze the trade-offs and opportunity costs in decision-making processes. CO 2: Apply the basics of microeconomics in behavior patterns of firms and households and relate with the laws of demand and supply. LO 2.1: Explain the law of demand, determinants of demand, individual and market demand and shift in demand. LO 2.2: Explain the law of supply, determinants of supply, individual and market supply and shift in supply. CO 3: Apply the fundamentals of microeconomics to understand the behaviour of consumers and attainment of consumer's equilibrium. LO 3.1: Define budget constraint. LO 3.2: Explain the meaning and properties of an Indifference curve. CO 4: Apply the principles of microeconomics in relation to production function, costs and revenues and demonstrate the basics of market mechanism and the equilibrium condition of different forms of markets. LO 4.1: Define the basics of a firm under perfectly competitive market structure. LO 4.2: State the relation between revenue, cost and equilibrium under perfect competition. LO 4.3: Explain the characteristics of firms under imperfect market structure. CO 5: Evaluate the features of input market. LO 5.1: Explain the features of firms using one and two variable factors respectively in the short run and long run labour market. LO 5.2: Discuss the determination of rent and profit maximizing condition in input market. LO 5.3: Explain the fundamentals of capital market.

Course Code : MINECO1:

CO 1: Comprehend the introductory principles of Microeconomics. LO 1.1 Describe the meaning of Microeconomics. LO 1.2 Define the meaning of scarcity and opportunity cost. CO 2: Apply the basics of

microeconomics in behaviour patterns of firms and households and relate with the laws of demand and supply. LO 2.1: Explain the law of demand, determinants of demand, shifts of demand versus movements along a demand curve and market demand. LO 2.2: Explain the law of supply, determinants of supply, shifts of supply versus movements along a supply curve and market supply. LO 2.3: Explain the condition of market equilibrium. CO 3: Apply the fundamentals of microeconomics to understand the behaviour of consumers and producers and attainment of producer's and consumer's equilibrium. LO 3.1: Define the meaning of budget constraint. LO 3.2: Explain the meaning and properties of indifference curve. LO 3.3: Explain the fundamentals of utility and its applications in consumer theory. LO 3.4: Explain the Production function with one and two variables. LO 3.5: State the meaning and properties of an Isoquant and equilibrium in production. CO 4: Apply the principles of microeconomics in relation to production function, costs and revenues and demonstrate the basics of market mechanism and characteristics of different forms of markets. LO 4.1: Explain the features of cost and revenue in the short run and long run respectively. LO 4.2: Discuss the features of different forms of markets. LO 4.3: Explain the equilibrium condition of firms under perfect competition.

Course Code : ECOC2

CO1: Distinguish between different macroeconomic schools of thought and understand the fundamental objectives and scope of macroeconomics, laying the foundation for advanced macroeconomic analysis. LO1.1: Differentiate between microeconomics and macroeconomics and understand the evolution of macroeconomics as a distinct field. LO1.2: Explain the nature and scope of macroeconomics and identify the key objectives of macroeconomic study. LO1.3: Compare and contrast the different schools of macroeconomic thought: classical, Keynesian, and monetarist. LO1.4: Analyze the relationship between microeconomic thinking and macroeconomic models and discuss the balance between short-term stabilization and long-term economic growth. CO2: Define national income and various accounting methods, and assess the limitations and significance of GDP as an indicator of economic health and social welfare. LO2.1: Understand the importance of measuring economic activity and the various approaches to national income accounting. LO2.2: Define and differentiate between GDP and GNP, and explain the concepts of stocks and flows. LO2.3: Describe the circular flow of income in an economy and the methods of measuring GDP: income method, expenditure method, and value added method. LO2.4: Evaluate the limitations of GDP as a measure of economic activity, including its relationship with the underground economy and social welfare, and understand the significance of sustainable accounting. CO3: Analyze the components and determinants of aggregate demand and aggregate supply, and understand how these factors interact to influence overall economic activity. LO3.1: Define aggregate demand and its components, and identify the determinants of consumption, government spending, firm investment, and net exports. LO3.2: Explain the consumption function, including marginal propensity to consume (MPC) and average propensity to consume (APC), and the determinants of saving, including marginal propensity to save (MPS) and average propensity to save (APS). LO3.3: Analyze the investment function and the factors that influence investment demand. LO3.4: Describe the concept of aggregate supply, its determinants, and the factors that can shift the aggregate supply curve. CO4: Critically evaluate the classical and Keynesian theories of output and employment determination, and apply these concepts to understand historical and contemporary economic fluctuations. LO4.1: Understand the classical theory of output and employment determination and Say's law of markets. LO4.2: Analyze the Great Depression of the 1930s and the failure of the classical school, leading to the Keynesian

revolution. LO4.3: Explain the Keynesian theory, including the equality between output and aggregate demand, the concept of the multiplier, and the determination of equilibrium income. LO4.4: Discuss the changes in equilibrium income and the factors that can lead to such changes. CO5: Explain the functions and types of money, determinants of money supply and demand, and the determination of equilibrium rate of interest. LO5.1: Define money and its various functions, and describe the different types of money, including fiat money, fiduciary money, metallic money, and paper money. LO5.2: Explain the supply of money and the role of the central bank, and understand the different measures of money as defined by the RBI. LO5.3: Discuss the demand for money and the quantity theory of money, including the motives for holding money: transaction, precautionary, and speculative. LO5.4: Analyze the determination of the equilibrium rate of interest using the Keynesian liquidity preference theory.

Course Code : MINECO2

CO1: Describe the distinction between microeconomics and macroeconomics, including the development and objectives of macroeconomic theory. LO1.1: Explain the distinctions between microeconomics and macroeconomics. LO1.2: Trace the historical evolution of macroeconomics as a distinct discipline. LO1.3: Identify and describe the primary schools of macroeconomic thought, including classical, Keynesian, and monetarist perspectives. LO1.4: Discuss the objectives of macroeconomics in terms of short-term stabilization and long-term economic growth. CO2: Gain a comprehensive understanding of how economic activity is measured and the significance of national income accounting. LO2.1: Define and differentiate between GDP and GNP, including the concepts of stocks and flows. LO2.2: Illustrate the circular flow of income in an economy. LO2.3: Compare and contrast the income, expenditure, and value-added approaches to measuring GDP. LO2.4: Evaluate the limitations of GDP as a measure of economic activity and its relationship to social welfare. CO3: Define the concepts of aggregate demand (AD) and aggregate supply (AS) including the identification of factors responsible for the shifts of AD and AS. LO3.1: Define aggregate demand and explain its components and determinants. LO3.2: Analyze the consumption function, including the concepts of MPC and APC. LO3.3: Discuss the determinants of saving and investment, including the functions of MPS, APS, and investment demand. LO3.4: Explain the concept of aggregate supply and identify factors that cause shifts in the aggregate supply curve. CO4: Compare and contrast the classical and Keynesian theories of output and employment determination and their relevance to economic equilibrium. LO4.1: Describe the classical theory of output and employment determination and Say's law of markets. LO4.2: Analyze the impact of the Great Depression on the classical school and the rise of Keynesian economics. LO4.3: Explain the Keynesian theory of equilibrium between output and aggregate demand, including the concept of the multiplier. LO4.4: Calculate equilibrium income and understand its implications for macroeconomic stability. CO5: Elaborate the role of money in the economy, the various types and measures of money, and the causes and effects of inflation. LO5.1: Define money and its functions, and differentiate between different types of money (fiat, fiduciary, metallic, paper). LO5.2: Identify and explain the various measures of money supply (M0, M1, M2, M3, M4). LO5.3: Discuss the quantity theory of money and its implications for prices and inflation. LO5.4: Analyze the causes and types of inflation, its social costs and benefits, and the relationship between nominal and real interest rates.

Course Code : GECECO2

CO1: Analyze the key aspects of India's industrial policies, infrastructure development, and their impact on business performance. L.O 1.1: Describe the changes in the New Industrial Policy and the impacts of public sector reforms, privatization, and disinvestment. L.O 1.2: Evaluate the factors influencing the Ease of Doing Business in India and the performance of MSMEs. L.O 1.3: Assess the role of MNCs in India's industrial development and initiatives like "Make in India." L.O.1.4: Analyze the development of infrastructure sectors such as health, education, transportation, and power. CO2: Understand and evaluate the fiscal and monetary policies of India, including recent reforms and their implications on the economy. L.O. 2.1: Explain the key aspects of fiscal reforms including Public Debt Management, FRBM Act, and GST. L.O. 2.2: Discuss the recommendations of the latest Finance Commissions and their implications. L.O 2.3: Analyze the organization of India's money market and recent financial sector reforms. L.O 2.4: Review the monetary policy of RBI, the role and functions of SEBI, and the changing roles of the Reserve Bank of India, foreign banks, and non-banking financial institutions. CO3: Examine the direction, composition, and policies related to India's foreign trade and balance of payments since 1991. L.O. 3.1: Analyze the direction and composition of India's foreign trade. L.O. 3.2: Discuss the trends in India's balance of payments since 1991, focusing on current and capital account convertibility. L.O. 3.3: Evaluate the trends and patterns of FDI and FPI in India. L.O. 3.4: Explain India's EXIM policy and the new Foreign Trade Policy. CO4: Analyze key socio-economic issues in India, including demographic trends, urbanization, the impact of COVID-19, and agricultural policies. L.O 4.1: Discuss India's population policy and the concept of demographic dividend. L.O.4.2: Evaluate the state of human development in India and the initiatives for urbanization such as the Smart City Mission. L.O. 4.3: Analyze the economic and social impact of the COVID-19 pandemic and initiatives like Atma Nirbhar Bharat Abhiyan. L.O 4.4: Examine agricultural price policy, subsidies, the public distribution system, and initiatives like MGNREGA aimed at doubling farmers' incomes and promoting the non-farm sector.

Course Code : ECOC3

CO1: Explain the foundational concepts like sets, relations and functions, evaluate limits and continuity, and apply these concepts to solve numerical problems. LO1.1: Describe different types of sets and perform set operations. LO1.2: Explain and construct ordered pairs, Cartesian products, and relations. LO1.3: Explain functions, their properties and types, and graph different types of functions LO1.4: Evaluate limits and continuity of functions CO2: Apply matrices and determinants in solving linear equations and performing static and dynamic input-output analysis. LO2.1: Perform elementary matrix operations, including addition and multiplication. LO2.2: Determine the rank of a matrix and calculate determinants. LO2.3: Compute the inverse of a matrix. LO2.4: Apply Cramer's rule to solve systems of linear equations. LO2.5: Conduct static and dynamic input-output analysis using matrices. CO3: Apply rules of differentiation to analyze economic functions, including demand, cost, and revenue, and interpret their economic significance. LO3.1: Apply differentiation rules to functions with one independent variable. LO3.2: Use derivatives in economic applications such as elasticity of demand and cost/revenue functions. LO3.3: Explain the relationship between average and marginal costs using derivatives. LO3.4: Compute second and higher-order derivatives and apply them to economic problems CO4: Use different techniques of integration to solve economic problems, including calculation of producer's and consumer's surplus. LO4.1: Understand and apply basic rules of integration. LO4.2: Use various techniques of integration including substitution, integration by parts, and partial fraction decomposition. LO4.3: Derive total functions from marginal functions through integration. LO4.4:

Evaluate definite integrals and apply them to compute producer's and consumer's surplus. CO5: Understand and solve first order linear differential equations and exact differential equations, with applications to economic problems. LO1: Identify and solve first order linear differential equations using standard methods and interpret their solutions in the context of economic problems. LO2: Determine and solve exact differential equations and apply these solutions to relevant economic scenarios.

Course Code : ECOC4

CO1: To evaluate the trajectory of India's economic development since independence and analyze the shifts in development strategies from import substitution to post-1991 globalization. LO 1.1: Identify the key features of the Indian economy on the eve of independence. LO 1.2: Compare and contrast the goals and components of alternative development strategies employed by India since independence. LO 1.3: Analyze the impact of import substitution and protectionist policies on India's economic development. LO 1.4: Evaluate the effectiveness and challenges of the post-1991 globalization strategies, including stabilization and structural adjustment packages. CO2: To explore the interplay between population dynamics and human development indicators in the context of India, and assess India's standing in the global human development landscape. LO 2.1: Describe the demographic features and trends in India, including population size, growth rates, and age-sex composition. LO 2.2: Explain the concept of demographic dividend and its implications for economic development in India. LO 2.3: Evaluate the effectiveness of the National Population Policy in addressing demographic challenges. LO 2.4: Assess India's human development record using indicators such as the Human Development Index and compare it with global benchmarks. CO3: To analyze the concepts of poverty and inequality in the Indian context, and examine the strategies and policies aimed at poverty alleviation and reducing income inequality. LO 3.1: Define and explain the concept of poverty and its incidence in India. LO 3.2: Interpret poverty estimates and trends over time, and analyze the relationship between economic growth and poverty reduction. LO 3.3: Identify the causes of income inequality in India and assess its magnitude and nature. LO 3.4: Evaluate government policies and measures aimed at reducing poverty and addressing income inequality in India. CO4: To examine the dynamics of India's labour force, occupational patterns, and unemployment trends, and analyze the role of government policies in addressing unemployment challenges. LO 4.1: Describe the growth and structure of India's labour force and its relationship with economic development. LO 4.2: Analyze the types and nature of unemployment prevalent in India. LO 4.3: Evaluate the changing dimensions of unemployment and employment patterns over time. LO 4.4: Assess the effectiveness of government policies and measures in addressing unemployment challenges and promoting inclusive growth. CO5: To analyze India's economic interactions with the world economy and conduct a comparative assessment of India's development experience with high-performing Asian economies. LO 5.1: Describe India's economic integration with the global economy and identify key drivers of international economic interactions. LO 5.2: Compare and contrast India's development strategies with those of high-performing Asian economies such as Singapore, South Korea, and Taiwan. LO 5.3: Analyze the factors contributing to the economic success of high-performing Asian economies and their relevance to India's development trajectory. LO 5.4: Evaluate the lessons learned from international comparisons to inform India's future economic policies and strategies.

Course Code : MINECO3

CO1: Understand and evaluate the evolution of development strategies in India since independence, focusing on selfreliance, import substitution, protectionism, and post-1991 globalization reforms. LO1.1: Describe the key features and goals of India's development strategy immediately after independence. LO1.2: Analyze the impact of import substitution and protectionist policies on India's economic development. LO1.3: Explain the shift towards globalization post-1991 and the structural adjustment packages implemented. LO1.4: Critically evaluate the outcomes of the different development strategies on India's economic growth and development. CO2: Assess the demographic characteristics and trends in India, including population growth, composition, and policy implications. LO2.1: Explain the size and growth rates of India's population and their implications. LO2.2: Analyze the trends in birth and death rates in India and their demographic impact. LO2.3: Discuss the concept of demographic dividend and its potential in India. LO2.4: Evaluate the National Population Policy and its effectiveness in addressing demographic challenges. CO3: Analyze the nature, incidence, and strategies for alleviating poverty and income inequality in India. LO3.1: Define and measure the concept and incidence of poverty in India. LO3.2: Assess the relationship between economic growth and poverty levels. LO3.3: Identify the causes and magnitude of income inequality in India. LO3.4: Evaluate the effectiveness of government policies and measures aimed at reducing poverty and inequality. CO4: Examine the structure and dynamics of the labor force, occupational patterns, and unemployment in India. LO4.1: Describe the growth and distribution of the labor force in India. LO4.2: Analyze the occupational structure and its relation to economic development. LO4.3: Discuss the nature, types, and magnitude of unemployment in India. LO4.4: Evaluate government policies and measures to address unemployment and their effectiveness. CO5: Evaluate human development indicators and India's performance in human development at both national and global levels. LO5.1: Define key human development indicators and their importance. LO5.2: Compare human development across different states in India. LO5.3: Assess India's human development record in a global context. LO5.4: Analyze the factors contributing to variations in human development across different regions and states in India.

Course Code : ECOC5

CO 1: Analyse the behaviour of consumers and apply the tools of economics to evaluate consumer's equilibrium conditions. LO 1.1: Explain the axioms of rational choice and how they lead to the development of utility functions. LO 1.2: Illustrate consumer preferences using indifference curves and utility functions. LO 1.3: Conduct utility maximization analysis graphically in both two-good and n-good cases. LO 1.4: Describe income and substitution effects of price changes and distinguish between normal, inferior, and Giffen goods. LO 1.5: Apply Slutsky's equation to analyze consumer choices. LO 1.6: Distinguish between compensated and ordinary demand curves and their implications. LO 1.7: Analyze consumer behavior under risk and inter-temporal choices. CO 2: Use the concepts of marginal revenue and cost to analyze firm profitability. LO 2.1: Explain production functions and the significance of isoquants. LO 2.2: Analyze the marginal rate of technical substitution and the elasticity of substitution in production. LO 2.3: Explore returns to scale and production scenarios with one or multiple variable inputs. LO 2.4: Evaluate special cases of production functions and their relevance to technical progress. LO 2.5: Analyze the production transformation curve for multiple products. LO 2.6: Analyze economies of scale and scope and their implications for firms. LO 2.7: Evaluate recent developments in cost theory and their practical applications. CO 3: Apply the model of perfect competition to predict welfare implication of public policy interventions such as taxes and subsidies. LO 3.1: Analyze the process of

profit maximization in perfectly competitive markets. LO 3.2: Examine short-run and long-run equilibrium in competitive markets. LO 3.3: Apply concepts such as the invisible hand and analyze the impact of excise taxes and subsidies on competitive markets. CO 4: Analyse the performance of firms under monopoly and oligopoly market structures. LO 4.1: Apply various pricing strategies under monopoly, including price discrimination and peak-load pricing. LO 4.2: Understand and evaluate the characteristics and economic implications of monopolistic competition. LO 4.3: Analyze different models of oligopoly behavior and their implications for pricing and output decisions. LO 4.4: Evaluate collusive behaviors in oligopoly, including cartels and price leadership.

Course Code : ECOC6

CO 1: Critically appraise the performance of the Assam economy in terms of growth of SGDP, employment, poverty and other indicators. LO1.1: Identify and explain the key natural and human resources of Assam. LO1.2: Understand and analyze the trends in GDP and per-capita income in Assam. LO1.3: Evaluate the issues of poverty and unemployment in Assam. LO1.4: Assess the indicators of human development and inter-district disparities in Assam. CO 2: Analyse the role of agricultural sector in addressing food security and employment in Assam and evaluate the impact of various policies on agricultural intensification and modernization. LO2.1: Comprehend the role and performance of agriculture in Assam's economy. LO2.2: Analyze the land-use and cropping patterns in Assam. LO2.3: Evaluate the trends in area and production of various crops, including food crops, horticulture, and plantation crops. LO2.4: Understand the challenges and opportunities in agricultural marketing, finance, pricing, and sustainable agricultural practices in Assam. CO 3: Examine the performance of the industrial sector in Assam, including its structure, major industries, policies, financial sources, and the challenges and prospects faced by the industry. LO3.1: Grasp the role and performance of the industrial sector in Assam. LO3.2: Identify and discuss the industrial structure, including major industries, MSMEs, and cottage industries. LO3.3: Evaluate the policies and programmes aimed at industrial development in Assam. LO3.4: Assess the sources of industrial finance and the problems and prospects of the industrial sector in Assam. CO 4: Assess the state of infrastructure in Assam, covering transport, communication, education, health, power, and irrigation, along with the policies and programmes aimed at infrastructural development. LO4.1: Gain a comprehensive understanding about the significance of transport and communication infrastructure in Assam. LO4.2: Evaluate the status and challenges in the education and health infrastructure in Assam. LO4.3: Analyze the power and irrigation infrastructure and their impact on Assam's economy. LO4.4: Discuss the policies and programmes designed to enhance infrastructural development in Assam. CO 5: Describe the fiscal landscape of Assam, the sources of finance, the sharing of central taxes and grants, and the expenditure patterns of the state. LO5.1: Identify and explain the revenue and non-revenue sources of finance in Assam. LO5.2: Comprehend the mechanisms of sharing central taxes and grants-in-aid. LO5.3: Analyze the expenditure patterns of the Assam government. LO5.4: Evaluate the fiscal policies and their impact on the economic development of Assam.

Course Code : ECOC7

CO1: Apply the fundamental concepts of descriptive statistics to summarize and describe the essential features of data. LO1.1: Define and calculate measures of central tendency (mean, median, mode) and explain their significance. LO1.2: Describe and compute measures of dispersion (range, quartile

deviation, mean deviation, standard deviation). LO1.3: Explain and calculate measures of skewness and kurtosis to understand data distribution. LO1.4: Understand the concept of moments and their use in statistical analysis. CO2: Apply probability theory and distribution models to solve problems involving uncertainty and variability. LO2.1: Explain basic probability concepts, including classical and empirical definitions, and solve problems using addition and multiplication theorems. LO2.2: Analyze and apply conditional probability, independence of events, and Bayes' Rule. LO2.3: Define and calculate mathematical expectation, and understand probability mass function and probability density function. LO2.4: Understand and apply theoretical distributions (Binomial, Poisson, Normal), and explain Poisson distribution as a limiting case of binomial distribution. CO3: Conduct sampling and hypothesis testing to draw inferences about populations from sample data. LO3.1: Differentiate between sampling and census methods and describe various sampling techniques. LO3.2: Identify and distinguish between sampling and non-sampling errors in statistics. LO3.3: Define statistical hypotheses, understand the distributions of test statistics, and differentiate between Type I and Type II errors. LO3.4: Conduct and interpret hypothesis tests using chi-square, t-test, and F-test. CO4: Analyze relationships between variables using correlation and regression techniques. LO4.1: Explain and calculate covariance and interpret scatter diagrams. LO4.2: Compute and interpret Spearman's rank correlation and Karl Pearson's coefficient of correlation. LO4.3: Understand the concept of regression, derive regression lines, and use the method of least squares. LO4.4: Calculate and interpret the coefficient of determination (R^2) and standard error of estimate. CO5: Construct and interpret various types of index numbers for economic and business analysis. LO5.1: Explain the types and uses of index numbers. LO5.2: Construct index numbers using the simple aggregate method and the weighted aggregate method (Laspeyres, Paasche, Fisher's price index). LO5.3: Compute simple and weighted averages of price relatives and discuss the problems involved in constructing index numbers. LO5.4: Analyze the applications of index numbers in economic and business contexts.

Course Code : ECOC8

CO1: Understand and apply first-order difference equations to model and analyze economic phenomena. LO1.1: Define and solve first-order difference equations. LO1.2: Interpret the solutions of difference equations in economic contexts. LO1.3: Apply difference equations to model economic dynamics, such as inventory control and market equilibrium. LO1.4: Analyze the stability of economic models using difference equations. CO2: Use partial and total differentiation to analyze and solve problems in economics, including production and consumer theory. LO2.1: Perform partial and total differentiation of functions involving several variables. LO2.2: Apply differentiation techniques to analyze indifference curves and derive expansion paths. LO2.3: Evaluate production functions, including homogeneous functions, using Euler's Theorem. LO2.4: Analyze and compare the properties of Cobb-Douglas and CES production functions. CO3: Apply methods of unconstrained optimization to solve economic problems involving single and multiple variables. LO3.1: Perform unconstrained optimization for functions of one variable and interpret economic applications. LO3.2: Solve unconstrained optimization problems involving multiple variables. LO3.3: Analyze economic scenarios such as discriminating monopoly and multiproduct monopoly using optimization techniques. LO3.4: Interpret the results of optimization in the context of economic decision-making. CO4: Use Lagrange multipliers to solve constrained optimization problems and apply these methods to consumer and producer equilibrium. LO4.1: Explain the concept of constrained optimization and the role of Lagrange multipliers.

LO4.2: Apply Lagrange multipliers to solve optimization problems with equality constraints. LO4.3: Analyze consumer equilibrium using constrained optimization techniques. LO4.4: Apply constrained optimization to determine producer equilibrium and interpret the results. CO5: Formulate and solve linear programming problems using simplex methods and interpret economic implications of duality. LO5.1: Explain the assumptions underlying linear programming and formulate linear programming problems. LO5.2: Solve linear programming problems using simplex method. LO5.3: Analyze the economic interpretation of duality in linear programming. LO5.4: Compare and contrast the primal and dual problems in linear programming and their economic implications.

Course Code : MINECO4

CO1: Understand and apply fundamental mathematical concepts such as sets, relations, and functions to economic models. LO1: Define different types of sets and operations on sets. LO2: Explain ordered pairs and Cartesian products. LO3: Describe the properties and graphs of various functions including polynomial, rational, exponential, and logarithmic functions. LO4: Demonstrate the concepts of limit and continuity for a function. CO2: Utilize matrix algebra and determinants to solve systems of linear equations and analyze economic models. LO1: Perform elementary operations on matrices including addition and multiplication. LO2: Calculate the rank and inverse of a matrix. LO3: Apply determinants and their properties to solve linear equations using Cramer's rule. LO4: Solve economic problems involving systems of linear equations using matrix methods. CO3: Apply differentiation techniques to analyze economic functions such as cost, revenue, and demand. LO1: Explain the rules of differentiation for functions of one variable. LO2: Calculate elasticity of demand and relate it to economic behavior. LO3: Differentiate between average and marginal costs using derivatives. LO4: Use second and higher order derivatives to solve economic problems and analyze cost functions. CO4: Employ integration techniques to derive total functions from marginal functions and solve economic problems. LO1: Apply basic rules of integration to solve indefinite integrals. LO2: Use substitution rule, integration by parts, and partial fractions to integrate functions. LO3: Derive total cost and revenue functions from marginal functions using integration. LO4: Solve economic problems involving indefinite integrals. CO5: Apply definite integrals to compute economic measures such as producer's and consumer's surplus. LO1: Explain the concept of definite integrals and their properties. LO2: Calculate producer's surplus using definite integrals. LO3: Calculate consumer's surplus using definite integrals. LO4: Solve economic problems involving definite integrals and interpret the results in economic terms.

Course Code : ECOC9

CO 1: Use the various theories of consumption function and investment function to examine the dynamics about aggregate consumption and investment. LO1.1: Describe the intertemporal budget constraint and its implications for consumer decision-making over time. LO1.2: Explain and compare the Relative Income Hypothesis, Permanent Income Hypothesis, and Life Cycle Hypothesis. LO1.3: Discuss the Accelerator Theory and q-Theory of investment, and their implications for investment behavior. LO1.4: Analyze the impact of taxation on investment decisions and how taxes influence overall investment spending. CO 2: Demonstrate the derivation of equilibrium in goods market and money market. LO2.1: Explain the Keynesian cross model and how it is used to derive the IS curve. LO2.2: Understand the concept of fiscal multipliers and their role in amplifying or dampening the effects of fiscal policy on equilibrium output. LO2.3: Analyze the impact of changes in interest rates on investment

and derive the IS curve. LO2.4: Evaluate the properties of the IS curve, including its slope and shifts, to interpret the effects of exogenous shocks and policy changes. CO 3: Demonstrate the derivation of equilibrium in goods market and money market. LO3.1: Analyze the determinants of money demand and supply, facilitating their comprehension of money market equilibrium and its implications for interest rates. LO3.2: Derive the LM curve by integrating money market equilibrium with variations in income levels and interest rate, enabling them to understand the relationship between interest rates and output. LO3.3: Interpret the LM curve using the Quantity-Equation approach LO3.4: Assess the factors causing shifts in the LM curve, such as changes in money supply or income velocity. CO 4: Integrate the IS and LM models to analyze general equilibrium and evaluate the implications of changes in fiscal policy and monetary policy on economic activity. LO4.1: Integrate the IS and LM curves to form the IS-LM model and explain the concept of general equilibrium in goods and money markets. LO4.2: Assess the impact of monetary policy shifts on the LM curve and the overall equilibrium. LO4.3: Evaluate the effectiveness of fiscal policies within the IS-LM model and understand the crowding out effect. LO4.4: Discuss the appropriate policy mix for stabilizing output and achieving economic objectives using the ISLM framework. CO 5: Explain the basic concepts of open economy macroeconomics, including exchange rates, balance of payments, and capital mobility, and evaluate their impact on economic activity. LO5.1: Differentiate between nominal and real exchange rates and their implications for international trade. LO5.2: Describe the components of the balance of trade and balance of payments, and analyze their significance in an open economy. LO5.3: Describe the components of the balance of trade and balance of payments, and analyze their significance in an open economy. LO5.4: Assess the impact of capital mobility on the balance of payments and overall economic equilibrium, including the choice between domestic and foreign assets.

Course Code : ECOC10

CO1: Discuss the fundamental concepts and scope of econometrics, as well as the statistical foundations necessary for econometric analysis. LO1.1: Explain the nature and scope of econometrics and differentiate between economic and econometric models. LO1.2: Describe the aims and methodology of econometrics and identify its limitations. LO1.3: Distinguish between population and sample, and explain the concepts of statistic, parameter, estimate, and estimator. LO1.4: Evaluate different methods of parameter estimation, including point and interval estimation, and discuss the properties of estimators. CO2: Formulating, estimate, and interpret simple and multiple linear regression models, and will be able to assess the goodness of fit and predictive power of these models. LO2.1: Differentiate between regression and correlation and explain the stochastic specification and the significance of the error term in regression analysis. LO2.2: Apply the ordinary least squares (OLS) method to estimate regression parameters and understand the assumptions underlying the Classical Linear Regression Model (CLRM). LO2.3: Evaluate the goodness of fit of regression models using R-squared and R-bar squared, and test the significance of estimated coefficients. LO2.4: Examine reported regression results in applied academic papers and interpret the results in a nontechnical manner for someone who is not trained in econometrics. CO3: Identify, assess, and correct for heteroscedasticity and autocorrelation in regression models, ensuring the reliability of their econometric analysis. LO3.1: Understand the problem and consequences of heteroscedasticity in regression analysis. LO3.2: Conduct tests to detect heteroscedasticity and apply alternative methods of estimation to address it. LO3.3: Identify the sources and consequences of autocorrelation in regression models. LO3.4: Perform tests to detect

autocorrelation and implement remedial measures to correct for it. CO4: Diagnose and address multicollinearity in regression models, ensuring accurate estimation and inference. LO4.1: Explain the nature and sources of multicollinearity in regression analysis. LO4.2: Differentiate between perfect and imperfect multicollinearity and understand their consequences. LO4.3: Detect multicollinearity using appropriate diagnostic tests. LO4.4: Apply remedies to mitigate the effects of multicollinearity in regression models. CO5: Conduct specification analysis in econometric models, identifying and correcting for omitted variables, irrelevant variables, and specification errors. LO5.1: Analyze the consequences of omitting relevant variables from a regression model. LO5.2: Assess the impact of including irrelevant variables in a regression model. LO5.3: Perform tests to detect specification errors in econometric models. LO5.4: Address errors in variables to ensure accurate model specification and estimation.

Course Code : ECOC11

CO1: Understand the fundamental concepts and distinctions between economic growth and development, and evaluate the factors influencing economic development. LO 1.1: Define economic development and underdevelopment, and distinguish between economic growth and development. LO 1.2: Identify and explain the various indicators and measurements used to assess economic development. LO 1.3: Analyze the factors that affect economic growth, including the roles of agriculture, industry, and infrastructure. LO 1.4: Evaluate the historical evolution of development economics and its impact on contemporary economic policies. CO2: Analyze various development strategies and their implications for achieving sustainable economic growth. LO 2.1: Explain the stages of economic growth as proposed by Rostow and their relevance to modern economies. LO 2.2: Discuss the low-level equilibrium trap and the critical minimum effort hypothesis. LO 2.3: Compare and contrast the big push theory with the concepts of balanced and unbalanced growth. LO 2.4: Assess the implications of choosing different techniques and strategies for economic development. CO3: Understand and apply various economic growth models to analyze long-term economic performance. LO 3.1: Describe the classical growth model and its foundational principles. LO 3.2: Analyze the Harrod-Domar model and its application to economic planning. LO 3.3: Evaluate the contributions of Kaldor, Solow, Meade, and endogenous growth models (such as Romer's version) to growth theory. LO 3.4: Apply growth models to understand real-world economic growth scenarios and predict future trends. CO4: Understand the concepts and measurement of poverty and inequality, and explore their relationship with economic development. LO 4.1: Define and differentiate various measures of poverty, including head count ratio, Sen's Index, HPI, and MPI. LO 4.2: Explain and calculate inequality measures such as the Gini coefficient and Lorenz curve. LO 4.3: Analyze the relationship between inequality and economic development, identifying key mechanisms that generate poverty traps. LO 4.4: Discuss the concept of path dependence in growth processes and its implications for policy making. CO5: Evaluate the role of political institutions and governance in shaping economic development and performance. LO 5.1: Identify the determinants of democracy and their impact on economic performance. LO 5.2: Compare alternative institutional trajectories and their relationship with economic outcomes. LO 5.3: Analyze the relationship between democracy and economic development within different country contexts. LO 5.4: Assess the effects of state ownership, regulation, government failures, and corruption on economic development.

Course Code : MINECO5

CO1: Describe the fundamental concepts of econometrics, including its scope, methodology, and essential statistical foundations necessary for econometric analysis. LO1.1: Define and explain the nature, scope, and aims of econometrics and differentiate between economic and econometric models. LO1.2: Distinguish between population and sample, and understand the concepts of statistics and parameters. LO1.3: Explain the methods of parameter estimation, including point and interval estimation, and identify the properties of good estimators. LO1.4: Formulate statistical hypotheses, understand Type I and Type II errors, and perform hypothesis testing using chi-square, t, and F-tests. CO2: Discuss probability theory and its applications in econometrics, including key probability distributions. LO2.1: Explain the basic concepts of probability, including classical and empirical definitions, and apply the addition and multiplication theorems. LO2.2: Understand and apply the concepts of conditional probability and independence of events, and explain Bayes' Rule. LO2.3: Define and compute mathematical expectation, probability mass function, and probability density function. LO2.4: Describe and utilize theoretical probability distributions, including the binomial, Poisson, and normal distributions, and understand the relationship between binomial and Poisson distributions. CO3: Formulate and estimate linear regression models, understanding their assumptions, and evaluating their performance. LO3.1: Differentiate between regression and correlation, and between linearity and non-linearity in the context of econometric modeling. LO3.2: Explain the stochastic specification of econometric models and the significance of the error term in regression analysis. LO3.3: Apply the principle of ordinary least squares (OLS) for parameter estimation and understand the assumptions underlying the Classical Linear Regression Model (CLRM). LO3.4: Assess the goodness of fit of regression models using R-squared and R-bar squared, and test the significance of estimated coefficients. Understand the use and implications of qualitative (dummy) independent variables and avoid the dummy variable trap. CO4: Identify and address issues arising from heteroscedasticity and autocorrelation in regression models, understanding their consequences and remedies. LO4.1: Understand the problem of heteroscedasticity, its consequences on regression analysis, and various tests for detecting it. LO4.2: Explore alternative methods for estimating regression models in the presence of heteroscedasticity. LO4.3: Identify the sources and consequences of autocorrelation in regression models. LO4.4: Apply tests for detecting autocorrelation and implement remedial measures to address it. CO5: Discuss the nature, consequences, detection, and remedies of multicollinearity in regression analysis. LO5.1: Explain the nature of the multicollinearity problem and distinguish between perfect and imperfect multicollinearity. LO5.2: Identify the sources and consequences of multicollinearity in regression models. LO5.3: Detect multicollinearity using various diagnostic tests. LO5.4: Implement remedial measures to address multicollinearity and improve the reliability of regression estimates.

Course Code : ECOC12

CO 1: Analyze the stages of demographic transitions in the context of economic development. LO 1.1: Explain and calculate demographic measures including birth rates, death rates, fertility rates, and mortality rates. LO 1.2: Describe the phases of demographic transition and their implications for economic development. LO 1.3: Analyze the evidence of gender bias in demographic preferences and outcomes within households. LO 1.4: Evaluate the connections between economic variables such as income and fertility choices, and their impact on human capital. LO 1.5: Analyze the causes and consequences of migration on both sending and receiving regions. CO 2: Evaluate the relationships

between income, mortality, fertility choices, and human capital accumulation. LO 2.1: Explain the connections between income levels and fertility choices in different socio-economic contexts. LO 2.2: Analyze the impact of mortality rates on economic development and human capital accumulation. LO 2.3: Assess how variations in fertility choices influence human capital development. CO 3: Examine the role of land, labour and credit market on economic development. LO 3.1: Evaluate the impact of improved nutrition on labor productivity in rural areas. LO 3.2: Analyze the dynamics of tenant-landlord relationships and their impact on rural economies. LO 3.3: Assess the impact of microfinance on rural economic development. CO 4: Analyze the impact of economic activity on climate change. LO 4.1: Define and discuss the concept of sustainability for renewable resources. LO 4.2: Explain the challenges and strategies in managing common-pool resources LO 4.3: Evaluate the effectiveness of state regulations in managing environmental externalities. LO 4.4: Evaluate the economic and social consequences of climate change. CO 5: Evaluate the role of communities in economic development. LO 5.1: Explain the economic roles played by communities in rural development. LO 5.2: Analyze the impact of community failures on economic development. CO 6: Evaluate the role of trade and globalization on economic development. LO 6.1: Explain the connection between trade and economic growth, including both static and dynamic gains. LO 6.2: Discuss the Prebisch-Singer Thesis and its implications for global inequality. LO 6.3: Analyze the effectiveness of foreign aid in promoting economic growth.

Course Code : ECOC13

CO1: State and analyze the fundamental theories of international trade and their implications for global trade practices. LO1: Explain the subject matter of international economics and the historical views of Mercantilists on trade. LO2: Describe Adam Smith's absolute advantage theory and Ricardo's theory of comparative advantage. LO3: Analyze the concepts of reciprocal demand, offer curves, and terms of trade. LO4: Discuss the opportunity cost theory and its relevance to international trade. CO2: Evaluate the role of factor endowments in international trade and the impact of trade on income distribution. LO1: Explain the Heckscher-Ohlin theorem and its significance in international trade. LO2: Discuss the Factor Price Equalization theorem and the sources of its disruptions. LO3: Analyze the effect of trade on income distribution using the Stolper-Samuelson theorem and the specific factors model. LO4: Understand the Leontief paradox and its implications for trade theory. CO3: Assess various trade policies and their impact on international trade. LO1: Explain the arguments for and against free trade. LO2: Discuss the political economy of protectionism and its implications. LO3: Analyze the instruments of trade policy, including tariffs, quotas, subsidies, and voluntary export restraints. LO4: Understand the objectives and major agreements of the World Trade Organization (WTO). CO4: Comprehend and analyse the concepts of balance of payments and exchange rates and their impact on international economic relations. LO1: Explain the principles of balance of payments accounting and the difference between balance of payments and balance of trade. LO2: Describe the concept of exchange rates, including spot and forward exchange rates. LO3: Analyze the determination of equilibrium exchange rates and evaluate the fixed and flexible exchange rate systems. LO4: Understand the purchasing power parity theory and the relationship between exchange rates and balance of payments. CO5: Evaluate the evolution of the international monetary system and the role of international financial institutions. LO1: Describe the historical context and functioning of the Gold Standard and the interwar years (1918-1939). LO2: Explain the Bretton Woods System and its significance in the international monetary system. LO3:

Analyze the managed floating regime and its impact on global monetary stability. LO4: Understand the objectives, functions, achievements, and failures of the International Monetary Fund (IMF).

Course Code : ECOC14

CO 1: Comprehend the basic tenets of Mercantilism and evaluate the contributions of the classical economists. LO 1.1: Explain the basic tenets of Mercantilism and Physiocracy. LO 1.2: Discuss the contributions of Adam Smith, David Ricardo, T.R. Malthus, J.B. Say, and J.S. Mill to Classical economic theory. LO 1.3: Evaluate the relevance and influence of Classical economic theories in contemporary economic contexts. CO 2: Analyze the ideas of the historical school and the main tenets of state socialism and scientific socialism. LO 2.1: Describe the Positive and Critical ideas of the Historical School in reaction to Classicism. LO 2.2: Explain the principles of State Socialism as proposed by J.K. Rodbertus and F. Lassalle. LO 2.3: Outline the main tenets of Marxian Thought and its critique of Classical economics. CO 3: Identify the factors giving rise to subjectivism and marginalism. LO 3.1: Identify the factors that led to the rise of Subjectivism and Marginalism in economics. LO 3.2: Discuss the economic ideas of Léon Walras and Carl Menger. LO 3.3: Evaluate the contributions of Alfred Marshall and Knut Wicksell to Neo-Classical economic theory. CO 4: Examine the contributions of neo-classicism and evaluate the Keynesian and post-Keynesian developments in economic thought. LO 4.1: Explain the salient features of Keynes' General Theory of Employment, Interest, and Money. LO 4.2: Discuss the concept of the multiplier and the theory of employment according to Keynes. LO 4.3: Evaluate the contributions of Post-Keynesian economists such as Friedman, Tobin, and Samuelson. CO 5: Analyze the historical and contemporary relevance of Indian economic ideas. LO 5.1: Discuss the development of Indian economic thought and its historical context. LO 5.2: Explain the economic ideas of Kautilya, Dadabhai Naoroji, Mahatma Gandhi, and D.R. Gadgil. LO 5.3: Evaluate the influence of Indian economic thought on modern economic policies and practices.

Course Code : ECOC15

CO 1: Evaluate the subject matter of Public Finance. LO1.1: Explore the role of public finance in market economies and the characteristics of public goods versus private goods. LO 1.2: Analyze the Free Rider problem and its implications for public goods provision. CO 2: Analyse the characteristics of a good tax system, assess the distribution of the burden of taxation and analyze the effects of taxation. LO 2.1: Identify and classify various sources of tax and non-tax revenue. LO 2.2: Apply principles of taxation to real-world scenarios and understand the effects and incidence of taxation. LO 2.3: Analyze India's tax system and evaluate its main features. CO 3: Assess the role of public expenditure and public debt and examine the reasons for their growth. LO 3.1: Explain the theories and effects of public expenditure and its role in economic growth. LO 3.2: Discuss the significance of public expenditure in India. LO 3.2: Discuss the mechanisms, sources, and effects of public debt and analyze the growth of public debt in India. CO 4: Examine the role of government budget. LO 4.1: Analyze budgetary policies in India, including components of revenue and capital budgets, and trends in central government receipts and expenditure. LO 4.2: Evaluate the latest Union Budget of India. CO 5: Evaluate the role of fiscal policy in developed and less developed countries. LO 5.1: Discuss fiscal federalism, including the principles for efficient division of financial resources and methods of resource transfer. LO 5.2: Explain the Centre-State financial relations in India.

Course Code : MINECO6

CO 1: Evaluate the subject matter of Public Finance. LO1.1: Explore the role of public finance in market economies and the characteristics of public goods versus private goods. LO 1.2: Analyze the Free Rider problem and its implications for public goods provision. CO 2: Analyse the characteristics of a good tax system, assess the distribution of the burden of taxation and analyze the effects of taxation. LO 2.1: Identify and classify various sources of tax and non-tax revenue. LO 2.2: Apply principles of taxation to real-world scenarios and understand the effects and incidence of taxation. LO 2.3: Analyze India's tax system and evaluate its main features. CO 3: Assess the role of public expenditure and public debt and examine the reasons for their growth. LO 3.1: Explain the theories and effects of public expenditure and its role in economic growth. LO 3.2: Discuss the significance of public expenditure in India. LO 3.3: Discuss the mechanisms, sources, and effects of public debt and analyze the growth of public debt in India. CO 4: Examine the role of government budget. LO 4.1: Analyze budgetary policies in India, including components of revenue and capital budgets, and trends in central government receipts and expenditure. LO 4.2: Evaluate the latest Union Budget of India. CO 5: Evaluate the role of fiscal policy in developed and less developed countries. LO 5.1: Discuss fiscal federalism, including the principles for efficient division of financial resources and methods of resource transfer. LO 5.2: Explain the Centre-State financial relations in India.

Rajesh Kumar
Principal & Secretary
Nazira College, Nazira

EDUCATION

PROGRAMME LEARNING OUTCOMES: An undergraduate student of Education should be able to:

PLO 1. Demonstrate familiarity with the major concepts, theoretical perspectives and latest trends in the field of education.

PLO 2. Use scientific approach to address issues related to problems of learning.

PLO 3. Apply psychological principles to meet various issues and challenges in the field of education.

PLO 4. Apply knowledge, skills and theories of education to solve educational problems both in familiar and non-familiar contexts and apply the learning to real life situations.

PLO 5. Demonstrate professional competencies that are required to develop, select and use informal and formal, diagnostic, continuous and comprehensive evaluation to estimate pupils' achievement and provide timely, effective and appropriate feedback to students about their achievement along the line of their predetermined learning goals and participate effectively in the construction procedure of evaluation tools.

PLO 6. Demonstrate teaching competencies required for keeping oneself professionally engaged.

PLO 7. Demonstrate competencies in learning to update knowledge and practice targeted to improve professional knowledge and practice.

Course Code : EDNC1

Course Outcomes (COs): The students will be able to –

CO1: Explain the meaning, nature, scope and types of Education LO 1.1: explain the modern concept of Education and its scope LO 1.2: describe the types of Education LO 1.3: explain the aims and functions of Education based on four pillars of Education LO 1.4: discuss the functions of Education in Human life and National life. CO2: Explain the meaning, nature and scope of Psychology and Educational Psychology. LO 2.1: describe the concept and branches of Psychology LO 2.2: explain the schools of Psychology LO 2.3: describe the concept and scope of Educational Psychology LO 2.4: describe the methods of Educational Psychology LO 2.5: discuss the application of Educational Psychology in teaching learning process CO3: Explain the meaning, nature and scope of Philosophy and Educational Philosophy LO 3.1: explain the concept and scope of Philosophy LO 3.2: discuss the relationship between Education and Philosophy LO 3.3: describe the concept and scope of Educational Philosophy LO 3.4: discuss the role of Philosophy in different aspects of Education. CO4: Explain the meaning, nature and scope of Sociology and Educational

Sociology LO 4.1: explain the concept and scope of Sociology LO 4.2: discuss the relationship between Education and Sociology LO 4.3: discuss the need of Sociological approach to Education LO 4.4: explain the concept and scope of Educational Sociology LO 4.5: explain the conflict and consensus theories of Educational Sociology.

Course Code : MINEDN1

CO1. Explain the role of Philosophy in Education LO1 describe the meaning, nature and scope of Philosophy LO2 describe the relation between Education and Philosophy LO3 describe the meaning, nature and scope of Philosophy of Education CO2. explain/discuss the role of education LO1 describe the role of Philosophy in determining the aims, curriculum and methods of education. LO2 describe the role of Philosophy in determining the role of the teachers. CO3. Analyse the influences of Indian Schools of Philosophy on education LO1 distinguish the basic features and classification of Indian Philosophy LO2 outline the influences of Yoga Philosophy on education LO3 appraise the influences of Vedanta Philosophy on education CO4. Evaluate the influences of Western Schools of Philosophy on education LO1 interpret the basic features and classification of Western Philosophy LO2 assess and value the influences of Idealism, Naturalism and Pragmatism on education.

Course Code : SEC 104

CO1: Explain Personality development, leadership qualities, and self development for career growth. LO 1.1: describe the meaning and characteristics of a developed personality. LO 1.2: discuss the personality types for Leadership qualities LO 1.3: discuss the factors for pleasing and influencing personality LO 1.4: discuss the factors for Self development LO 1.5: prepare a holistic plan for self-improvement. LO 1.6: describe the importance of individual Competence and Resilience CO2: Describe hard skills and soft skills, and accomplish Personal and Interpersonal traits for development of Soft skills LO 2.1: define hard skills and soft skills LO 2.2: discuss the personal and interpersonal traits for development of Soft skills LO 2.3: appraise the need of various types of soft skills demanded by employers. CO3: Describe the important components, types and skills of Communication LO 3.1: explain Communication and its types LO 3.2: present the Communication structure LO 3.3: discuss the important components of a dialogue LO 3.4: describe Listening skills for effective communication LO 3.5: demonstrate good presentation skills CO4: Prepare learners for the twenty first century job market LO 4.1: prepare job application LO 4.2: prepare a modern C.V. for attracting employer. LO 4.3: recognise feelings, diagnose needs and fears, and show one's ability to deal with interview anxiety. LO 4.4: Show the Professional Etiquettes to make a lasting impression.

Course Code : EDNC2

CO1: Demonstrate the knowledge of the development of Indian education system from ancient period to 1944. LO 1.1: Describe the unique features of the ancient Indian education system with reference to Vedic, Buddhist and Islamic education systems. LO 1.2: explain the contributions of Missionaries in the development of modern Education in India. LO 1.3: discuss the landmarks in the development of Indian

Education till 1944. CO2: Demonstrate the understanding of the concept of curriculum, types of curriculum, concept of cocurricular activities, importance and organization of co-curricular activities. LO 2.1: define the concepts of curriculum, textbook, syllabus and co-curricular activities. LO 2.2: explain the importance of different types of curriculum and co-curricular activities. LO 2.3: discuss the organization process of co-curricular activities. CO3: Analyze some global issues in Indian education. LO 3.1: explain the impacts of global issues like globalization, liberalization, privatization on education in India. LO 3.2: examine the role of education in achieving Sustainable Development Goals 4 (SDG4) in India. LO 3.3: discuss the need and importance of population education, environmental education and peace education in the present context of the society. LO 3.4: explain the issue of International Student Mobility in the context of Indian education. CO4: Analyze some contemporary issues and systems of Indian education. LO 4.1: explain the importance of NAAC, IQAC, Criteria Based Assessment and Gunotsav in assessing and accreditation of educational institutions in India. LO 4.2: discuss the importance and challenges of virtual teaching in India. LO 4.3: examine the benefits and challenges of MOOC, SWAYAM, Open Book Examination (OBE), and Education-Industry Link in India.

Course Code : MINEDN2

CO 1: Define the meaning and nature of Psychology and Educational Psychology LO 1.1: define the meaning and nature of Psychology LO 1.2: discuss about the various schools of Psychology LO 1.3: define the meaning and nature of Educational Psychology LO 1.4: describe the importance of Psychology in classroom teaching CO 2: Define the meaning and nature of learning LO 2.1: define the meaning and nature of learning LO 2.2: identify the factors of learning LO 2.3: classify the types of learning LO 2.4: explain the theories of learning LO 2.5: describe the meaning and role of motivation in learning LO 2.6: differentiate between attention and interest; memory and learning CO 3: Define the meaning and nature of intelligence and creativity LO 3.1: identify the factors of intelligence LO 3.2: elaborate the theories of intelligence LO 3.3: describe the concept of emotional intelligence LO 3.4: define the meaning and nature of creativity LO 3.5: apply creativity in classroom LO 3.6: explain education of exceptional children CO 4: Define the concept of personality and mental health LO 4.1: define the meaning and state characteristics of personality LO 4.2: explain factors of personality LO 4.3: explain the theories of personalities LO 4.4: explain the concept of balanced mature personality LO 4.5: differentiate mental health and mental hygiene LO 4.6: describe adjustment of mechanism LO 4.7: differentiate instinct and emotion LO 4.8: explain educationally significant instinct and provisions for training LO 4.9: relate instincts and emotion LO 4.10: apply the emotional training in the classroom.

Course Code : SEC204

CO 1: Explain the concept and features of ICT. LO 1.1: Describe the concept and features of ICT LO 1.2: Identify the ICT devices and tools used in education. CO 2: Discuss the role of ICT in educational settings. LO 2.1: Explain the role of ICT in the teaching-learning process LO 2.2: identify the merits and demerits of using ICT in Education. CO 3: Demonstrate the skill of using ICT in the field of education LO 3.1: Demonstrate the skill of using ICT devices in the teaching-learning process LO 3.2: Develop a teaching plan using a Learning Management system.

Course Code : EDNC3

CO1: Demonstrate the understanding of the Indian schools of philosophy and education. LO 1.1: describe the basic features and classification of Indian Philosophies-Yoga and Vedanta. LO 1.2: explain the influence of Buddhism on education in India. LO 1.3: discuss the impact of Indian schools of philosophy in the present system of education in India. CO2: Demonstrate the understanding of the Western schools of philosophy and education. LO 2.1: describe the basic features of Western Philosophy. LO 2.2: explain the role of Idealism, Naturalism and Pragmatism in determining aims of education, curriculum, method of teaching, role of teacher and discipline in education. LO 2.3: discuss the impact of Western schools of philosophy in the present system of Indian education. CO3: Apply the knowledge of understanding education and society. LO 3.1: explain Conflict Theory and Consensus Theory along with their merits & demerits. LO 3.2: examine the role of education in socialization process. LO 3.3: discuss the role of education in preservation, transformation, and promotion of culture. LO 3.4: examine the role of education in social change and social mobility. LO 3.5: discuss education as a process of Human Resource Development. CO4: Analyze the relationship between education and political ideologies. LO 4.1: explain the importance of constitutional values i.e. Equality, Freedom, Justice, Fraternity, Secularism, Human Rights in India. LO 4.2: discuss the role of education in inculcating democratic values in India. LO 4.3: describe the nature of education in totalitarian society and communist society. LO 4.4: examine the role of education in a secular society.

Course Code : EDNC4

CO1: Explain the meaning, types, functions and sources of values. LO1.1: describe concept, meaning and definition of values. LO1.2: discuss sources of values, Socio- cultural tradition, Religion and Constitution. CO2: Explain the meaning, objectives and dimensions of Value education and illustrate the importance, policy perspectives, methods and techniques of Value education. LO2.1: describe Value Education and its Objectives and Dimensions. LO2.2: generalize the importance of Value Education in the 21st century. LO2.3: discuss the policy perspective on Value Education in India. CO3: Interpret the perspectives of Value education of the East and West. LO3.1: identify the perspectives of Value Education in East. LO3.2: demonstrate the perspectives of Value Education in the West. CO4: Generalize the meaning, objectives, pedagogy and the ways of integrating Peace education in the curriculum. LO4.1: describe the meaning and concept of Peace Education, State the Objectives of Peace Education and the Pedagogy of Peace Education. LO4.2: appraise Peace Education in the curriculum. CO 5: Explain the importance of teachers, Principals and parents in imparting peace education. LO5.1: discuss Peace Education for a better world.

Course Code : MINEDN3

CO1: Describe the concept of sociological approach of Education. LO 1.1 Analyse different concepts related with sociological approach of education. LO 1.2 Explain the concept, approaches of educational sociology. CO2: Describe the theories of Educational Sociology. LO 2.1 Explain different theories of educational sociology CO3: Explain socialization, emotional and national integration and internationalization. LO 3.1 Discuss the role of education in socialization process. LO 3.2 Explain the importance of emotional and national integration. LO 3.3 Discuss the role of education in internationalization. CO4: Describe the role of education in social change and development. LO 4.1 Explain the role of education in social change and economic development. LO 4.2 Illustrate cultural changes. LO 4.3 Discuss the role of education in human resource development. CO5: Discuss the importance of Education for socially and economically disadvantaged groups of Indian society. LO 5.1

Illustrate the socio-economic status of various social groups. LO5.2 Identify the role of education in development of the disadvantaged groups. LO 5.3 Analyse the constitutional provisions for education of different sections of the society.

Course Code : GECEDN 3B

CO1: Explain the meaning, nature, scope of Guidance and Counselling and its role in education. LO 1.1: describe the principles of guidance and the various types of guidance in Education. LO 1.2: discuss the impact of various types of guidance in education. CO2: Discuss about counseling in education. LO 2.1: describe the concept and characteristics of counselling. LO 2.2: recognize the role of different types of counselling in education. LO 2.3: organize counselling services at schools. LO 2.4: evaluate the counseling programme at school after conduction. CO3: Generalize the use of different tools and techniques of guidance and counseling: LO 3.1: explain the concept of tools and techniques used in guidance and counseling. LO 3.2: demonstrate the use of the tools and techniques in education. LO 3.3: differentiate between the testing and non-testing devices in guidance. LO 3.4: apply the techniques of counselling to resolve various psychological problems faced by the students. CO4: Evaluate guidance and counseling services conducted in schools or colleges. LO 4.1: justify the concept and scope of guidance and counseling services. LO 4.2: recommend the functions of guidance and counseling services at schools. LO 4.3: choose and create an environment to organize the guidance programme at schools.

Course Code : EDNC-5

CO1: Distinguish and explain the concepts of growth and development, stages of human development and factors affecting holistic development of a learner. LO 1.1: Explain the concept of growth and development LO 1.2: Describe the principles and stages of development LO 1.3: Explain the developmental characteristics of the Adolescence stage and their interrelationships LO 1.4: Discuss the factors affecting holistic development of a learner CO2: Describe the characteristics affecting learners' learning in relation to various psychological dimensions, factors affecting learning. LO 2.1: Explain the concept of various psychological dimensions, relationship with learning and educational implications LO 2.2: Discuss the factors affecting learning LO 2.3: Describe Bloom's Taxonomy of learning and its revised form. LO 2.4: Describe Pedagogic principles of educational theories. LO 2.5: Explain the concept of Guidance and Counselling and its role in enhancing learning. LO 2.6: Describe learner from different perspectives CO3: Explain the meaning, significance and causes of individual difference in learners with respect to different contexts. LO 3.1: Explain the concept of Individual difference and its significance in classroom. LO 3.2: Describe Individual differences in learners with respect to different contexts. LO 3.3: Describe differently-abled learners. LO 3.4: Describe Individual differences in learners with respect to socio-cultural contexts. LO 3.5: Explain ways to cater to Individual differences. LO 3.6: Explain the Paradigms for organizing learning CO4: Explain the concept and development of personality and evaluate the role of education in promoting good adjustment in adolescents. LO 4.1: Describe the concept of personality, self concept and its development among learners. LO 4.2: Describe the concept of mental health and characteristics of a mentally healthy person. LO 4.3: Describe the concept of adjustment and role of education in adjustment. LO 4.4: Discuss the Causes of maladjustment and the problems of adolescent adjustment. LO 4.5: Evaluate the role of media and technology influences on learning.

Course Code : EDNC-6

CO 1: Develop the concepts and nature of educational and instructional technology. LO 1.1: Describe the concept and nature of educational technology. LO 1.2: Describe the concept and nature of Instructional technology. LO 1.3: Discuss the development of educational technology in India. LO 1.4: Discuss the components of educational technology. LO 1.5: Distinguish between educational technology and instructional technology CO 2: Explain ICT and its use in education. LO 2.1: Describe the concept and development of ICT LO 2.2: Explain the role of computers in education LO 2.3: Describe the application of ICT in teaching and evaluation LO 2.4: Describe the meaning and importance of E-learning. LO 2.5: Explain the role of the Internet in the education system LO 2.6: Discuss the ethical considerations of using ICT. CO 3: Understand the role of Communication in teaching learning. LO 3.1: Describe the concept and nature of communication. LO 3.2: Describe the components of communication. LO 3.3: Describe the process of classroom communication. LO 3.4: Explain the significance of communication in learning LO 3.5: Discuss the barriers to effective classroom communication LO 3.6: Explain the steps of making classroom communication effective. LO 3.7: Discuss the qualities of a good classroom communicator. CO 4: Understand the instructional strategies and models of learning. LO 4.1: Describe the concepts and Characteristics of Models of teaching. LO 4.2: Explain the families of teaching models. LO 4.3: Describe the inquiry training model. LO 4.4: Describe the Classroom meeting model. LO 4.5: Explain the Personalized system of instruction. LO 4.6: Describe the Meaning, nature, forms, merits and demerits of CAI LO 4.7: Explain the Meaning, Characteristics and Types of Programmed Learning. LO 4.8: Describe the concept of Open and Distance education. LO 4.9: Discuss the concept and use of Team Teaching. CO 5: Understand the concept of technology-based learning resources and their uses. LO 5.1: Describe the types of audio-visual learning resources LO 5.2: Describe the meaning and use of non-projected learning resources. LO 5.3: Discuss the uses of e-resources. LO 5.4: Explain the meaning and functions of EDUSAT. LO 5.5: Discuss the concept and use of E-Pathshala. LO 5.6: Discuss the uses of open-access resources.

Course Code : EDNC7

CO1. Define the key concepts of Mental Health and demonstrate sensitivity towards mental health issues, arrange awareness and sensitization programs on need for promotion of mental health. LO1.1: Describe the concept of Health, Well-being, Mental Hygiene, Psychological Health and Psychological first aid. LO1.2: Describe history of Mental Health LO1.3: Discuss the issues of mental health in India and the globe. LO1.4: Discuss the mental health challenges LO1.5: Demonstrate awareness in reducing stigma associated with mental health. LO1.6: Discuss the role of Psychiatrist, Psychologist, Counselor, Psycho-Peer mentoring and Psychiatric Social Worker. CO2. Explain the Mental Health Issues in Adolescents and Young Adults. LO2.1: Explain the causes of mental health issues in adolescents and young adults (stress; academic grades; relational issues with parents, friends, romantic partners; Peer pressure and bullying; Identity crisis; Body image issues; Career and occupation related issues in young adults; Depression: sign and symptoms; Eating disorders: sign and symptoms; Self-harming and suicidal tendencies: Preventive treatment measures; Substance abuse) CO3. Explain primary concepts of Positive Psychology and Positive Education, explain the development and areas of Positive Education and its contribution to well-being. LO3.1: Discuss the background, concept, aim, and implications of Positive Psychology. LO3.2: Discuss the dimensions (Pleasant Life, Engaged Life, Positive Relationship, Meaningful Life and Positive Accomplishment) of happiness and flourishing life. LO3.3:

Discuss the role of Positive institutions: healthy family, healthy institutions, democracy LO3.4: Discuss the concept, development, areas of Positive Education. CO4. Explain concepts and dimensions of the strengths and virtues for personal development and enhancement, demonstrate the skills and activities of the strengths and virtues for personal development and enhancement. LO4.1: Discuss the concept and dimensions of personal goal, self regulation, optimism, gratitude, forgiveness, flow and mindfulness. LO4.2: Demonstrate the ways of setting personal goals. LO4.3: Demonstrate self regulation. LO4.4: Demonstrate optimism. LO4.5: Demonstrate positive emotion (gratitude and forgiveness). LO4.6: Demonstrate flow and mindfulness.

Course Code : EDNC-8

CO1: Describe the concept of children with diverse needs- LO 1.1: Explain the meaning, nature and characteristics of children based on gender. LO 1.2: Explain the meaning, nature and characteristics of SC, ST, Minorities, Refugees, Migrants. LO 1.3: Describe the meaning, nature and characteristics of children with disabilities. CO2: Describe the concept of inclusive education- LO 2.1: Explain the objectives, needs and importance of inclusive education. LO 2.2: Describe the historical development of inclusive education. LO 2.3: Explain the barriers of education for children with diverse needs. LO 2.4: Suggest strategies to overcome the barriers of education for children with diverse needs. LO 2.5: Explain the concept of curriculum adaptation and its need for addressing issues of children with diverse needs. CO3: Describe policies and legislations for diverse needs education & rehabilitation- LO 3.1: Explain the international policies and legislations. LO 3.1: Explain the national policies and legislations. CO4: Explain about organization and management of schools to address socio-cultural diversity- LO 4.1: Describe about different curricular and co-curricular activities for meeting diverse needs of children. LO 4.2: Explain the role of the families, communities and NGOs in promoting inclusive education LO 4.3: Explain various schemes and programmes for education of socially disadvantaged section in India LO 4.4: Describe about the use of ICT in meeting the diverse needs of children.

Course code : MINEDN-4

CO1: Describe the Educational Heritage of India: LO 1.1: Describe the educational system in Ancient India with special reference to Vedic Education and Buddhist Education. LO 1.2: Describe the salient features of Islamic System of Education in Medieval India. LO 1.3: Discuss the educational implications of Vedic, Buddhist and Islamic System of education. LO 1.4: Analyse the relevance of Vedic, Buddhist and Islamic System of education in the present education system of India. CO 2: Describe the Indian Education during British Period (1813-1900): LO 2.1: Describe the Indigenous System of Education at the advent of the British rule. LO 2.2: Discuss the educational activities of Missionaries in India. LO 2.3: Discuss the educational activities of East India Company. LO 2.4: Analyse the Hunter Commission's educational reforms in Colonial India (1882) LO 2.5: Discuss the education system of India during British Period. CO 3: Describe educational development in India during twentieth century: LO 3.1: Discuss the Lord Curzon's policy and its implications on Indian Education. LO 3.2: Describe the recommendations of the Indian University Commission (1902), Calcutta University Commission (1917-1919), Sargent Commission (1944) and their implications on Indian Education LO 3.3: Discuss the University Act (1904), Gokhale's Bill on Primary Education (1910- 12) LO 3.4: Discuss the Wardha Scheme of Basic Education

and its relevance in present Indian education system CO 4: Describe the recent educational development in India: LO 4.1: Explain the Constitutional Provisions in Indian Constitution LO 4.2: Explain the roles of various Commissions and Committees in the development of education in post independent India.

Course Code : EDNC-9

CO1: Express the knowledge of the educational heritage in India. LO 1.1: Describe the educational heritage in India during Vedic, Buddhist and Muslim Period with special reference to its aims and objectives, system of administration and finance, methods of teaching, types of educational institutions, curriculum, and teacher pupil relationship. LO 1.2: Describe the system of women education in India during Vedic, Buddhist and Muslim period. LO 1.3: Discuss the similar and contrasting elements amongst the Vedic, Buddhist and Islamic education system. LO 1.4: Compare the aims and objectives, system of administration and finance, methods of teaching, types of educational institutions, curriculum, teacher-pupil relationship, and women education of Vedic, Buddhist and Islamic education system. CO2: Express the understanding of the advent of modern education in pre independent India. LO 2.1: Explain the concept and features of indigenous system of education at the advent of British rule. LO 2.2: Describe the types of indigenous educational institutions at the advent of British rule. LO 2.3: Describe the causes of downfall of indigenous education system in pre independent India. LO 2.4: Discuss the educational activities of Missionaries in India. LO 2.5: Discuss the educational activities of Missionaries in Assam. LO 2.6: Examine the impacts of Charter Act, 1813, Anglicist-Classicist Controversy, Macaulay's Minute, 1835, Bentinck's declaration of educational policy on Indian education. CO3: Discuss the growth and development of education in India from 1854 to 1917. LO 3.1: Explain the background of the Wood's Despatch and its major recommendations. LO 3.2: Explain the background of Hunter Commission, 1882, its major recommendations related to Primary, Secondary Higher, Indigenous education, Grant in aid, Women education in India. LO 3.3: Examine the impacts of Wood's Despatch and Hunter Commission, 1882 on Indian education. LO 3.4: Discuss the features of Shimla Education Conference, Curzon's policy on primary and secondary education, the Indian University Commission, 1902 and University Act, 1904. LO 3.5: Examine the impact of Gokhale's Bill on primary education (1910-12) on Indian education in pre-independence era. LO 3.6: Examine the impact of Calcutta University Commission, 1917 on Indian education in pre-independence era. CO4: Discuss the growth and development of education in India from 1919 to 1947. LO 4.1: Explain the background of Government of India Act, 1919, Introduction of Diarchy in India, 1921, Simon Commission, 1927 and Hartog Committee Report, 1929 on Indian education. LO 4.2: Explain the importance of Government of India Act, 1919, Introduction of Diarchy in India, 1921, Simon Commission, 1927 and Hartog Committee Report, 1929 on Indian education. LO 4.3: Discuss the recommendations of Simon Commission, 1927 on Indian education. LO 4.4: Discuss the recommendations of Hartog Committee, 1929 on Indian education. LO 4.5: Discuss the salient features of Wardha Scheme of Basic Education, 1937 as well as causes of its failure. LO 4.6: Examine the impacts of Wood Abbot Report, 1937 and Sargent Report, 1944 on Indian education. LO 4.7: Discuss the growth and development of education in Assam in pre – independence period with reference to Primary, Secondary and Higher education.

Course Code : EDNC-10

CO1: Discuss the teaching-learning process. LO1.1: Describe the meaning, nature and principles of teaching. LO1.2: State the general maxims of teaching. LO1.3: Discuss effective teaching. LO1.4: Differentiate the three phases of teaching: pre-active, interactive and post active. LO1.5: Compare the three levels of teaching: memory, understanding and reflective. CO2: Discuss teaching behaviour. LO2.1: Explain the three teaching behaviours: Authoritative, Democratic and Laissez-faire. LO2.2: Describe the concept, importance and cycle of microteaching. LO2.3: Explain the microteaching skills. LO2.4: Explain

meaning and importance of lesson plan. LO2.5: Describe the Herbartian steps of planning a lesson. LO2.6: Classify the three types of lesson: knowledge lesson, appreciation lesson and skill lesson. CO3: Explain pedagogy for teaching. LO3.1: Define pedagogy. LO3.2: Describe the innovations in teaching-learning process. LO3.3: Explain innovative pedagogy. LO3.4: Discuss innovation in pedagogy and NEP 2020. LO3.5: Explain the meaning, need and types of teaching aids. LO3.6: Prepare teaching aids. LO3.7: Discuss the use of technology in teaching. CO4: Practice teaching. LO4.1: Practice microteaching skills. LO4.2: Prepare lesson plans. LO4.3: Prepare digital lessons.

Course Code : EDNC-11

CO1: Discuss the concept of measurement and evaluation in education. LO1.1: Explain the meaning, nature and scope of measurement, assessment and evaluation in education. LO1.2: Discuss the importance of measurement and evaluation in education. LO1.3: Describe the relation between measurement and evaluation in education. LO1.4: Distinguish psychological and physical measurement. LO1.5: Describe the principles of evaluation. LO1.6: Differentiate continuous and comprehensive evaluation. LO1.7: Classify formative and summative evaluation. LO1.8: Differentiate diagnostic and prognostic evaluation. CO2: Discuss different psychological tests. LO2.1: Define psychological tests. LO2.2: Classify different types of psychological tests. LO2.3: Discuss different types of psychological tests. LO2.4: Describe characteristics of a good test. CO3: Describe some specific psychological tests. LO3.1: Describe the construction and standardization of achievement test. LO3.2: Prepare design and blueprint of an achievement test. LO3.3: Describe intelligence test. LO3.4: Describe different aptitude tests. LO3.5: Describe different ways of personality assessment. CO4: Apply statistics in education. LO4.1: Explain the meaning, nature and scope of educational statistics. LO4.2: Compute measures of central tendency. LO4.3: Compute measures of variability. CO5: Present data graphically. LO5.1: Define variables. LO5.2: Explain meaning and types of graphical representation of data. LO5.3: Explain meaning, properties and uses of normal probability curve. LO5.4: Compute coefficient of correlation.

Course Code : EDNMIN 5

CO 1: Explain the concepts and features of educational and instructional technology. LO 1.1: Describe the meaning, nature and scope of educational technology. LO 1.2: Explain the history of educational technology. LO 1.3: Describe the concept and features of Instructional technology. LO 1.4: Discuss the development of Educational Technology in India. LO 1.5: Explain the approaches of educational technology. LO 1.6: Distinguish between educational and instructional technology. CO 2: Understand ICT and Communication and its use in education. LO 2.1: Explain the concept and development of ICT. LO 2.2: Discuss the role of computer in education. LO 2.3: Explain the application of ICT in education. LO 2.4: Explain the concept of e-learning and m-learning. LO 2.5: Discuss the role of the Internet in education. LO 2.6: Explain the meaning and nature of communication. LO 2.7: Describe the components of communication. LO 2.8: Discuss the significance of communication in learning. LO 2.9: Discuss the barriers to effective communication in learning. LO 2.10: Explain the steps of making communication effective. LO 2.11: Discuss the qualities of a good classroom communicator. CO 3: Understand the concept of instructional strategies and models of learning LO 3.1: Describe the meaning of instructional strategies. LO 3.2: Describe the concept and characteristics of teaching models. LO 3.3: Explain the inquiry training models and classroom meeting model. LO 3.4: Describe the concept and uses of the Personalized system of instruction. LO 3.5: Describe the meaning, nature and type of CAI. LO 3.6: Explain the meaning, characteristics and types of programmed learning. LO 3.7: Discuss the usefulness of Open and Distance learning. LO 3.8: Discuss the application of technology in Open and Distance learning. LO 3.9: Explain the meaning and uses of team teaching. CO 4: Understand the concept of technology-based learning resources and their uses. LO 4.1: Describe the types of audio-visual learning resources. LO 4.2: Describe the meaning and use of non-projected learning resources. LO 4.3: Discuss the uses of e-

resources. LO 4.4: Explain the meaning and functions of EDUSAT. LO 4.5: Discuss the concept and use of E-Pathshala. LO 4.6: Discuss the uses of open-access resources. LO 4.7: Discuss the role of Peer Group and Community as Learning Resource

Course Code : C-12

CO1: Express the understanding of the educational scenario at the time of independence in India. LO 1.1: Describe the Educational scenario at the time of independence in India. LO 1.2: Explain the recommendations of University Education Commission's (1948-49) with regard to the aims of university education, administration and funding, curriculum reforms, teaching, research, professional education, women education, examination reform and students' welfare. LO 1.3: Discuss the implementation of University Education Commission's (1948-49) recommendations in post-independent India. LO 1.4: Discuss the education in the Indian constitution with reference to Preamble of the Constitution and various constitutional provisions on education. LO 1.5: Describe the constitutional provisions for free and compulsory education, early childhood care and education, secularism in education, study of Hindi and official language, education for women, education for minorities and education for ST & SCs in India. LO 1.6: Discuss the need of the constitutional provisions for free and compulsory education, early childhood care and education, secularism in education, study of Hindi and official language, education for women, education for minorities and education for ST & SCs in India. CO2: Express the understanding of the educational efforts in India from 1951-1966. LO 2.1: Explain the recommendations of the Secondary Education Commission (1952- 53) with reference to the aims of Secondary education, organizational pattern, technical education, study of languages, curriculum improvement, methods of teaching, students' welfare, guidance and counselling and examination reform. LO 2.2: Examine the implementation of the Secondary Education Commission's (1952- 53) recommendations in India. LO 2.3: Explain the recommendations of the Education Commission (1964-66) with reference to educational structure and standards, teachers' status and teacher education, school curriculum, teaching methods and examination and evaluation. LO 2.4: Examine the implementation of the Education Commission's (1964-66) recommendations in India. CO3: Discuss the educational efforts in India after 1966. LO 3.1: Explain the contribution of the National Policy of Education, 1968 in Indian education system. LO 3.2: Explain the contribution of the Iswarbhai Patel Review Committee, 1977 in Indian education system. LO 3.3: Explain the contribution of the Adiseshiah Committee Report, 1978 in Indian education system. LO 3.4: Explain the contribution of the National Policy on Education, 1986 in Indian education system. LO 3.5: Explain the contribution of the Ramamurti Review Committee, 1990 in Indian education system. LO 3.6: Explain the contribution of the Janardhana Reddy Committee Report, 1991 in Indian education system. LO 3.7: Explain the contribution of the Revised National Policy on Education, 1992 in Indian education system. LO 3.8: Describe the importance of the provisions of the Right of Children to Free and Compulsory Education Act, 2009 (RTE 2009) in India. LO 3.9: Discuss the salient features of the NEP, 2020 in the present-day Indian context. CO4: Discuss the development of education in Assam in post-independent period. LO 4.1: Explain the development of school and higher education in Assam in postindependent period. LO 4.2: Explain the development of Teacher education in Assam in post-independent period. LO 4.3: Explain the development of medical education in Assam in post-independent period. LO 4.4: Explain the development of Engineering education in Assam in postindependent period. LO 4.5: Explain the development of Agricultural education in Assam in postindependent period. LO 4.6: Explain the provisions enumerated in the Assam Basic Education Act, 1954. LO 4.7: Explain the provisions enumerated in the Assam Secondary Education Act, 1961. LO 4.8: Explain the provisions enumerated in the Assam Higher Secondary Education Council Act, 1984. LO 4.9: Discuss the contributions of Assam Basic Education Act, 1954, Assam Secondary Education Act, 1961, and Assam Higher Secondary Education Council Act, 1984 in Assam in post-independent period. LO 4.10: Explain the provisions of the Assam State School Education Board Bill, 2024.

Course Code : EDNC - 13

CO1: Demonstrate an understanding of basic concepts related to early childhood care LO1.1: Describe meaning, scope and importance of early childhood care LO1.2: Discuss components of early childhood care such as early stimulation, nutrition, hygiene LO1.3: Describe stages of child development CO2: Analyse the developmental patterns during early childhood LO 2.1: Discuss developmental patterns during early childhood LO 2.2: Examine factors influencing early childhood development LO 2.3: Examine the influence of nature and nurture on child development CO3: Analyse and discuss policies, schemes and programmes related to child development LO 3.1: Discuss and compare policies and schemes related to child education, care, protection, nutrition, etc. LO3.2: Analyse the effectiveness of national programmes, policies and schemes CO4: Evaluate challenges and directions for addressing issues in early childhood care LO4.1: Appraise early childhood care challenges in the larger Indian context as well as local contexts LO4.2: Analyse effective interventions to enhance learning in ECCE

Course Code : EDNC – 14

CO1: Develop an understanding of the fundamental concepts, scope and significance of experimental psychology and critically analyze and design psychological experiments, adhering to ethical principles and reporting standards. LO1.1: Explain the concept, scope and need of Experimental Psychology. LO1.2: Conduct and report psychological experiments. CO2: Explain the mechanism of memory and attention, their types and apply the concepts in practical situations. LO2.1: Describe the meaning and nature of memory, immediate memory, memory span and its related practical. LO2.2: Explain the concept of attention, span of attention. LO2.3: Conduct practical exercises/ experiments to demonstrate the application of the concept of memory in real-world settings. CO3: Explain the concept of learning, its types and apply the concept in practical situations. LO3.1: Explain the concept, the theories and methods of learning and its related practical. LO3.2: Conduct practical exercises/ experiments to demonstrate the application of the concept of learning in real-world settings. CO4: State the concept of personality and intelligence, historical background of personality assessment and intelligence testing. LO4.1: State the concept of personality, different techniques of personality assessment. LO4.2: State the concept of intelligence and different techniques of intelligence testing. LO4.3: Conduct practical exercises/ experiments to demonstrate the application of the concepts of personality and intelligence in real world settings.

Course Code : EDNC – 15

CO1: Explain the constitutional efforts for development of Indian education LO 1.1: Explain the key points related to the Indian Constitution LO 1.2: Describe education in Indian Constitution and its need LO 1.3: Explain the Articles in the constitution related to education LO 1.4: Discuss Constitution as a source of aims of education CO2: Explain the issues of Indian education LO 2.1: Explain the concept of ECCE and its challenges in India LO 2.2: Discuss the role of Anganwadis and Balwadis LO 2.3: Describe the objectives, importance and challenges of Universalization of Elementary education in India LO 2.4: Describe the objectives, importance and challenges of Universalization of Secondary education in India and its Vocationalisation LO 2.5: Describe the objectives and efforts of strengthening Higher education in India and its challenges LO 2.6: Describe the objectives and challenges of teacher education, technical and vocational education in India CO3: Describe the perspectives in Indian education LO 3.1: Explain the concept of Inclusive education and its challenges in India LO 3.2: Explain the role of RCI, RPWD Act, 2016 in addressing inclusive education LO3.3: Explain the concept of Human Rights Education and the role of National Commissions for Protection of Childs Rights (NCPDR) LO 3.4: Discuss the concept of peace education and its importance in society LO 3.5: Discuss the concept of Environmental education and its challenges LO 3.6: Discuss the concept of Population education and its role in addressing population Explosion LO 3.7: Discuss the concept of Women empowerment and the role of education in women empowerment LO 3.8: Explain the concept of Open and Distance education and its challenges CO4:

Explain the recent trends in Indian education LO 4.1: Describe the objectives, organization, functions of Sarva Shiksha Abhiyan (SSA) LO 4.2: Describe the objectives, organization, functions of Rashtriya Madhyamik Shiksha Abhiyan (RMSA) LO 4.3: Describe the objectives, organization, functions of Samagra Shiksha Abhiyan LO 4.4: Describe the objectives, organization, functions of Rashtriya Uchchatar Shiksha Abhiyan (RUSA)/ Pradhan Mantri Uchchatar Shiksha Abhiyan (PM-USHA) LO 4.5: Describe the recommendations of National Knowledge Commission for School and higher education LO 4.6: Describe the aims, curriculum and evaluation system as stated in National Curriculum Framework (NCF), 2005 LO 4.7: Describe the aims, curriculum and evaluation system as stated in National Curriculum Framework for School Education (NCFSE), 2023 LO 4.8: Explain National Education Policy (NEP), 2020 LO 4.9: Explain the role of NCTE, UGC, DEC, NAAC, AICTE, NMC, NCERT, NIEPA, NIOS in Indian education.

Course Code : MINEDN-6

CO1: Discuss the concept of measurement and evaluation in education. LO1.1: Explain the meaning, nature and scope of measurement, assessment and evaluation in education. LO1.2: Discuss the importance of measurement and evaluation in education. LO1.3: Describe the relation between measurement and evaluation in education. LO1.4: Distinguish psychological and physical measurement. LO1.5: Describe the principles of evaluation. LO1.6: Differentiate continuous and comprehensive evaluation. LO1.7: Classify formative and summative evaluation. CO2: Discuss different psychological tests. LO2.1: Define psychological tests. LO2.2: Classify different types of psychological tests. LO2.3: Discuss different types of psychological tests. LO2.4: Describe characteristics of a good test. CO3: Describe some specific psychological tests. LO3.1: Describe the construction and standardization of achievement test. LO3.2: Describe intelligence test. LO3.3: Describe different aptitude tests. LO3.4: Describe different ways of personality assessment. CO4: Apply statistics in education. LO4.1: Explain the meaning, nature and scope of educational statistics. LO4.2: Compute measures of central tendency. LO4.3: Compute measures of variability. CO5: Present data graphically. LO5.1: Define variables. LO5.2: Explain meaning and types of graphical representation of data. LO5.3: Explain meaning, properties and uses of normal probability curve. LO5.4: Compute coefficient of correlation.

Ragunathan
Principal & Secretary
Nazira College, Nazira

ENGLISH

Programme Educational Objectives (PEOs):

PEO 1: Graduates will acquire professional ethics and integrity and build the capacity to apply the knowledge and skills acquired

PEO2: Graduates will demonstrate critical thinking ability and interpret ideas

PEO3: Graduates will acquire the spirit of lifelong learning

PEO4: Graduates will demonstrate effective communication skills

PEO5: Graduates will acquire the skills and training to pursue higher studies both within and outside the disciplinary boundaries

PEO6: Graduates will acquire the knowledge of English studies in the global as well their local contexts

Programme Specific Outcomes (PSOs):

After completion of the programme the following outcomes are expected:

PSO1: Graduates will develop an understanding of the different ages of the history of English literature from the medieval to the present age

PSO2: Graduates will be engaged in learning beyond the textbooks and pursue a critical scrutiny of the socio-cultural milieu

PSO3: Graduates will exhibit interpersonal communication skills within and outside the classroom

PSO4: Graduates will apply the skills of translation, creative writing and soft skills

PSO5: Demonstrate competencies required for preparing one for the prospects of diverse professions.

Programme Outcomes (POs):

An undergraduate student of English should be able to:

PO 1. Develop an understanding of the major concepts, theoretical perspectives and recent areas of studies in English literature.

PO 2. Use critical thinking ability in both understanding a text and in analyzing real life situations.

PO 3. Develop a critical approach towards the socio-political and cultural milieu of a society through the study of literary texts

PO 4. Apply effective communicative skills in and outside the classroom

PO 5. Apply the professional competencies such as digital learning, creative writing, translation.

PO 6. Demonstrate the abilities to pursue higher studies in English and cultural studies

PO 7. Demonstrate competencies in learning to update knowledge and practice targeted to improve professional knowledge and practice.

Course Code : C-1

CO1: Evaluate the Age of Chaucer LO1: Understand the cultural and social norms of the Age of Chaucer, including them feudal system and the role of the Church LO2: Evaluate the importance of Chaucer's works in the context of the literary scene of his time. LO3: Assess the characteristics of medieval poetry with special reference to Chaucer's The Nun Priest's Tale. CO2: Examine the genre of Elizabethan drama and the ethos of Renaissance Humanism with respect to the works of Shakespeare and Christopher Marlowe LO1: Analyze the key characteristics of Elizabethan drama, including its themes, theatrical conventions, and historical context, to understand its significance in the development of English literature. LO2: Discuss how the core principles of Renaissance Humanism such as 'individualism' and classical revival are reflected in the prescribed works of Shakespeare and Marlowe. LO3: Discuss the significance of the stage, court, city in Elizabethan dramas by examining their roles in shaping plot, character interactions, and thematic development. LO4: Assess the complexities of religious and political thought in Elizabethan England by analysing primary texts. CO3: Trace the development of Romantic comedy during the Elizabethan age LO1: Analyse the defining elements of Romantic comedy in Elizabethan literature, such as love and marriage, humor, mistaken identities, complex plots etc. LO2: Compare and contrast the role of gender and class in the romantic comedies of the Elizabethan period. CO4: Describe Metaphysical Poetry and its thematic complexity LO1: Analyse and interpret the thematic complexity of Metaphysical poetry, identifying its key characteristics such as paradox, irony, and the use of metaphysical conceits. LO2: Apply knowledge of identifying the metaphysical elements in the poetry of John Donne LO3: Critique John Donne's contribution to Metaphysical poetry, comparing his work with that of his contemporaries to evaluate his influence on the genre.

Course Code : Minor 1

CO1: Evaluate the Age of Chaucer LO1: Understand the cultural and social norms of the Age of Chaucer, including them feudal system and the role of the Church LO2: Evaluate the importance of Chaucer's works in the context of the literary scene of his time. LO3: Assess the characteristics of medieval poetry with special reference to Chaucer's The Nun Priest's Tale. CO2: Examine the genre of Elizabethan drama and the ethos of Renaissance Humanism with respect to the works of Shakespeare and Christopher Marlowe LO1: Analyze the key characteristics of Elizabethan drama, including its themes, theatrical conventions, and historical context, to understand its significance in the development of English literature. LO2: Discuss how the core principles of Renaissance Humanism such as 'individualism' and

classical revival are reflected in the prescribed works of Shakespeare and Marlowe. LO3: Discuss the significance of the stage, court, city in Elizabethan dramas by examining their roles in shaping plot, character interactions, and thematic development. LO4: Assess the complexities of religious and political thought in Elizabethan England by analysing primary texts. CO3: Trace the development of Romantic comedy during the Elizabethan age LO1: Analyse the defining elements of Romantic comedy in Elizabethan literature, such as love and marriage, humor, mistaken identities, complex plots etc. LO2: Compare and contrast the role of gender and class in the romantic comedies of the Elizabethan period. CO4: Describe Metaphysical Poetry and its thematic complexity LO1: Analyse and interpret the thematic complexity of Metaphysical poetry, identifying its key characteristics such as paradox, irony, and the use of metaphysical conceits. LO2: Apply knowledge of identifying the metaphysical elements in the poetry of John Donne LO3: Critique John Donne's contribution to Metaphysical poetry, comparing his work with that of his contemporaries to evaluate his influence on the genre.

Course Code : SEC-1

CO1: Develop proficiency in verbal and written communication skills for effective personal, academic, and professional interactions. LO1: Demonstrate active listening skills in various contexts (academic discussions, professional meetings, etc.). LO2: Engage in interactive speaking activities, including group discussions and presentations. LO3: Produce well-structured written documents for formal and business contexts, including emails, reports, and memos. CO2: Cultivate an understanding and appreciation of cultural diversity to communicate effectively in cross-cultural settings. LO1: Demonstrate awareness of cultural norms and etiquette in various international contexts. LO2: Assess and compare the effectiveness of various communication strategies used in multicultural environments. LO3: Apply empathic listening and speaking techniques in multicultural dialogue/conversation sessions CO3: Acquire essential technological and professional communication skills for career readiness and advancement. LO1: Prepare for and perform successfully in job interviews LO2: Participate effectively in group discussions, demonstrating clear articulation and collaboration. LO3: Apply principles of emotional intelligence to manage interpersonal relationships and workplace dynamics.

Course Code : C-2

CO1: Evaluate the socio-political and cultural contexts of the 17th century and their impact on different literary works LO1: Outline an understanding of the Puritan period, the Interregnum, and the Restoration period via the reading of different works produced during the time period. LO2: Analyse the interplay between religious and secular dimensions, and how it shaped different literary expressions. LO3: Critically assess the influence of socio-political upheavals, including the English Civil war and the Glorious Revolution, on the narratives of 17th century CO2: Develop an understanding of the diverse literary movements, forms and genres of the 17th century LO1: Analyse the characteristics of mock-epic and satire along with examples LO2: Critique the role and representation of women in the 17th century LO3: Discuss the development of Comedy of manners and its key characteristics CO3: Prepare in-depth analyses of the major 17th century texts LO1: Assess the themes, epic structure, and theological implications of Milton's Paradise Lost Book I LO2: Analyse the playful dynamics of power and corruption, the representation of women in Webster's The Duchess of Malfi LO3: Interpret John Dryden's Mac Flecknoe with respect to its characteristics of neoclassical mock epic and satire. CO4: Synthesise ideas from the prescribed 17th century texts to create new interpretations and critical perspectives LO1:

Apply new critical perspectives that would contribute to the ongoing debates and discourses on 17th century literature LO2: Formulate innovative research questions that would push the boundaries of traditional literary analysis.

Course Code : Minor 2

CO1: Evaluate the socio-political and cultural contexts of the 17th century and their impact on different literary works LO1: Outline an understanding of the Puritan period, the Interregnum, and the Restoration period via the reading of different works produced during the time period. LO2: Analyse the interplay between religious and secular dimensions, and how it shaped different literary expressions. LO3: Critically assess the influence of socio-political upheavals, including the English Civil war and the Glorious Revolution, on the narratives of 17th century CO2: Develop an understanding of the diverse literary movements, forms and genres of the 17th century LO1: Analyse the characteristics of mock-epic and satire along with examples LO2: Critique the role and representation of women in the 17th century LO3: Discuss the development of Comedy of manners and its key characteristics CO3: Prepare in-depth analyses of the major 17th century texts LO1: Assess the themes, epic structure, and theological implications of Milton's Paradise Lost Book I LO2: Analyse the playful dynamics of power and corruption, the representation of women in Webster's The Duchess of Malfi LO3: Interpret John Dryden's Mac Flecknoe with respect to its characteristics of neoclassical mock epic and satire. CO4: Synthesise ideas from the prescribed 17th century texts to create new interpretations and critical perspectives LO1: Apply new critical perspectives that would contribute to the ongoing debates and discourses on 17th century literature LO2: Formulate innovative research questions that would push the boundaries of traditional literary analysis.

Course Code : SEC-2

CO1: Explain the meaning and significance of Creative writing LO1: Integrate effectively the English language in the process of creative writing. LO2: Analyse different genres of creative writing to understand their unique features and stylistic elements. LO3: Create original works in different genres of creative writing, such as poetry, fiction, essays and reviews. CO2: Develop a detailed understanding of the elements of creative writing LO1: Identify and analyse the elements of plot, setting, character, dialogue, Point of view in various texts. LO2: Apply literary and figurative devices such as symbols, imagery, metaphors, simile in the process of creative writing LO3: Develop distinctive styles of writing with different narrative techniques, sentence structures and word choices LO4: Demonstrate proficiency in grammar, punctuation and sentence structure to effectively convey ideas in writing. CO3: Exhibit a comprehensive understanding of various forms and genres of creative writing LO1: Create original short stories and novel excerpts that would demonstrate a mastery of narrative technique LO2: Produce original poems that would exhibit a command of poetic devices LO3: Develop a personal voice and style in composing essays, reflecting unique perspective and creativity. LO4: Construct unique narrative voices and style in biographical, autobiographical forms of writing as well as in the forms of travelogues and diaries LO6: Engage in crafting thought-provoking Web Content writing, Blog Writing, Film and Book reviews.

Course Code : AEC-2

CO1: Discuss Communication Theory, Types and Modes LO1: Analyse and distinguish between Verbal and Non-Verbal communication LO2: Recognise the barriers to effective communication and develop strategic approaches to overcome those barriers. LO3: Enhance interpersonal and group communication skills CO2: Engage in advanced speaking skills LO1: Demonstrate the ability to engage in meaningful dialogues, via employing techniques that enhance clarity and prevent miscommunication. LO2: Evaluate the dynamics of group discussions by identifying the roles of the participants and the required strategies to maintain productive communication. LO3: Demonstrate effective performance in interviews. CO3: Develop the ability to read and understand texts by demonstrating skills in comprehension, summarisation, paraphrasing, analysis and interpretation LO1: Identify and interpret key themes, symbols and motifs in a given text. LO2: Exhibit comprehension of texts by accurately answering content related questions. LO3: Paraphrase complex passages from a text and express the ideas in one's own words LO4: Analyse and interpret the symbolic meanings of text/s. CO4: Develop proficiency in diverse writing skills LO1: Analyse and structure information to produce clear, concise and well organised reports. LO2: Develop effective note-taking strategies and synthesise notes to create comprehensive summaries of lectures, readings, and discussions LO3: Compose clear and effective letters/ applications.

Course Code : C-3

CO1: Illustrate the ethos of the 18th century as reflected in literature of the period LO1: Examine the principal tenets of the Enlightenment and Neoclassicism as they apply to literature. LO2: Discuss the impact of the Periodical Press on the 18th century literature and culture. LO3: Compare and contrast depiction of country life and the city in 18th century literature with examples. LO4: Explore the roles of coffee houses and literary clubs in fostering intellectual and cultural exchange in 18th century England. CO2: Examine the historical context of Restoration comedy, encompassing the sociopolitical, cultural and literary influences LO1: Identify and analyse the factors that led to the rise of the Restoration comedy. LO2: Describe the salient features of Restoration Comedy in by engaging in a concentrated analysis of the major playwrights of the genre. LO3: Evaluate the ways in which Restoration comedies satirises the societal norms and values of the period in relation to gender, marriage, courtship, and class hierarchy through a meticulous study of William Congeeve. CO3: Describe the rise of the novel as a genre in the 18th century LO1: Assess critically the impact of the 18th century novels on the development of novels as a genre. LO2: Trace the various forms of novels that gained popularity during the period, encompassing Realistic Novels, Epistolary novels, Sentimental novels, and Picaresque novels. LO3: Analyse the satirical treatment of colonialism and religious hypocrisy as prevalent in 18th century novels through a meticulous reading of the works of 18th century novelists. CO4: Discuss mock-epic as a genre and its literary significance LO1: Outline the historical and cultural context of major mock-epics of the 18th century such as Alexander Pope's The Rape of the Lock. LO2: Analyse the use of irony, parody and satire in mock-epic texts. LO3: Assess the humorous contrast between the elevated style of the epic and the trivial and absurd subject matter of the mock-epic. LO4: Identify and analyse the intertextual references to classical epic literature in mock-epic poems CO5: Evaluate the form and function of elegy in 18th century English literature LO1: Trace elegy's thematic focus on death, mourning, and contemplations of mortality through a meticulous reading of Thomas Gray's "Elegy Written in a Country Churchyard". LO2: Compare and contrast different 18th century elegies with that of the elegies from

different periods LO3: Identify the formal elements of elegy, such as stanza form, meter and rhyme scheme.

Course Code : C-4

CO1: Develop a comprehensive knowledge on classical literary criticism through a reading of Plato and Aristotle's works LO1: Analyse Plato's views on mimesis, nature of poetry, and the role of art in society. LO2: Understand the key concepts such as Mimesis, Catharsis, Hamartia, Anagnorisis, Peripeteia as outlined by Aristotle in Poetics. LO3: Analyse Aristotle's views on Tragedy, Comedy, and Tragic Hero. CO2: Examine the foundational principles of poetic art and Roman literary criticism through a reading of Horace and Longinus LO1: Examine Poetry as Craft as proposed by Horace. LO2: Define the principle of poetic decorum as proposed by Horace. LO3 Theorise the concept of Sublimity and its five principal sources. LO4: Analyse how Longinus's text On Sublimity is a digression from thinkers like Plato and Horace CO3: Develop a comprehensive understanding about Philip Sidney's An Apology for Poetry LO1: Examine Philip Sidney's defense of poetry from the attacks of Stephen Gosson. LO2: Analyse how Sidney argues for the superiority of poetry over other branches of knowledge. LO3: Explore Sidney's views on the purpose of poetry, including its role to "teach and delight" CO4: Discuss the major arguments presented in Dryden's An Essay on Dramatic Poesy LO1: Analyse Dryden's comparative discussion of the merits of the classical drama (Ancient Greek and Roman) versus modern drama (English and French). LO2: Assess critically Dryden's exploration of classical unities of time, place and action, and his arguments for and against their observance in English drama. LO3: Discuss the theme of Poetic Justice as explored by Dryden. CO5: Outline the thematic concerns in the literary criticism of the 18th century through a reading of Pope and Samuel Johnson LO1: Evaluate the qualities that Pope identifies as essential for sound judgment and good taste in literary criticism. LO2: Explain Pope's analogy between the principles of nature, wit and judgement, as outlined in An Essay on Criticism. LO3: Critique the ways in which Pope distinguishes between true knowledge and superficial learning. LO4: Examine the characteristics and significance of metaphysical wit as described Samuel Johnson in "Life of Cowley"

Course Code : Minor 3

CO1: Illustrate the ethos of the 18th century as reflected in literature of the period LO1: Examine the principal tenets of the Enlightenment and Neoclassicism as they apply to literature. LO2: Discuss the impact of the Periodical Press on the 18th century literature and culture. LO3: Compare and contrast depiction of country life and the city in 18th century literature with examples. LO4: Explore the roles of coffee houses and literary clubs in fostering intellectual and cultural exchange in 18th century England. CO2: Examine the historical context of Restoration comedy, encompassing the sociopolitical, cultural and literary influences LO1: Identify and analyse the factors that led to the rise of the Restoration comedy. LO2: Describe the salient features of Restoration Comedy in by engaging in a concentrated analysis of the major playwrights of the genre. LO3: Evaluate the ways in which Restoration comedies satirises the societal norms and values of the period in relation to gender, marriage, courtship, and class hierarchy through a meticulous study of William Congreve. CO3: Describe the rise of the novel as a genre in the 18th century LO1: Assess critically the impact of the 18th century novels on the development of novels as a genre. LO2: Trace the various forms of novels that gained popularity during the period, encompassing Realistic Novels, Epistolary novels, Sentimental novels, and Picaresque novels. LO3: Analyse the satirical treatment of colonialism and religious hypocrisy as prevalent in 18th century

novels through a meticulous reading of the works of 18th century novelists. CO4: Discuss mock-epic as a genre and its literary significance LO1: Outline the historical and cultural context of major mock-epics of the 18th century such as Alexander Pope's *The Rape of the Lock*. LO2: Analyse the use of irony, parody and satire in mock-epic texts. LO3: Assess the humorous contrast between the elevated style of the epic and the trivial and absurd subject matter of the mock-epic. LO4: Identify and analyse the intertextual references to classical epic literature in mock-epic poems CO5: Evaluate the form and function of elegy in 18th century English literature LO1: Trace elegy's thematic focus on death, mourning, and contemplations of mortality through a meticulous reading of Thomas Gray's "Elegy Written in a Country Churchyard". LO2: Compare and contrast different 18th century elegies with that of the elegies from different periods LO3: Identify the formal elements of elegy, such as stanza form, meter and rhyme scheme.

Course Code : C-5

CO1: Evaluate the salient features of the Romantic Age LO1: Assess the gradual changes coming to socio political realm of England LO2: Connect the contexts of the French Revolution to the transition noticed in the different genres of literature LO3: Assess the significant roles played by reason and imagination CO2: Comprehend the growth of early Romantic and Romantic poetry in England LO1: Evaluate the renewal of the imaginative spirit in poetry replacing the earlier Neo-Classical emphasis on reason LO2 : Apply the knowledge of poetry and poetic craft in the age in understanding the social transition LO3: Assess the manifestation of the return to Nature in different forms adopted by poets like Wordsworth and Keats LO4: Understand the emotive, visionary and sensuous aspects of poetry enunciated through language and lyricism. CO3: Trace the growth of the novel form in the Romantic age LO1: Analyse the explorations of social realism in the novel form through a reading of Jane Austen's novels. LO2 : Evaluate the genre of the novel with special attention to women novelists and their writings LO3: Examine the celebration of Nature in its majesty and terror LO4 : Contextualise the spirit of the Gothic form in the age through a focused reading of *Frankenstein*. CO4: Identify the significance of the age in terms of production of literature LO1: Compare the development of English poetry with that of the earlier ages LO2: Situate the new modes of writing novels with emphasis on both social realism and supernatural reality LO3: Assess the larger impact of literature of the period in heralding significant changes in the nineteenth century.

Course Code : C-6

CO1: Develop a critical understanding of the socio historical reality of nineteenth century Britain LO1: Analyse the spiritual crisis of the age that had set due to the significant impact of scientific ideology LO2: Examine the impact of utilitarian values on human lives and its effect on social responsibilities LO3 : Examine the influence of ground breaking theories propounded by Darwin, Marx and Freud on the contemporary human mind LO4: Explain concepts like utilitarianism, surplus value, Victorian prudishness, survival of the fittest etc. CO2: Outline the growth of English novel in the period LO1 : Examine the development of working class novels fuelled by industrialisation and urbanisation LO2: Analyse the conditioning of human mind and action by the temperament of time through a close reading of Dickens LO3 : Evaluate the presentation of everyday life through women's point of view through a focused reading of Charlotte Bronte LO4: Examine the significant developments in narrative strategy of novels written in the period CO3: Analyse the developments in English poetry in the Victorian

age LO1 : Develop an understanding of new forms of poetry such as Dramatic Monologue and Pre-Raphaelite poetry LO2 : Examine the spirit of adventure and the glory of colonial expansion in poems by Tennyson LO3 : Discuss the presentation of other forms of reality and the women's question in Christina Rossetti's poems LO4: Examine the presentation of love and reality in poems by Browning CO4: Assess the contribution of the Victorian Age in shaping British Literature LO1 : Compare the spirit of the time and its heralding of scientific thought to that of the Romantic ideals of the earlier age LO2 : Interpret the significant rise of the novel form in effectively representing the contradictory and oppositional drives and processes of the age LO3 : Explain the vital positioning of the questions of marriage and sexuality in all the forms of literature.

Course Code : C-7

CO1: Outline the historical context of Ancient India, including its aesthetic theory LO1: Analyse the Indian Epic tradition and the different themes such as the Dharma and the Heroic traditions LO2 : Develop an understanding of classical Indian Drama LO3 : Examine the concepts of Alankara and Rasa LO4 : Discuss the contribution of the Bhakti tradition of the Neo-vaishnavite Movement in Assam CO2: Explore the rich Indian classical literary tradition including its distinctive aesthetic philosophies LO1: Analyse the Epic Sanskrit literature through close reading of selections from The Mahabharata LO2 : Examine how the question of Dharma and the Heroic finds expression in the Epic tradition LO3 : Examine the Sanskrit drama and its tradition through a focused reading of plays by Kalidasa and Sudraka. LO4: Assess the deviations from the classic traditions of drama in representation of social reality. CO3: Define the development of classical literature in the context of medieval Assam LO1: Contextualise the growth of Ankiya Nat in Assam LO2 : Illustrate the impact of the Bhakti tradition in Assamese drama LO3 : Compare and contrast the developments in medieval Assamese drama tradition with that of Classical Indian tradition through a focused reading of Parijata Harana CO4 : Draw a comparative assessment between the Indian and the Western classical literary tradition LO1: Define the differences in terms of historical and philosophical background to the development of classical literature in the Western and the Indian context LO2 : Compare the understanding of spirituality in both the contexts LO3 : Contrast the roles played by Epic poetry and drama in both the contexts.

Course Code : C-8

CO1: Develop an understanding of the historical contexts of Indian Writing in English LO1: Examine the growth of English Studies in India with the advent of colonialism LO2 : Evaluate the explorations of socio-political questions through forms of literary expressions LO3 : Identity the important roles played by the Indian writers and the members of the Indian diaspora in shaping the new discourse LO4: Critique the politics of language through a study of the Sanskrit, the English and the Bhasha traditions CO2 : Outline the growth of Indian English novel as a genre LO1: Identity the trajectory from Pre-independence to the Post-independence period LO2 : Explain the presentation of Indian themes by R. K. Narayan LO3 : Analyse the growth of the form in the hands of women writers like Anita Desai LO4: Examine how the questions of identity and social institutions like marriage find expression in the Indian English novels CO3 : Examine the growth of Indian English Poetry LO1: Analyse the diverse themes explored by the poets over a period of more than a hundred years LO2 : Discuss the adoption of English language by poets to express diverse experiences of the Indian lives LO3: Examine the experiments in poetry under the influence of modernism LO4: Illustrate the rich cultural and political traditions of the

Indian society through a close reading of poetic voice from the Northeast of India CO4: Identify the trajectory of Indian English short stories LO1 : Define the development of Indian English short stories LO2 : Examine the Pre-independence experience in the realm of short stories LO3 : Analyse the important role played by the voices from the Indian diaspora LO4: Interpret the inclusion of issues such as identity politics, gender politics, home and language etc. in the short stories.

Course Code : Minor 4

CO1: Evaluate the salient features of the Romantic Age LO1: Assess the gradual changes coming to socio political realm of England LO2: Connect the contexts of the French Revolution to the transition noticed in the different genres of literature LO3: Assess the significant roles played by reason and imagination CO2: Comprehend the growth of early Romantic and Romantic poetry in England LO1: Evaluate the renewal of the imaginative spirit in poetry replacing the earlier Neo-Classical emphasis on reason LO2 : Apply the knowledge of poetry and poetic craft in the age in understanding the social transition LO3: Assess the manifestation of the return to Nature in different forms adopted by poets like Wordsworth and Keats LO4: Understand the emotive, visionary and sensuous aspects of poetry enunciated through language and lyricism. CO3: Trace the growth of the novel form in the Romantic age LO1: Analyse the explorations of social realism in the novel form through a reading of Jane Austen's novels. LO2 : Evaluate the genre of the novel with special attention to women novelists and their writings LO3: Examine the celebration of Nature in its majesty and terror LO4 : Contextualise the spirit of the Gothic form in the age through a focused reading of Frankenstein. CO4: Identity the significance of the age in terms of production of literature LO1: Compare the development of English poetry with that of the earlier ages LO2: Situate the new modes of writing novels with emphasis on both social realism and supernatural reality LO3: Assess the larger impact of literature of the period in heralding significant changes in the nineteenth century.

Course Code : C- 9

CO1 : Develop an understanding of the political, social, and cultural context of the 20th century Britain LO1: Analyse the socio political milieu during and after the First World War LO2: Examine the growth of movements such as Symbolism, Cubism, Dadaism, Expressionism and Nihilism LO3 : Identify the group of capitalism in Europe and its impact on human minds LO4: Discuss the significance of the Women's movement in the early twentieth century CO2: Outline the growth of English Fiction in the early twentieth century LO1 : Develop an acquaintance with concepts like stream-of-consciousness, Oedipus complex, avant garde, gyre, interior monologue etc LO2: Examine the experiments in narrative through a critical reading of the works of fiction LO3 : Identify the significance of the colonial world in juxtaposition with the Eurocentric experience. LO4 : Develop a knowledge about the affective dimensions of works contemplating the future of humanity and culture with ironic pessimism and cynicism. CO3 : Evaluate the Modernist Poetry of the era LO1 : Assess the visionary poetry of W B Yeats replicating the spirit of the age LO2: Contextualise the poems of T S Eliot with emphasis on the disintegration of the society and its consequent effect on human mind LO3 : Explain the presentation of wars and its adverse effect on human life through a focused reading of poems by Auden LO4 : Discuss the use of free verse and other experiments in Modernist poetry.

Course Code : C- 10

CO1 : Develop an understanding of the European Classical Tradition LO1 : Discuss the literature written in Greek, Roman and Latin LO2: Examine the growth of genres like Epic, Comedy, Tragedy and Satire in the ancient world LO3 : Assess the influence of the classical tradition in English literature CO2 : Outline the growth of the Classical Greek Epic LO1 : Analyse the Epic form with reference to Homer's works LO2: Examine the style and form of Greek epic LO3 : Assess the significance of myth and storytelling CO3 : Define the significance of the classical Greek and Roman Tragedy LO1 : Analyse the form of tragedy through a focused reading of Sophocles and Plautus LO2 : Examine the concepts of catharsis and mimesis LO3 : Assess the significance of the Athenian city state CO4: Draw an outline of the classical Roman epic tradition LO1 : Analyse the Roman tradition of epic through a study of Ovid LO2 : Examine the practice of satire in ancient Rome through a reading of Horace LO3 : Compare the Epic traditions of Greece and Rome.

Course Code : C-11

CO1 : Develop an understanding of English literary criticism in the nineteenth century LO1 : Identify the changes coming to the field owing to socio cultural changes in the period LO2: Examine the poetics of Wordsworth and Coleridge that focuses on the expressions of the artist LO3 : Examine the concepts of fancy and imagination CO2: Contextualise literary criticism in the Modern age LO1 : Analyse the objective turn in English literary criticism LO2 : Examine the tenets of New criticism LO3 : Develop an understanding of the significance of the text in twentieth century criticism CO3 : Explain the developments of Practical Criticism and Feminist Criticism LO1 : Assess the contribution of I. A Richards LO2 : Define the concept of close reading LO3 : Develop an understanding of the Feminist movement and its proliferation in the Western and the non-Western world.

Course Code : Minor 5

CO1: Develop a critical understanding of the socio historical reality of nineteenth century Britain LO1: Analyse the spiritual crisis of the age that had set due to the significant impact of scientific ideology LO2: Examine the impact of utilitarian values on human lives and its effect on social responsibilities LO3 : Examine the influence of ground breaking theories propounded by Darwin, Marx and Freud on the contemporary human mind LO4: Explain concepts like utilitarianism, surplus value, Victorian prudishness, survival of the fittest etc. CO2: Outline the growth of English novel in the period LO1 : Examine the development of working class novels fuelled by industrialisation and urbanisation LO2: Analyse the conditioning of human mind and action by the temperament of time through a close reading of Dickens LO3 : Evaluate the presentation of everyday life through women's point of view through a focused reading of Charlotte Bronte LO4: Examine the significant developments in narrative strategy of novels written in the period CO3: Analyse the developments in English poetry in the Victorian age LO1 : Develop an understanding of new forms of poetry such as Dramatic Monologue and Pre-Raphaelite poetry LO2 : Examine the spirit of adventure and the glory of colonial expansion in poems by Tennyson LO3 : Discuss the presentation of other forms of reality and the women's question in Christina Rossetti's poems LO4: Examine the presentation of love and reality in poems by Browning CO4: Assess the contribution of the Victorian Age in shaping British Literature LO1 : Compare the spirit of the time and its heralding of scientific thought to that of the Romantic ideals of the earlier age LO2 : Interpret the significant rise of the novel form in effectively representing the contradictory and oppositional drives

and processes of the age LO3 : Explain the vital positioning of the questions of marriage and sexuality in all the forms of literature.

Course Code : C-12

CO1 : Develop an understanding of the making of Postcolonial Literature LO1 : Assess the impact of colonisation in the colonised societies LO2 : Examine the process of decolonisation that leads to the emergence of postcolonial writings LO3 : Assess the significance of issues like identity, language, race, binaries etc. LO4 : Discuss the elements of subversion and writing back in postcolonial literature CO2 : Appreciate the contribution of the African world to Postcolonial literature LO1 : Analyse the questions of colonial identities in Chinua Achebe's novels LO2 : Examine the politics of language and race in post-colonial Africa LO3 : Interpret the postcolonial understanding of gender in Africa CO3 : Develop an understanding of literature from Latin America LO1 : Examine the context of colonialism and postcolonialism in Latin American context LO2 : Examine the styles of fiction and poetry from Latin America through a focused reading of Marquez and Neruda LO3 : Examine the concepts of politics, gender and patriarchy in the Latin American context CO4: Develop an understanding of short stories from the erstwhile colonised world LO1 : Examine the representation of the beliefs and worldviews of the societies undergoing colonisation LO2 : Analyse the questions of gender identity and the postcolonial society LO3 : Assess the contribution of women writers from the postcolonial world LO4: Draw an overview of the marginalized voices and their presentation through works of fiction.

Course Code : C-13

CO1: Outline the major issues addressed by the different genres of world literature LO1 : Appreciate the idea of world literature LO2 : Examine the concepts of memory, home, displacement and diaspora LO3 : Assess the significance of the binaries of race and culture in shaping world literature LO4: Discuss the emergence of literature with emphasis on readership CO2 : Assess the significance of Diasporic and Young Adult fiction LO1 : Discuss the craft of V S Naipaul and the issue of identity crisis LO2 : Examine the narrative form in Naipaul and Saint-Exupery's works LO3 : Interpret the inclusion of memory as a trope LO4: Analyse the themes of loneliness, friendship and love through a reading of young adult fiction CO3 : Discuss the women's question in world literature LO1 : Analyse the issue of indigeneity and identity politics LO2 : Examine the experiments in drama and poetry in representing the issues of women LO3 : Assess the significance of the women's across the world CO4: Examine the contribution of poetry to world literature LO1 : Define the poetic craft across diverse cultures LO2 : Examine the concepts of identity, violence, global crisis and politics addressed in the works of poetry LO3 : Examine the forms and experiments in poetry LO4: Draw a comparative assessment of the poems from different parts of the world.

Course Code : C-14

CO1 : Analyse the socio-historical background of American literature LO1 : Contextualise the spirit of the American identity LO2 : Define the significance of concept of the American Dream LO3 : Assess the importance of folklore, myth, realism and race in shaping American literature LO4 : Discuss the distinct growth of the Black voice and the experiences of slavery LO5: Examine the differences of worldview of literature emerging from the American North(and East) and the American South CO2 : Outline the growth of American Drama LO1 : Analyse the elements of social realism in American drama LO2 :

Examine the representation of development and its fallout in the ever expanding American culture LO3 : Assess the dramaturgy through a close reading of Tennessee Williams CO3 : Evaluate the unique features of American fiction LO1 : Analyse the craft of Poe and Faulkner as distinct markers of American fiction LO2 : Appreciate the inclusion of the Black women's experience in American literature LO3: Examine the elements of realism and fantasy inherent in the works of fiction LO4: Examine the different narrative forms used by the writers across ages CO4 : Draw an outline of the development of American poetry LO1: Contextualise the poems in their distinct American locations and experiences LO2: Trace the elements of democracy and modernist tendency LO3 : Compare the poetic forms and expressions from the time of Anne Bradstreet to Sherman Alexie.

Course Code : C-15

CO1: Develop an understanding of Marxism as an important school of theory LO1 : Define the tenets of Marxism and its history LO2 : Examine the paradigms of class and social relationships LO3 : Define the concepts of bourgeois, proletariat, hegemony, ideology and ideological state apparatus LO4: Critique the social structures from a Marxist point of view CO2: Appreciate Feminism as a major school of thought LO1 : Contextualise the Feminist movement as a major twentieth century movement LO2 : Define the concepts of women's rights, women's writing, gynocriticism, body, sexuality etc LO3 : Evaluate the contribution of French Feminism LO4: Define and criticise the ideology of patriarchy CO3 : Evaluate the significance of Poststructuralism LO1 : Examine the concepts of logocentrism, deconstruction, power, episteme, center etc. LO2 : Apply the poststructuralist approach in reading a text LO3 : Assess the contribution of Derrida and Foucault to late twentieth century domain of literary theory CO4 : Examine the significance of the Postcolonial school of thought LO1 : Analyse the binaries of East and West in terms of the experience of colonialism and capitalism LO2 : Assess the postcolonial worldview through a focused reading of Gandhi, Said and Ahmed LO3 : Examine the concepts of orientalism, third world literature, swaraj and decoloniality.

Course Code : Minor 6

CO1 : Develop an understanding of the political, social, and cultural context of the 20th century Britain LO1: Analyse the socio political milieu during and after the First World War LO2: Examine the growth of movements such as Symbolism, Cubism, Dadaism, Expressionism and Nihilism LO3 : Identify the group of capitalism in Europe and its impact on human minds LO4: Discuss the significance of the Women's movement in the early twentieth century CO2: Outline the growth of English Fiction in the early twentieth century LO1 : Develop an acquaintance with concepts like stream-of-consciousness, Oedipus complex, avant garde, gyre, interior monologue etc LO2: Examine the experiments in narrative through a critical reading of the works of fiction LO3 : Identify the significance of the colonial world in juxtaposition with the Eurocentric experience. LO4 : Develop a knowledge about the affective dimensions of works contemplating the future of humanity and culture with ironic pessimism and cynicism. CO3 : Evaluate the Modernist Poetry of the era LO1 : Assess the visionary poetry of W B Yeats replicating the spirit of the age LO2: Contextualise the poems of T S Eliot with emphasis on the disintegration of the society and its consequent effect on human mind LO3 : Explain the presentation of wars and its adverse effect on human life through a focused reading of poems by Auden LO4 : Discuss the use of free verse and other experiments in Modernist poetry.

GEOGRAPHY

Program Specific Outcomes (PSOs)

The following table describes the outcomes that graduates of the BA/B.Sc. Geography programs are expected to achieve after the successful completion of their studies:

PSO1 Graduates will adeptly solve a variety of problems and will be able to critically analyse their findings.

PSO2 Graduates will analyse and interpret results, and foster innovation by developing ideas that reflect broader Geo-environmental contexts.

PSO3 Graduates will apply their knowledge to design effective methodologies for addressing real-world problems.

PSO4 Graduates will utilize learned techniques, skills, and modern tools appropriately to address specific challenges.

PSO5 Graduates will acquire enhanced problem-solving abilities, analytical thinking and creativity,

PSO6 Graduates will be proficient in writing comprehensive reports, creating impactful presentations, and efficiently communicating findings.

PSO7 Graduates will build the confidence necessary to excel in competitive exams such as NET, SET, UPSC/APSC etc.

Program Outcomes (POs)

The following table describes the outcomes that graduates of the B.A/B.Sc. Geography programs are expected to achieve the following upon successful completion of their studies:

PO1: Graduates will comprehend fundamental concepts and be able to expand upon the concepts, theories, methods and techniques in Geography.

PO2: Graduates will possess advanced knowledge and deep insights in various Geographical domains.

PO3: Graduates will master diverse problem-solving methodologies applicable to Socioeconomic and environmental problems.

PO4: Graduates will be adept at communicating geographical ideas with precision and clarity.

PO5: Graduates will enhance their professional skills and gain expertise in specialized areas of geography.

PO6: Graduates will acquire skills necessary for engaging in independent research.

PO7: Graduates will become professionals capable of addressing real-life problems.

PO8: Graduates will be trained to prepare reports such as field reports, dissertation, thesis, etc. with clarity.

Course Outcomes:

COURSE CODE : GGRC1

Course Outcomes (COs) and Intended Learning Outcomes (ILOs): students will be able to:

CO1: Understand key concepts and terminologies in geomorphology. ILO 1.1: Recall definitions of geomorphological terms. ILO 1.2: Identify different geomorphic processes. ILO 1.3: List various landforms created by geomorphic processes. CO2: Explain the earth's interior structure and geomorphic processes. ILO 2.1: Describe the structure of the earth's interior. ILO 2.2: Explain the concepts of isostasy, plate tectonics, and geosynclines. ILO 2.3: Discuss the processes of weathering and mass wasting. CO3: Apply geomorphic knowledge to analyse and interpret landscapes and landforms. ILO 3.1: Use topographical maps to interpret landforms. ILO 3.2: Perform morphometric and slope analysis on various terrains. ILO 3.3: Analyse fluvial, karst, aeolian, glacial, and coastal landforms. CO4: Differentiate between erosional and depositional processes. ILO 4.1: Compare and contrast different types of erosional landforms. ILO 4.2: Identify depositional features in various environments. ILO 4.3: Assess the impact of climatic conditions on geomorphic processes. CO5: Integrate geomorphic principles to solve complex geomorphological problems. ILO 5.1: Combine knowledge of endogenetic and exogenetic processes to explain landform evolution. ILO 5.2: Create models representing different geomorphic processes. ILO 5.3: Propose solutions to geomorphological issues in environmental management. CO6: Critically evaluate geomorphic processes and their implications on landform development. ILO 6.1: Judge the effectiveness of different geomorphic theories. ILO 6.2: Evaluate the role of geomorphic processes in landscape modification. ILO 6.3: Appraise the implications of human activities on geomorphic processes.

COURSE CODE : MINGGR1

CO1: Describe the nature and scope of geomorphology and oceanography. ILO 1.1: Define and differentiate between geomorphology and oceanography. ILO 1.2: Explain the significance of geomorphic and oceanographic processes in shaping the Earth's surface. ILO 1.3: Analyse geomorphological and oceanographic concepts to understand real world landscapes and marine environments. CO2: Analyse the processes and landforms associated with endogenetic and exogenetic

forces. ILO 2.1: Analyse the causes and effects of endogenetic forces such as tectonic movements and exogenetic forces like weathering and erosion. ILO 2.2: Integrate knowledge of Earth's interior structure and surface processes to explain the formation of specific landforms. ILO 2.3: Critically evaluate the impact of geological processes on human activities and the environment. CO3: Evaluate the factors influencing ocean salinity, temperature, waves, tides, and currents. ILO 3.1: Understand the factors influencing ocean salinity, temperature variations, and oceanic circulation patterns. ILO 3.2: Apply knowledge of oceanographic processes to interpret regional variations in marine environments. ILO 3.3: Analyse the relationships between oceanic phenomena such as waves, tides, and currents. CO4: Apply practical techniques for interpreting topographical maps and geomorphic data. ILO 4.1: Apply practical skills to interpret topographical maps and analyse geomorphic data. ILO 4.2: Synthesize information from multiple sources, including topographical maps and field observations, to draw conclusions about landscape evolution. ILO 4.3: Evaluate the accuracy and reliability of data obtained through practical techniques. CO5: Critically analyse the interplay between geological processes and environmental dynamics. ILO 5.1: Analyse the interactions between geological processes and environmental factors such as climate change and land use. ILO 5.2: Evaluate the sustainability of human activities in geomorphologically and oceanographically sensitive areas. ILO 5.3: Develop strategies for mitigating the impact of geological hazards on human populations and ecosystems. CO6: Demonstrate effective communication of geomorphological and oceanographic concepts. ILO 6.1: Communicate geomorphological and oceanographic concepts effectively through written reports, presentations, and discussions. ILO 6.2: Present complex geological information in a clear and accessible manner to diverse audiences. ILO 6.3: Collaborate with peers to develop interdisciplinary solutions to geomorphological and oceanographic challenges.

COURSE CODE : SEC106

CO1: Define and classify disasters according to their nature and impact. ILO 1.1: Define hazards, disasters, risk, and vulnerability, distinguishing between various types of disasters. ILO 1.2: Classify disasters based on their causes and impacts. ILO 1.3: Identify and categorize different types of disasters encountered globally and within India. CO2: State the causes, impacts, and distribution of disasters in India. ILO 2.1: Explain the causes behind prevalent disasters such as floods, landslides, droughts, earthquakes, tsunamis, and cyclones in India. ILO 2.2: State the socio-economic and environmental impacts of these disasters on affected regions and communities. ILO 2.3: Evaluate the distribution patterns of disasters across different geographical regions of India. CO3: Evaluate response and mitigation strategies employed in disaster management. ILO 3.1: Analyse the concepts of response and mitigation in disaster management. ILO 3.2: Critically justify the effectiveness of various response and mitigation strategies employed during and after disasters. ILO 3.3: Propose mitigation measures for specific disaster scenarios. CO4: Develop preparedness plans and protocols for disaster situations. ILO 4.1: Apply their knowledge to develop preparedness plans for different types of disasters. ILO 4.2: Synthesize information to create comprehensive disaster preparedness protocols. ILO 4.3: Evaluate the adequacy and effectiveness of preparedness plans in mitigating disaster risks. CO5: Demonstrate effective communication and leadership skills in disaster scenarios. ILO 5.1: Demonstrate effective communication skills in disseminating disaster-related information to communities. ILO 5.2: Analyse the role of leadership in coordinating disaster response and mitigation efforts. ILO 5.3: Find strategies for effective communication and leadership during disasters. CO6: Apply theoretical knowledge in

practical fieldwork to assess and address various types of disasters. ILO 6.1: Application of theoretical concepts learned in class to practical fieldwork scenarios. ILO 6.2: Analyse real-world disaster scenarios during fieldwork and propose appropriate solutions. ILO 6.3: Evaluate the effectiveness of their practical interventions in mitigating disaster impacts.

COURSE CODE : GGRC2

CO1: Understand the fundamental concepts and principles of climatology. ILO 1.1: Identify the components and structure of the atmosphere. ILO 1.2: Explain the factors influencing atmospheric temperature distribution. ILO 1.3: Define insolation and its role in the Earth's heat budget. CO2: Interpret and explain various atmospheric phenomena and climatic patterns. ILO 2.1: Interpret weather symbols and analyse weather maps effectively. ILO 2.2: Describe the characteristics of pressure belts and planetary winds. ILO 2.3: Explain the concept of airmass, fronts, cyclones, and anticyclones. CO3: Apply climatological knowledge to analyse and interpret real-world climatic data. ILO 3.1: Utilize Climograph, hythergraphs, and ergographs to represent climatic data. ILO 3.2: Analyse rainfall distribution maps to identify regional climatic patterns. ILO 3.3: Apply climatic classification systems to categorize climates. CO4: Analyse the relationships between atmospheric variables and their impacts. ILO 4.1: Analyse the relationship between evaporation, humidity, and condensation processes. ILO 4.2: Evaluate the influence of atmospheric pressure systems and wind patterns. ILO 4.3: Assess the role of oceanic and atmospheric circulation patterns in regional climate variations. CO5: Propose solutions for climate-related challenges. ILO 5.1: Develop strategies to mitigate the impact of extreme weather events. ILO 5.2: Propose adaptation measures to address the challenges posed by climate change. ILO 5.3: Synthesize interdisciplinary perspectives to address complex climate-related issues. CO6: Critically evaluate climatic data and climate change theories. ILO 6.1: Critically evaluate the reliability and limitations of climatic data sources. ILO 6.2: Assess the validity of climate change theories and predictions. ILO 6.3: Formulate well-reasoned arguments and recommendations for addressing climate change challenges in policy and practice.

COURSE CODE : MINGGR2

CO1: Analyze the components and dynamics of Earth's climate system. ILO 1.1: Identify the key elements of Earth's atmosphere and their role in climate regulation. ILO 1.2: Interpret temperature distribution patterns and the mechanisms driving heat exchange within the atmosphere. ILO 1.3: Analyze the causes and implications of temperature inversions. CO2: Evaluate the influence of atmospheric pressure and wind patterns on global climate. ILO 2.1: Examine the concept of pressure belts and their role in shaping global atmospheric circulation. ILO 2.2: Evaluate the impact of jet streams and monsoons on regional climate variability. ILO 2.3: Assess the significance of cyclones, anticyclones, and local wind systems in atmospheric circulation. CO3: Assess the biogeographical patterns and their significance in biodiversity conservation. ILO 3.1: Define biogeography and its relevance in understanding the distribution of species. ILO 3.2: Analyze the major zoogeographical and phytogeographical regions of the world. ILO 3.3: Evaluate the causes and consequences of biodiversity loss and conservation. CO4: Apply quantitative methods to interpret weather data and climatic classifications. ILO 4.1: Interpret weather symbols depicted on maps to analyze atmospheric conditions. ILO 4.2: Utilize rainfall-temperature graphs, hythergraphs, and Climograph to represent

climatic data. ILO 4.3: Demonstrate proficiency in mapping protected areas and biodiversity hotspots. CO5: Synthesize information to understand the interactions between climate, geography, and human activities. ILO 5.1: Analyze climatic patterns and their impact on agriculture, economy, and society. ILO 5.2: Cite examples illustrating the interplay between climate change and human livelihoods. ILO 5.3: Evaluate strategies for mitigating and adapting to climate change at different levels. CO6: Demonstrate proficiency in critical thinking and problem-solving related to climatic and biogeographical issues. ILO 6.1: Critically analyze debates on climate change and biodiversity conservation. ILO 6.2: Apply theoretical concepts to real-world scenarios to propose sustainable solutions. ILO 6.3: Interpret biodiversity mapping and address complex environmental challenges.

COURSE CODE :SEC206

CO1: Demonstrate field study concepts and data types through analysis and interpretation. ILO 1.1: Identify different types of geographical data. ILO 1.2: Explain the significance of field study in geographical research. ILO 1.3: Classify techniques for collecting primary and secondary data. CO2: Illustrate data collection techniques and processes through practical application. ILO 2.1: Apply appropriate techniques for primary data collection. ILO 2.2: Analyse data tabulation, processing, and analysis methods. ILO 2.3: Interpret the preparation of questionnaires and schedules for field research. CO3: Apply theoretical knowledge to design comprehensive field reports. ILO 3.1: Design field study reports with clear aims, objectives, and methodology. ILO 3.2: Utilize tables, charts, diagrams, maps, and photographs effectively in field reports. ILO 3.3: Implement digital media for enhanced presentation and dissemination of findings. CO4: Analyse the components and structure of field reports. ILO 4.1: Evaluate the structure of field study reports for coherence and clarity. ILO 4.2: Critically assess the use of visual aids in data representation. ILO 4.3: Compare and contrast different methods of field data interpretation. CO5: Create field report by synthesizing theoretical knowledge and practical skills. ILO 5.1: Synthesize theoretical concepts with practical fieldwork experience. ILO 5.2: Develop innovative approaches to data collection and analysis. ILO 5.3: Integrate various media formats for impactful report presentation. CO6: Evaluate the effectiveness of field study methodologies and reporting techniques for geographical research. ILO 6.1: Critique the strengths and limitations of different data collection methods. ILO 6.2: Assess the reliability and validity of field study findings. ILO 6.3: Propose improvements to enhance the quality and rigor of field research practices.

COURSE CODE : GGRC3

CO1: Demonstrate a comprehensive understanding of environmental geography principles and concepts. ILO 1.1: Identify key concepts in environmental geography. ILO 1.2: Define the scope and nature of environmental geography. ILO 1.3: Recall the developments in the field of environmental geography. CO2: Interpret the principles of ecology and their application in understanding ecosystems. ILO 2.1: Explain the principles governing ecological systems. ILO 2.2: Interpret the structure and function of ecosystems. ILO 2.3: Discuss the significance of ecological dynamics in environmental studies. CO3: Apply ecological concepts to analyse the relationships between human activities and the environment. ILO 3.1: Apply ecological principles to analyse human-environment interactions. ILO 3.2: Evaluate the impact of human activities on different biomes. ILO 3.3: Propose adaptive strategies for sustainable

human-environment coexistence. CO4: Analyse environmental degradation processes and evaluate conservation strategies. ILO 4.1: Analyse the causes and consequences of environmental degradation. ILO 4.2: Evaluate conservation efforts for water, soil, forests, and marine ecosystems. ILO 4.3: Critically assess environmental policies and their effectiveness. CO5: Integrate knowledge from field observations to propose solutions for environmental challenges. ILO 5.1: Synthesize field observations to identify environmental issues. ILO 5.2: Generate hypotheses for addressing environmental problems. ILO 5.3: Develop action plans for environmental conservation based on collected data. CO6: Evaluate the effectiveness of environmental protection policies and practices. ILO 6.1: Critique environmental protection policies for their efficacy. ILO 6.2: Assess the impact of environmental impact assessments (EIA). ILO 6.3: Formulate recommendations for promoting sustainable development practices.

COURSE CODE : GGRC4

CO1: Describe the fundamental concepts, components and historical development of remote sensing. ILO 1.1: Define remote sensing and explain its significance in geographic studies. ILO 1.2: Identify key components and platforms used in remote sensing. ILO 1.3: Outline the historical milestones in the development of remote sensing technology. CO2: Analyse and interpret remote sensing data using digital image processing techniques. ILO 2.1: Differentiate between types of digital images and their characteristics. ILO 2.2: Explain the steps involved in digital image processing. ILO 2.3: Perform image enhancement and classification using appropriate software tools. CO3: Explain the principles of GIS, including the management and analysis of spatial and non-spatial data. ILO 3.1: Define GIS and discuss its core components and functions. ILO 3.2: Differentiate between raster and vector data structures and their applications. ILO 3.3: Describe methods for collecting and geo-referencing spatial data. CO4: Utilize GIS software to create, manage, and analyse spatial data, including the integration of remote sensing data. ILO 4.1: Import and manipulate raster and vector data within a GIS interface. ILO 4.2: Create and edit shapefiles, and perform spatial analysis such as buffering. ILO 4.3: Conduct GIS-based data visualization and interpretation. CO5: Apply remote sensing and GIS techniques to practical geographic problems, such as land-use change detection. ILO 5.1: Identify appropriate remote sensing and GIS methods for specific geographic problems. ILO 5.2: Analyse and interpret satellite images for landform and land-use analysis; ILO 5.3: Develop GIS-based solutions for resource management and urban planning challenges. CO6: Critically evaluate and communicate remote sensing and GIS research and findings effectively. ILO 6.1: Review and critique recent literature on remote sensing and GIS methodologies. ILO 6.2: Prepare and present research findings clearly and concisely. ILO 6.3: Write comprehensive reports and papers on remote sensing and GIS applications.

COURSE CODE : MINGGR3

CO1: Analyse fundamental concepts and contemporary relevance of human geography to recognize its scope and importance in understanding human-environment interactions. ILO 1.1: Describe key concepts in human geography. ILO 1.2: Identify the relevance of human geography in modern contexts. ILO 1.3: Students will be able to relate human geography theories to real-world examples. CO2: Evaluate the principles and theories of determinism, possibilism, and neo-determinism to distinguish their applications and implications in human geography studies. ILO 2.1: Differentiate between determinism,

possibilism, and neo-determinism. ILO 2.2: Assess the implications of each school of thought on human geography. ILO 2.3: Apply these principles to case studies. CO3: Assess the Human Development Index across various regions to understand development disparities and associated challenges. ILO 3.1: Calculate and interpret the Human Development Index. ILO 3.2: Compare the development status of different countries. ILO 3.3: Discuss the problems and prospects related to development in these regions. CO4: Examine the scope and types of space in social geography to understand the relationships between society, space, and the environment in addressing social issues. ILO 4.1: Define the concept of space in social geography. ILO 4.2: Categorize different types of space and their significance. ILO 4.3: Analyse social issues within the context of space and environment interactions. CO5: Explore cultural regions and diffusion to understand cultural dynamics and the factors influencing cultural change and diversity. ILO 5.1: Identify and map cultural regions of the world. ILO 5.2: Explain the concept and process of cultural diffusion. ILO 5.3: Analyse factors that affect cultural diffusion and its outcomes. CO6: Apply practical skills in creating age–sex pyramids and disparity maps to evaluate demographic and social disparities in developed and developing regions. ILO 6.1: Construct and interpret age–sex pyramids for different regions. ILO 6.2: Create sex disparity maps with regional focus. ILO 6.3: Utilize histograms, line graphs, and pie diagrams to represent human development data effectively.

COURSE CODE : GGRC5

CO1: Explain and evaluate the significance of Human Geography in societal development and identify its interdisciplinary connections. ILO 1.1: Analyse the contributions of Human Geography to addressing contemporary societal challenges. ILO 1.2: Assess the impact of human activities on geographical landscapes and ecosystems. ILO 1.3: Formulate interdisciplinary approaches to complex geographical issues. CO2: Apply theoretical frameworks to analyse population dynamics and understand their implications on regional development. ILO 2.1: Interpret demographic data to discern trends in population growth and distribution. ILO 2.2: Evaluate the impact of socio-economic factors on population dynamics. ILO 2.3: Propose strategies for sustainable population management at local and global scales. CO3: Classify settlements based on their characteristics and assess their socio-economic significance. ILO 3.1: Analyse the factors influencing the location and morphology of rural and urban settlements. ILO 3.2: Compare and contrast settlement patterns across different geographical regions. ILO 3.3: Evaluate the role of settlements in fostering economic development and social cohesion. CO4: Utilize geographical techniques to analyse population data and settlement patterns. ILO 4.1: Apply mapping techniques to represent population distribution and density. ILO 4.2: Interpret demographic indicators to assess regional development disparities. ILO 4.3: Employ spatial analysis tools to identify patterns and trends in settlement geography. CO5: Critically examine contemporary issues in population dynamics and settlement patterns. ILO 5.1: Assess the social, economic, and environmental implications of aging populations and declining sex ratios. ILO 5.2: Evaluate the effectiveness of policies aimed at addressing urbanization challenges. ILO 5.3: Propose innovative solutions to mitigate the impacts of HIV/AIDS on vulnerable populations. CO6: Demonstrate proficiency in geographical research methods and techniques through practical applications. ILO 6.1: Design and conduct spatial analyses to investigate population dynamics and settlement patterns. ILO 6.2: Present research findings effectively using appropriate visual aids and data visualization techniques. ILO 6.3: Collaborate with peers to solve real-world geographical problems and communicate findings to diverse audiences.

COURSE CODE : GGRC6

CO 1: Understand the foundational concepts and scope of Political Geography. ILO 1.1: Define the key concepts and scope of Political Geography. ILO 1.2: Describe various approaches to studying Political Geography. ILO 1.3: Analyse the nature and significance of Political Geography in contemporary geopolitical contexts. CO 2: Analyse geopolitical theories and their historical evolution. ILO 2.1: Explain the concept and evolution of Geopolitics. ILO 2.2: Summarize the geostrategic theories of Mahan, Mackinder, and Spykman. ILO 2.3: Compare the applications and implications of these theories in modern geopolitical scenarios. CO 3: Examine the elements and geographical attributes of states and nation-states. ILO 3.1: Identify the key elements of a state and its geographical attributes (size, shape, location). ILO 3.2: Analyse factors contributing to nation-building and the formation of nation-states. ILO 3.3: Assess the implications of these attributes on the political stability and identity of states. CO 4: Evaluate the concepts of frontiers, boundaries, and their functions in the context of Political Geography. ILO 4.1: Define the concepts of frontiers and boundaries. ILO 4.2: Classify different types of boundaries and their functions. ILO 4.3: Evaluate how boundaries influence political relationships and conflicts. CO 5: Apply practical knowledge through map analysis and shape index calculations related to political reorganization and territorial disputes. ILO 5.1: Create and interpret maps showing the reorganization of North East India. ILO 5.2: Use the Chorley and Haggett method to calculate and analyse shape indices. ILO 5.3: Map and interpret the territories of major Autonomous Councils in Assam and their political significance.

COURSE CODE : GGRC7

CO1: Recall and comprehend the significance of statistical methods in Geography. ILO 1.1: Describe the importance of statistical methods in geographic research. ILO 1.2: Explain the limitations of statistical techniques in geographical analysis. ILO 1.3: Identify different types and sources of geographical data. CO2: Demonstrate understanding of various statistical measures and their applications in geographical data analysis. ILO 2.1: Summarize the methods and techniques of data collection in Geography. ILO 2.2: Explain the concept of scale of measurement and its implications in data analysis. ILO 2.3: Interpret measures of central tendency and dispersion in the context of geographical data. CO3: Apply statistical methods to analyse geographical data and draw meaningful conclusions. ILO 3.1: Apply sampling techniques to collect representative geographical data. ILO 3.2: Utilize correlation and regression analysis to explore relationships between geographical variables. ILO 3.3: Apply graphical representation techniques to present geographical data effectively. CO4: Analyse geographical data using statistical tools to identify patterns and trends. ILO 4.1: Analyse frequency distributions and histograms to understand data distribution. ILO 4.2: Evaluate the relationship between variables using correlation coefficients. ILO 4.3: Interpret residual maps to assess the goodness of fit in regression analysis. CO5: Integrate statistical methods with geographic principles to solve real-world problems. ILO 5.1: Design effective sampling strategies for specific geographic research objectives. ILO 5.2: Synthesize findings from correlation and regression analyses to make informed geographic decisions. ILO 5.3: Develop variability maps to visualize spatial patterns in geographical data. CO6: Evaluate the appropriateness and effectiveness of statistical methods in addressing geographic research questions. ILO 6.1: Critique the strengths and weaknesses of different data collection techniques in Geography. ILO 6.2: Evaluate the reliability of correlation and regression analyses in different geographic contexts. ILO 6.3: Assess the utility of statistical measures in supporting evidence-based decision making in Geography.

COURSE CODE : GGRC 8

CO1: State the principles and significance of Biogeography and Oceanography. ILO 1.1: Identify different biogeographic regions and explain their characteristics. ILO 1.2: Describe the significance of oceanography in understanding Earth's processes. ILO 1.3: Explain the relationship between climate, soil, and the distribution of plants and animals. CO2: Analyse the distribution patterns of plants, animals, and soil types. ILO 2.1: Analyse world distribution patterns of plants and animals in relation to climate and human activities. ILO 2.2: Classify and explain the distribution of major soil types, particularly in India and Assam. ILO 2.3: Interpret the significance of soil erosion and conservation measures. CO3: Evaluate the ocean floor configurations and oceanographic phenomena. ILO 3.1: Describe the configuration of the ocean floor and its significance. ILO 3.2: Analyse the salinity, temperature, and currents of different ocean basins. ILO 3.3: Evaluate theories explaining the origin of coral reefs and atolls. CO4: Apply mapping techniques in Biogeography and Oceanography. ILO 4.1: Map phytogeographic and zoogeographic regions of the world. ILO 4.2: Create maps depicting protected areas in Assam/North East India/India. ILO 4.3: Construct hypsometric and bathymetric curves for specific regions. CO5: Synthesize knowledge of interactions between life distribution and human activities. ILO 5.1: Analyse the impact of human activities on the distribution of plants and animals. ILO 5.2: Evaluate the role of conservation efforts in preserving biodiversity. ILO 5.3: Assess the implications of human-induced changes on coastal and marine environments. CO6: Demonstrate practical skills in Biogeography and Oceanography. ILO 6.1: Conduct fieldwork to observe and document biogeographic and oceanographic features. ILO 6.2: Apply practical techniques in soil analysis and mapping of marine resources. ILO 6.3: Utilize GIS tools and software for spatial analysis and mapping exercises.

COURSE CODE : MINGGR4

CO1: Define the Concept of Resources and Their Relationship with Economic Development ILO 1.1: Explain the concept of resources in geographical and economic contexts. ILO 1.2: Analyse the relationship between resource base and economic development. ILO 1.3: Categorize and describe various types of resources and their characteristics. CO2: Evaluate the Distribution and Utilization of Natural Resources in the World ILO 2.1: Identify the global distribution of key natural resources like soil, water, forests, and minerals. ILO 2.2: Assess how these resources contribute to economic development in different regions. ILO 2.3: Discuss the concept of development and the rational use of natural resources, including Environmental Impact Assessment (EIA). CO3: Analyse Patterns of Economic Development and Resource Use ILO 3.1: Compare the development patterns of developed and developing countries. ILO 3.2: Evaluate the world energy crisis, its causes, and potential mitigation and management strategies. ILO 3.3: Explore the role of technology in the efficient utilization and management of resources. CO4: Apply Practical Skills in Assessing Resource and Economic Development ILO 4.1: Use simple/mean ranking methods to determine levels of development in regions such as India/North-East India/Assam. ILO 4.2: Create maps showing spatial variations in forest cover categories using appropriate cartographic techniques. ILO 4.3: Develop thematic maps for regions like Assam/North-East India to illustrate aspects such as wildlife sanctuaries, national parks, and resource distribution. CO5: Understand and Apply Theories and Models Related to Resource Functionality ILO 5.1: Explain the functional theory of resources in the context of economic geography. ILO 5.2: Analyse case studies or scenarios where the functional theory of resources is applied. ILO 5.3: Evaluate the implications of the functional theory on resource management practices. CO6: Develop Strategies for

the Conservation and Rational Use of Resources ILO 6.1: Appraise different methods for conserving natural resources. ILO 6.2: Discuss the principles of rational resource use and how they can be implemented effectively. ILO 6.3: Propose strategies for the sustainable management of resources, considering economic and environmental factors.

COURSE CODE : GGRC9

CO1: Explain the fundamental concepts and methodologies of regional geography. ILO1.1: Define key concepts in regional geography, including space, area and Region. ILO1.2: Explain the methodologies used in regional geography, such as regionalization. ILO1.3: Discover different methodologies to analyse different regions of the world. CO2: Describe the physical features and climatic variations of different regions. ILO2.1: Describe the physical features of different regions. ILO2.2: Identify the characteristics of flora and faunas of regions, distribution and climatic impact. ILO2.3: Analyse the relationship between physical feature and climatic variations in various regions. CO3: Contrast the resource base and economic contexts that shape regional identities. ILO3.1: Discuss the distribution of resources that have influenced the development of regions. ILO3.2: Analyse the factors of uneven resource distribution in different parts of world. ILO3.3: Evaluate the resources and industries, predominant in various regions. CO4: Infer the interactions and interdependencies between different regions. ILO4.1: Explain the concept of globalization and its impact on regional interdependencies. ILO4.2: Examine case studies of regional conflicts and cooperation to understand political and economic interactions. ILO4.3: Assess the role of international organizations and agreements. CO5: Develop critical thinking and analytical skills. ILO5.1: Conduct comparative analyses of different regions. ILO5.2: Critically evaluate regional issues such as climate change and urbanization. ILO5.3: Propose solutions to regional problems based on geographic analysis and evidence. CO6: Critically evaluate global regional diversity and the complexity of regional issues. ILO6.1: Reflect on the diversity of regions around the world. ILO6.2: Discuss the ethical implications of regional disparities and global inequalities. ILO6.3: Demonstrate an understanding of the interconnectedness of global regions and issues.

COURSE CODE : GGRC10

CO1: Define the basic cartographic principles and map elements. ILO 1.1: Explain the key components of a map, including scale, legend, and orientation. ILO 1.2: Describe the principles of map design and layout. ILO 1.3: Identify different types of scales and their specific uses. CO2: Utilize cartographic methods and techniques to create accurate and informative maps. ILO 2.1: Demonstrate proficiency in using traditional cartographic tools. ILO 2.2: Classify, Conversion and Construction of scales. ILO 2.3: Incorporate different scales and their uses. CO3: Select appropriate map projections for different geographical contexts and interpret. ILO 3.1: Explain the concept of map projection and its importance in cartography. ILO 3.2: Compare different types of map projections (e.g., Gnomonic, cylindrical, conical) and their characteristics. ILO 3.3: Incorporate spatial data and thematic elements into map projections. CO4: Critically evaluate Cartographic methods and techniques and analysis of maps. ILO 4.1: Analyse basic proficiency in using Map projections for map creation. ILO 4.2: Analyse locations of areas using Map projections. ILO 4.3: Select suitable map projections for specific mapping needs and justify the choice CO5: Assess the accuracy, limitations of various cartographic techniques and projections. ILO 5.1: Evaluate the accuracy of different map projections and their impact. ILO 5.2: Critically analyse the

effectiveness of Map Projections, scale and its types. ILO 5.3: Propose improvements or alternative methods for cartographic representations.

COURSE CODE : GGRC11

CO1: Explain the Fundamental Concepts and Theories of economic geography. ILO1.1: Define key terms and concepts in economic geography. ILO1.2: Explain the spatial distribution of economic activities. ILO1.3: Illustrate the historical development of economic geography as a discipline. CO2: Explain spatial distribution of economic activities with citing examples. ILO2.1: Identify the factors influencing the location of various industries. ILO2.2: Analyse locational theories and spatial patterns of agriculture and manufacturing. ILO2.3: Utilize case studies to demonstrate the spatial distribution of specific economic activities. CO3: Examine the relationship among Natural Resources, Technology, and Infrastructure. ILO3.1: Describe the role of natural resources in regional economic development. ILO3.2: Evaluate the impact of technological advancements on economic activities. ILO3.3: Assess the significance of infrastructure in the spatial organization of economies. CO4: Explore the major ocean routes and trade activities. ILO4.1: Explain the processes and drivers of economic globalization. ILO4.2: Discuss the development of transport and communication. ILO4.3: Analyse the role of multinational corporations, Special Economic Zones in the global economy. CO5: Develop Spatial Analysis and Skills. ILO5.1: Apply spatial analysis techniques to economic data. ILO5.2: Use practical methods and techniques to visualize and analyse the spatial distribution of economic activities such as traffic flow, resource distribution and production map etc. ILO5.3: Interpret maps and spatial data related to economic geography. CO6: Critical evaluation of Regional Economic Development ILO6.1: Critically assess different policies of regional economic development. ILO6.2: Discuss the challenges and opportunities in regional economic planning. ILO6.3: Propose policy recommendations based on geographic and economic analysis.

COURSE CODE : MINGGR5

CO1: Explain the key concepts and theories in population and settlement geography. ILO 1.1: Define and describe key concepts in population and settlement geography. ILO 1.2: Explain major theories related to population growth, migration, and urbanization. ILO 1.3: Analyse spatial patterns of population. CO2: Identify and explain patterns and trends in population distribution and migration. ILO 2.1: Collect and interpret demographic data to identify population trends. ILO 2.2: Explain factors influencing population distribution and migration. ILO 2.3: Apply theoretical frameworks to analyse population and settlement issues. CO3: Contrast the growth and development of urban and rural settlement. ILO3.1: Describe different types of settlements and their characteristics. ILO3.2: Analyse the factors contributing to the growth of urban and rural settlements. ILO3.3: Compare and contrast settlement patterns in different regions and cultures. CO4: Evaluate the impacts of population changes on the environment and society. ILO4.1: Evaluate the environmental impacts of population growth and settlement expansion. ILO4.2: Assess the social and economic consequences of urbanization and migration. ILO4.3: Propose sustainable solutions to mitigate negative impacts of population and settlement changes. CO5: Analyse population and settlement policies and their implications. ILO 5.1: Analyse population and settlement policies at local, national, and global levels. ILO 5.2: Critique the effectiveness and implications of these policies. ILO 5.3: Recommend policy improvements based on geographic research and analysis. CO6: Conduct practical works related to population and settlements and interpret to understand real-world situation. ILO 6.1: Create graphs of population growth. ILO 6.2: Infer Population growth and distribution

in developed and developing countries. ILO 6.3: Interpret population data and provide probable solution to your findings.

COURSE CODE : GGRC12

CO1: Demonstrate the historical development of geographic thought. ILO 1.1: Identify and describe major periods in the history of geographic thought. ILO 1.2: Outline the key developments and shifts in geographic paradigms over time. ILO 1.3: Contrast the contributions of different schools of thought. CO2: Explain the key philosophical and theoretical foundations of geography. ILO 2.1: Explain the basic philosophical bases of geographical inquiry. ILO 2.2: Discuss the main theoretical frameworks that have shaped geography as a discipline. ILO 2.3: Illustrate how different concepts and theories have influenced geographical studies. CO3: Discuss the contributions of geographers of different schools of thought. ILO 3.1: Identify key figures in the history of geographical thought and their contributions. ILO 3.2: Describe the major geographic schools of thought and their core principles. ILO 3.3: Analyse the impact of significant works and ideas on the development of the discipline. CO4: Critically explain contemporary debates and trends in geographical thought. ILO 4.1: Identify current trends and emerging debates in geographical thought. ILO 4.2: Discuss the implications of contemporary issues for the future of geography. ILO 4.3: Formulate informed opinions on contemporary geographic debates. CO5: Illustrate the interdisciplinary connections of geographical thought with other fields. ILO 5.1: Identify connections between geography and other academic disciplines. ILO 5.2: Discuss the importance of modern approaches in Geography. ILO 5.3: Illustrate interdisciplinary approaches to addressing complex geographic problems. CO6: Evaluate the impact of Post modernism approaches in Geography. ILO 6.1: Analyse the dynamics of Geographic concepts in present day context. ILO 6.2: Identify Recent trends to investigate geographic problems. ILO 6.3: Design and evaluate the future of Geography and its importance.

COURSE CODE : GGRC13

CO1: State the principles and importance of surveying in geography ILO 1.1: Explain the fundamental concepts and principles of surveying ILO 1.2: Describe the significance of surveying in geography. ILO 1.3: Discuss the role of accuracy and precision in surveying. CO2: Proficiently use various surveying instruments and tools ILO 2.1: Identify and describe the function of different surveying instruments. ILO 2.2: Demonstrate the correct use of surveying instruments in the field. ILO 2.3: Perform calibration and maintenance of surveying equipment. CO3: Conduct accurate field surveys and collect spatial data ILO 3.1: Plan and design a field survey, including site selection and layout. ILO 3.2: Execute field surveys using appropriate techniques and methodologies. ILO 3.3: Record and manage spatial data accurately during fieldwork. CO4: Interpret survey data for geographic applications ILO 4.1: Process raw survey data using relevant software tools such as GPS. ILO 4.2: Create maps and other visual representations from survey data. ILO 4.3: Evaluate the accuracy and reliability of survey data and results. CO5: Apply surveying techniques to real-world geographic problems and mapping projects ILO 5.1: Integrate surveying data with modern mapping tools for analysis. ILO 5.2: Solve geographic problems using survey data and techniques. ILO 5.3: Develop and present a comprehensive mapping project based on survey data.

COURSE CODE : GGRC14

CO1: Outline the physiographic divisions, climate, soils, and natural vegetation of India. ILO1.1: Describe the major physiographic divisions of India and their characteristics. ILO1.2: Interpret climatic data and understand the factors affecting the climate of India. ILO1.3: Apply knowledge of physical geography to analyse regional climatic conditions and their impact on agriculture. CO2: Explain the population dynamics, including distribution, density, growth, and migration patterns. ILO2.1: Describe the theories and patterns of population distribution and growth in India. ILO2.2: Analyse census data to identify trends in population dynamics. ILO2.3: Apply demographic analysis to predict future population trends and their implications for urban planning and resource management. CO3: Identify the socio-economic aspects such as agriculture, industry, and urbanization in India. ILO3.1: Gain insights into the agricultural practices, industrial development, and urbanization processes in India. ILO3.2: Evaluate economic data to understand regional variations in socio-economic development. ILO3.3: Propose strategies for balanced socio-economic development and poverty alleviation. CO4: Evaluate the regional disparities and development policies in different parts of India. ILO4.1: Comprehend the factors leading to regional disparities in India. ILO4.2: Analyse regional development policies and their effectiveness. ILO4.3: Formulate recommendations for reducing regional inequalities and promoting balanced regional development. CO5: Critically analyse the distribution and management of natural resources in India. ILO5.1: Show the distribution and utilization of natural resources in India. ILO5.2: Evaluate the impact of resource management policies on sustainable development. ILO5.3: Develop plans for the sustainable management of natural resources, considering ecological and economic factors. CO6: Plan a field-based work to understand the real-life situation. ILO6.1: Identify the major problems of the study. ILO6.2: Advocate for sustainable development practices and contribute to environmental conservation initiatives. ILO6.3: Interpret the findings.

COURSE CODE : GGRC15

CO1: Explain the Physical and socio-cultural background of North East India. ILO1.1: Describe the major physical features of North East India. ILO1.2: Explain the climatic variations within North East India and their impact on the region. ILO1.3: Identify natural resources in North East India and discuss their geographical distribution and significance. CO2: Identify and describe the demographic patterns and cultural diversity of North East India, focusing on Assam. ILO2.1: Analyse the population distribution and demographic trends in North East India. ILO2.2: Explore the cultural and ethnic diversity of Assam and its impact on regional identity. ILO2.3: Discuss the historical and contemporary migration patterns affecting North East India. CO3: Analyse the economic activities and development challenges in North East India and Assam. ILO3.1: Assess the major economic sectors in North East India. ILO3.2: Evaluate the infrastructural development and its role in the economic growth. ILO3.3: Discuss the challenges and opportunities for sustainable development in the region. CO4: Evaluate environmental issues and conservation strategies in the region. ILO4.1: Identify major environmental challenges facing North East India, such as deforestation, soil erosion, and biodiversity loss. ILO4.2: Assess the impact of human activities on the environment in Assam. ILO4.3: Critically analyse conservation policies and initiatives aimed at preserving the natural environment of North East India. CO5: Apply geographical knowledge to real-world scenarios and policy-making in the context of North East India and Assam. ILO5.1: Use geographical data and tools to analyse regional issues in North East India. ILO5.2: Evaluate policy recommendations based on geographical analysis for sustainable development in Assam. ILO5.3: Hands on the application of geographical cartographic techniques on geographical entities in North east India.

COURSE CODE : MINGGR6

CO1: Explain Environmental Geography Concepts: Demonstrate an understanding of key concepts and theories in environmental geography and sustainable development. ILO1.1: Describe the basic principles and concepts of environmental geography, including ecosystems, biodiversity, and biogeochemical cycles. ILO1.2: Explain the concept of sustainable development and its importance in environmental management. ILO1.3: Discuss various environmental challenges and their implications for human societies and natural systems. CO2: Analyse Environmental Changes ILO2.1: Identify and describe the major drivers of environmental change, including climate change, land-use change, and pollution. ILO2.2: Analyse the spatial and temporal patterns of environmental changes using maps, remote sensing data, and geographic information systems (GIS). ILO2.3: Evaluate the impacts of environmental changes on ecosystems, human health, and socio-economic systems. CO3: Evaluate Environmental Policies ILO3.1: Review and assess key international, national, and local environmental policies and agreements. ILO3.2: Analyse case studies to understand the successes and failures of different environmental policies and management strategies. ILO3.3: Propose recommendations for improving the effectiveness of environmental policies and regulations. CO4: Propose Sustainable Solutions ILO4.1: Identify sustainable practices and technologies that can address specific environmental problems. ILO4.2: Develop action plans for implementing sustainable development practices at various scales (local, regional, global). ILO4.3: Evaluate the potential social, economic, and environmental benefits and trade-offs of proposed sustainable solutions. CO5: Conduct practical ILO5.1: Formulate research questions and hypotheses related to environmental geography and sustainable development. ILO5.2: Select and apply appropriate research methodologies, including qualitative and quantitative techniques. ILO5.3: Collect, analyse, and interpret data to draw evidence-based conclusions and present findings in written and oral formats.

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HISTORY

Programme Learning Outcomes for Four Year Undergraduate Programme (FYUGP) in History:

Firstly, a graduate in History will acquire a profound knowledge of world civilization along with historical knowledge regarding culture, socio-economic development, and politics. A graduate will acquire broad information on the historical geography of the Indian sub-continent and the contemporary world. Secondly, the programme imbibes broad skills in the discipline of history including manuscript reading, deciphering script, epigraphy, and numismatic, developing archiving skills, and commentary on declassified government/non-government documents, reports, and dispatch. Thirdly, a graduate of history will develop competency in various academic writings like essays, and research projects. Fifthly, the courses are structured in a way that gives avenues for further research and teaching in various academic and research institutions across disciplines.

Course Code: HISHC1

Course Outcomes: CO1: Develop a chronological interpretation of Indian prehistory and protohistory. CO2: Explain the tools, technologies, and subsistence patterns in Indian prehistory. CO3: Analyse the characteristics and significance of the Harappan civilization. CO4: Evaluate the processes of early territorial state formations in the Indian subcontinent around the 6th century BCE. CO5: Explain the growth of different philosophical traditions during the period CO6: Interpret the characteristics of the Vedic society and religion

Course Code: MINHIS1

Course Outcomes: CO1: Interpret the sources of ancient Indian history CO2: Explain the origin and extent of Harappan culture and its major sites CO3: Interpret the characteristics of the Vedic society and economy CO4: Analyze the political developments of the Magadhan empire throughout the period CO5: Evaluate the process of polity formation in the post-Mauryan period till c. 600 CE CO6: Develop a chronological

Code: HISC2

Course Outcomes: CO1: To explain the historical development of human civilization around the world. CO2: To Compare socio-cultural and economic developments of early medieval human societies. CO3: To explain the challenges and crises faced by these early civilizations and their responses to these crises. CO4: To explain the emergence and development of the major religions.

Code: MINHIS2

Course Outcomes: CO1: To discuss the political history of India during the Delhi Sultanate. CO2: To discuss the political history of India during the Mughals. CO3: To explain the political developments in the 18th century. CO4: To discuss the developments in the major religious trends and development in the art- - architecture in medieval India.

Code: HISC3

Course Outcomes: CO1: Explain the nature of the Mauryan and post-Mauryan polities CO2: Evaluate the changing political formations under the Kushanas and Guptas CO3: Interpret the socio-economic formations in early historic India CO4: Analyze the nature of cultural developments in India between BCE 300-750 CE.

Course Code: HISC4

Course Outcome: CO1: To analyze the political structures in the post-Gupta period in Indian history. CO2: To explain the formation of political structures in the Deccan and South India. CO3: To assess the growth and development of the economy during the period of study. CO4: To explain the religious and cultural developments in India during the period of study.

Course Code: MINHIS3

CO1: To examine the factors that led to the establishment of British rule in India CO2: To analyze the growth and expansion of the British empire in India. CO3: To develop a critical understanding of the British economic policies in India and its reactions. CO4: To evaluate different movements that happened during this period.

Course Code: HISC 5

CO1: Discuss the historical sources of medieval India. CO2: Assess political development in India between 1200-1526. CO3: Critically analyze the political developments in the different regions of India. CO4: Explain the development of art and architecture of the period.

Course Code: HISC6

CO 1: To critically appraise the European transition from feudalism to capitalism. CO 2: To assess the advent of the Age of Renaissance in Europe. CO 3: To explain economic transformation in Europe and in the new world. CO 4: Examine European enlightenment and role of philosophers.

Course Code: HISC7

CO1: Critically analyze the historical sources of medieval India from the 16th to 18th century. CO2: Explain the political development in India between 1526- 1750s. CO3: Discuss the developments in the 18th-century India. CO4: Explain various aspects of art and architecture in Mughal Period.

Course Code: HISC8

CO1: To analyze the political scenario in different parts of India during the 18th century. CO2: To evaluate the administrative and diplomatic policies of the colonial government during the period of study. CO3: To examine the economic and cultural developments during that period. CO4: To discuss the major factors which led to the end of East India Company's rule in India.

Course Code: MINHIS4

Course Outcomes: CO1: Develop a chronological interpretation of early and medieval Assam CO2: Evaluate the process of polity formation till the late 17th century AD. CO3: Explain the causes of the decline of the Ahom state CO4: Evaluate the nature of the Ahom state and its relations with the neighboring states

Course Code: HISC9

Course Outcomes: CO1: Explain the French Revolution and its repercussions in Europe. CO2: Analyse the significance of industrialization that led to the evolution of social and political classes in Europe. CO3: Illustrate the growth of industrialization and the emergence of new social and political classes which had stimulus to the birth of nation-state in Europe. CO4: Critically assess the idea of exclusive nationalism that led to the rise of militarism and fascism in Europe. CO5: Analyse the origin of the World Wars I and II CO6: Develop an idea of how the history of modern Europe has changed the courses and themes of the regional history in particular and the world in general.

Course Code: HISC10

Course Outcomes (COs): CO1: Explain the various social reform movements in the first half of the nineteenth century. CO2: Analyse the role of the intelligentsia in the emerging political consciousness against the policy of the British during the first half of their ruled in India. CO3: Compare and contrast the different political ideologies and their approaches in the freedom movement in the first decades of the twentieth century. CO4: Critically assess the role of Mahatma Gandhi and his Satyagraha in the freedom movement in India. CO5: Explain the constitutional measures introduced by the British Parliament and its repercussion on Indian national politics. CO6: Examine the policies and plans introduced by the British Parliament for Independence and transfer of power to India.

Course Code: HISC11

Course Outcomes: CO1: Develop a chronological interpretation of early and medieval Assam CO2: Evaluate the process of polity formation till the late 17th century AD. CO3: Explain the causes of the

decline of the Ahom state CO4: Evaluate the nature of the Ahom state and its relations with the neighbouring states

Course Code: MINHIS5

CO 1: To explain the colonial political situations in Assam and its ramifications. CO 2: To assess British annexation policy and the emergence of a new territorial identity. CO 3: To interpret the emergence of an educated middle class CO 4: Critically assess the nationalist movement in Assam.

Course Code: HISC12

Course Outcomes: CO 1: To assess the pre-colonial political situation and the advent of colonial power CO 2: Examine British territorial extent including neighbouring hills. CO 3: To analyze the emergence of the educated middle class in 19th-20th century CO 4: To critically appraise national movement in Assam.

Course Code : HISC13

The following are the Course Outcomes (COs) and Intended Learning Outcomes (ILOs) of the course. After completion of this course, the learners will be able to: CO1: Examine the key tenets of Colonialism, Nationalist Movements and Decolonization ILO1.1: Explain the facets of Colonialism ILO1.2: Outline the contending visions of Nationalism ILO1.3: Interpret the implications of Decolonization CO2: Outline the features of the Cold War, NAM and the United Nations ILO2.1: Examine the Origins, Reasons, and End of the Cold War ILO2.2: Discuss the trajectory of communism in different countries ILO2.3: Outline the features and role of the United Nations ILO2.4: Examine the features of the Non-Aligned Movement CO3: Analyse the facets of Globalization, Neoliberalism, and Bretton Woods ILO3.1: Discuss the Globalization of Culture, Media, and Sports Environment Political Globalization ILO3.2: Explain Neoliberalism and its impact on Africa, Asia, and Latin America ILO3.3: Examine the doctrines of World Systems Theory and Dependency Theory ILO3.4: Examine the institutions of the Bretton Woods System ILO3.5: Discuss the key facets of regionalism and resistance against globalization CO4: Interpret the nature of Ecological, Feminists and Human Rights Movements ILO 4.1: Discuss the International Organisations, Environmental Governance on ecological issues ILO 4.2: State the Treaties and Organizations on Human Rights ILO4.3: Examine the waves of feminism and women's movements ILO 4.4: Appraise the interface of culture, consumerism and med

Course Code: HISC14

Course outcomes: CO1: To familiarise the social and economic history of Ancient Assam. CO2: To interpret the social and religious history of Ancient and Medieval Assam. CO3: To explain the economic developments in Medieval Assam. CO4: To examine the nature of Society and Economy in Colonial Assam

Course: HISC15

Course Outcomes: CO1: To explain the meaning, scope and definition of history. CO2: To examine the nature of sources and the development of different kinds of history writing CO3: To apprise the students

of the different traditions of historical writing in the premodern period. CO4: To explain the development of modern historiography in Europe and India CO5: To critically assess the different schools of historiography

Course Code: MINHIS6.A

Course Outcomes: CO 1: To critically appraise the European transition from feudalism to capitalism. CO 2: To assess the advent of the Age of Renaissance in Europe. CO 3: To explain economic transformation in Europe and the new world. CO 4: Examine European enlightenment and the role of philosophers.

Course Code: MINHIS 6 B

Course Outcomes: CO1: Explain the French Revolution and its repercussions in Europe. CO2: Analyze the significance of industrialization that led to the evolution of social and political classes in Europe. CO3: Illustrate the growth of industrialization and the emergence of new social and political classes which had stimulus to the birth of nation-state in Europe. CO4: Critically assess the idea of exclusive nationalism that led to the rise of militarism in Europe. CO5: Analyse how exclusive nationalism and imperial dominion over one another in Europe and outside of it during the twentieth century drove Europe into an inevitable World Wars I and II involving different nations had shaped and reshaped the political geography of Europe in particular and the world in general. COs6: Develop an idea of how the history of modern Europe has changed the courses and themes of the regional history in particular and the world in general.

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POLITICAL SCIENCE

PROGRAMME OUTCOMES:

The following are the Programme Outcomes (PO) of the FYUGP in Political Science that graduates are expected to achieve. After completion of the programme, graduates will be able to:

1. Demonstrate a comprehensive understanding of key political concepts, theories, ideologies and methodologies in Political Science to analyse the structures and functions of key political systems, institutions and processes.
2. Analyse global issues with an understanding of diverse socio-cultural and political contexts through an inter-disciplinary approach.
3. Identify and address issues of inequality, social justice, rights and sustainability in the context of contemporary socio-political phenomena.
4. Apply critical thinking to identify and evaluate various socio-political issues, policies and debates related to the state, society, community and beyond.
5. Design research projects using appropriate methodologies to understand diverse political phenomena and find solutions.
6. Conduct analysis of political phenomena using appropriate research methods and tools to advocate for policy changes.
7. Engage in relevant political debates demonstrating strong articulation, communication skills and logical reasoning.
8. Use discipline specific principles to demonstrate leadership skills and collaborative work in addressing issues of socio-political relevance.
9. Engage in higher studies, research and lifelong learning for continuous individual and professional development.

10. Use knowledge of concepts of Political Science to contribute towards cultivating a sense of responsible citizenship, community development, public discourse, policy formulation and implementation process.

PROGRAMME SPECIFIC OUTCOMES

The following are the Programme Specific Outcomes (PSO) that graduates are expected to achieve at the end of the UG programme in Political Science-

1. Apply key political concepts, theories and ideologies to analyse political issues and debates.
2. Assess socio-political events at the local, national and international contexts through strong analytical and critical thinking.
3. Evaluate issues of comparative politics, political processes and institutions of different countries, global governance structures, global political economy and ecology in shaping political and social landscapes.
4. Create a sense of ethical responsibility and civic engagement to make them responsible citizens through an understanding of key political concepts.
5. Use an interdisciplinary approach to study social and political phenomena.
6. Prepare for careers in academia, civil service examinations like UPSC, APSC etc. and other competitive examinations like UGC NET-JRF, SLET, political consultancy, journalism and media etc. showcasing strong communication, leadership and problem-solving skills.

Course Code : PSCC1

The following are the Course Outcomes (COs) and Intended Learning Outcomes (ILOs) of the course

CO1: Analyse the evolution, approaches and relevance of the study of political theory ILO1.1: Explain the conceptual underpinnings of political theory ILO1.2: Distinguish the different approaches to political theory ILO1.3: Interpret the decline and resurgence of political theory CO2: Interpret various schools of thought in political theory ILO2.1: Compare the tenets of liberal and classical traditions of political theory ILO2.2: Distinguish the basic principles of modern and Marxist traditions of political theory ILO2.3: Infer the contemporary relevance of these select traditions of political theory CO3: Illustrate the contemporary perspectives in political theory ILO3.1: Define the meaning and types of feminist political theory ILO3.2: Explain the meaning, evolution and models of multiculturalism ILO3.3: Describe the meaning and development of post-modernism CO4: Explain the different concepts and theories of state and citizenship ILO 4.1: Interpret the meaning and types of citizenship ILO 4.2: Distinguish the different approaches to citizenship ILO 4.3: Identify the types and functions of state and civil society CO5: Assess the nature and diversities of democracy ILO 5.1: Estimate the nature and functioning of different types of democracy ILO 5.2: Analyse the important debates on democracy.

Course Code : MINPSC1

CO1: Analyse the concept and relevance of the study of political theory ILO 1.1: Explain the conceptual underpinnings of political theory ILO 1.2: Interpret the decline and resurgence of political theory CO2: Examine the concepts of liberty, equality and justice in political theory ILO 2.1: Compare the different dimensions of negative and positive liberty ILO 2.2: Outline the important interpretations of equality of

opportunity, welfare and resources ILO 2.3: Infer the different types and dimensions of justice CO3: Assess the concepts of rights and democracy in political theory ILO 3.1: Identify the various types of rights and their relevance in addressing societal needs ILO 3.2: Outline the types of democracy and their functioning ILO 3.3: Examine the interface of democracy and rights CO4: Explain the concept of citizenship in political theory ILO 4.1: Interpret the meaning and types of citizenship ILO 4.2: Identify the debates around citizenship CO5: Evaluate the nature of state and civil society in political theory ILO 5.1: Illustrate the nature and functioning of state and civil society ILO 5.2: Examine the relationship between state and civil society ILO 5.3: Identify the debates on state and civil society.

Course Code : SEC107

CO1: Analyse the legal system and its functioning in India ILO 1.1: Identify the structure of the court system of India ILO 1.2: Examine the role and functioning of the legal system ILO 1.3: Discuss the formal and alternative dispute Redressal mechanisms such as LokAdalats CO2: Describe the criminal procedures and other laws related to different crimes ILO 2.1: Identify the preliminary criminal procedures such as filing of FIR, arrest, bail, search and seizure ILO 2.2: State the laws related to the matters of gender and privacy CO3: Apply the knowledge of the legal system in solving socio-political issues ILO 3.1: Solve individual and collective issues with the help of legal procedures ILO 3.2: Identify issues of social relevance and use legal indicators to solve them. ILO3.3: Locate the opportunities and challenges of the legal system for different categories of the population.

Course Code : PSCC2

CO1: Describe the structure and features of the Indian Constitution ILO 1.1: Identify the framing of the Indian constitution ILO 1.2: State the major features of the Indian constitution ILO 1.3: Outline the provisions of fundamental rights, fundamental duties and directive principles of state policy. CO2: Examine the institutional design of the Indian constitution ILO 2.1: Explain the composition powers and functions of the legislature, executive and judiciary ILO2.2: Outline the functioning of the legislature, executive and judiciary ILO 2.3: Interpret the interconnections between these institutions and their relevance in the present context ILO 2.4: Analyse the debates concerning the working of these institutions CO3: Assess the various dimensions of federalism in India ILO 3.1: Identify the evolution of federalism in India. ILO 3.2: Discuss the structure, features and functioning of federalism in India. ILO3.3: Analyse the challenges of federalism in India. ILO 3.4: Examine the politics of accommodation vis a vis federalism in India. CO4: Analyse the process of decentralisation and local governance in India ILO 4.1: Identify the constitutional provisions of local governance. ILO 4.2: Outline the features of the 11th and 12th Schedule of the Indian Constitution. ILO 4.3: Examine the working of the state institutions and their interactions with the socio-political environment at the grassroots level.

Course Code : MINPSC2

CO1: Examine the various approaches in the study of Indian Politics ILO 1.1: Describe the Liberal Marxist and Gandhian approaches to study Indian politics. ILO 1.2: Relate these approaches to explain various dimensions of Indian politics. CO2: Describe the structure and features of the Indian Constitution ILO 2.1: Identify the framing of the Indian constitution ILO2.2 State the major features of the Indian constitution ILO 2.3: Outline the provisions of fundamental rights, fundamental duties and directive principles of state policy. CO3: Assess the electoral processes in India. ILO 3.1: Explain the evolution and

development of party system in India. ILO 3.2: Describe the emerging trends of party system in India. ILO3.3: Examine the emerging debates of party system in India. ILO3.4: Discuss the politics of representation in Indian democracy. CO4: Evaluate the contemporary debates in Indian politics. ILO 4.1: Identify the issues of class, caste, gender, religion, ethnicity in Indian politics. ILO 4.2: Examine the contemporary relevance of these issues. ILO 4.3: Assess the implications of these issues in the working of the state system.

Course Code : SEC207

CO1: Examine the powers, procedures and functioning of the Indian parliament ILO1.1: Describe the composition, powers and functions of the Indian parliament ILO 1.2: Discuss the parliamentary procedures in India ILO 1.3: Outline the stages of budget-making in India ILO 1.4: Examine the role of budget as an instrument of social change. CO2: Analyse motion and law-making procedures in the Indian Parliament ILO 2.1: Illustrate the dynamics of different motions in the Indian Parliament ILO 2.2: Discuss the law-making procedures in the Indian Parliament ILO 2.3: Interpret the composition, functioning and competency of the legislative committees of the Indian Parliament CO3: Apply the fundamentals of mock parliament ILO 3.1: Organise mock parliament on issues of contemporary socio-political relevance ILO 3.2: Prepare reports on the organised mock parliament in accordance with parliamentary procedures.

Course Code : PSCC3

CO1: Analyse the discipline of International Relations ILO1.1: Outline the emergence of the international state system– ILO 1.2: Explain the thesis of levels of analysis CO2: Analyse various Theoretical Perspectives to the study of international relations ILO 2.1: Explain realist and liberal approaches to international relations ILO 2.2: Relate current international developments to the appropriate theoretical perspectives CO3: Examine Critical Perspectives to the study of international relations ILO 3.1: Outline the alternate theories to the study of international relations ILO 3.2: Assess the relevance of mainstream and alternate theories in analyzing the international system CO4: Evaluate the Twentieth-Century IR History ILO4.1:Discuss the causes and consequences of World War I and World War II ILO 4.2: Interpret the significance of the Bolshevik Revolution, Rise of Fascism / Nazism CO5: Assess the implications of the Cold War and Post-Cold War politics ILO 5.1: Examine the major political developments in the Cold War period ILO 5.2: Explain post-Cold War developments ILO 5.3: Identify various challenges of newly independent countries.

Course Code : PSCC4

CO1: Analyse various approaches to the interpretation of text ILO 1.1: Explain Marxian, Totalitarian, Psychoanalytic perspectives ILO 1.2: Analyse Feminist, Straussian, postmodernist interpretations CO2:EvaluateAncient Political Thought ILO 2.1: Interpret Plato's Ideas and Philosophy ILO 2.2: Examine Aristotle's views on citizenship, Justice, State and Revolution CO3: Assess the significance of Machiavellian discourse ILO 3.1: Relate Machiavellian ideas on virtue and religion to contemporary political development ILO 3.2: Assess the importance of Machiavelli's views on Republicanism, morality and statecraft CO4: Analyse Hobbes' views on the state of nature ILO 4.1: Explain atomistic individualism and the State of Nature ILO 4.2: Discuss the formation of the state through Social Contract CO5:EvaluateLockean discourse ILO 5.1: Explain the laws of Nature, Natural Rights and Property ILO 5.2: Relate Lockean view on the right to liberty to modern state system.

Course Code : MINPSC3

CO1: Evaluate post-independence Development Processes in India ILO1.1: Explain nation-building and the planning process in India ILO1.2: Assess the trajectory of Liberalization CO2: Assess the implications of the Industrial Development Strategy on Social Structure ILO 2.1: Explain the practice of mixed economy and impact of privatization ILO 2.2: Analyse the role of organized and unorganized labour in the Indian economy ILO 2.3: Outline the emergence of the new middle-class CO3: Analyse the strategy of Agrarian Development and Impact on Social Structure ILO 3.1: Outline the impact of Land Reforms and Green Revolution ILO 3.2: Examine the Agrarian crisis CO4: Assess the nature of Social Movements in India ILO4.1: Examine the nature of social movements by marginalized sections ILO 4.2: Outline the social movements by Civil rights organizations and Women's groups ILO 4.3: Explain contemporary Ecological Movements ILO 4.4: Identify the underlying rationales and implications of social movements in Indian society.

Course Code : PSCC5

CO1: Analyse the conceptual and theoretical categories of comparative politics ILO 1.1: State the meaning of comparative politics ILO 1.2: Identify the different approaches to the study of comparative politics CO2: Evaluate different political-economic systems ILO 2.1: Classify the different systems of production ILO 2.2: Outline the distinctions between various forces of globalization CO3: Analyse the processes of colonization and decolonization ILO 3.1: Show the impact of colonization on contemporary societies ILO 3.2: Relate decolonization movements with contemporary institutional structures CO4: Interpret the constitutional and political developments of various states ILO 4.1: Outline the developments in the USA, UK and Brazil ILO 4.2: Outline the developments in China and Nigeria.

Course Code : PSCC6

CO1: Describe the basic tenets of Public Administration ILO 1.1: State the meaning and nature of public administration ILO 1.2: Describe the evolution of public administration ILO 1.3: Identify the distinction between public and private administration CO2: Analyse the theoretical categories of public administration ILO 2.1: Explain the classical theories of public administration ILO 2.2: Identify the different approaches to contemporary theories of public administration CO3: Evaluate the relevance of public policy ILO 3.1: Interpret of the different approaches to public policy ILO 3.2: Assess the formulation and implementation of public policy ILO 3.3: Analyse people's participation in public policy implementation CO4: Assess emergent discourses in public administration ILO 4.1: Discuss the concepts of New Public Management and New Public Service ILO 4.2: Explain the practice of Good Governance ILO 4.3: Interpret Feminist Perspectives to public administration.

Course Code : PSCC7

CO1: Describe the existence and trends in the party system in India ILO1.1: Identify the factors that lead to changes in the party system in India ILO 1.2: Outline the determinants for the advent of coalition politics in India CO2: Analyse the electoral processes and political behaviour in India ILO 2.1: Identify the determinants of voting behaviour of Indian voters ILO 2.2: Explain the different dynamics of political mobilization and leadership in Indian politics CO3: Assess the regional aspiration in Indian politics ILO 3.1: Outline the different issues of the politics of secessionism ILO 3.2: Analyse the politics of accommodation CO4: Analyse the reflection of the dynamics of caste and religion in Indian politics ILO 4.1: Illustrate the role of caste and religion in Indian politics ILO 4.2: Identify the debates on Indian

secularism CO5: Analyse the changing nature of the Indian state ILO 5.1: Identify the different dimensions of the Indian state ILO 5.2: Examine the impact of globalization on the Indian state.

Course Code : PSCC8

CO1: Explain the basic concepts of political theory ILO 1.1: Define the concepts of freedom and equality ILO 1.2: Distinguish the different types of freedom and equality ILO 1.3: Inter-relate freedom with other conceptual categories of political theory relate egalitarianism with contemporary societal issues CO2: Analyze the concepts of justice and rights ILO 2.1: State the types of justice and rights ILO 2.2: Examine the various debates on justice and rights CO3: Analyse the major debates in political theory ILO 3.1: Explain the relationship between state and sovereignty ILO 3.2: Identify the interconnectedness between the state, rights and multiculturalism ILO 3.3: Discuss the interrelationships between class, power and ideology ILO 3.4.: Relate the debates on the 'clash of civilizations' thesis to contemporary politics.

Course Code : MINPSC4

CO1: Analyse the conceptual and theoretical categories of comparative politics ILO 1.1: State the meaning of comparative politics ILO 1.2: Identify the different approaches to the study of comparative politics CO2: Evaluate different political economic systems ILO 2.1: Classify the different systems of production ILO 2.2: Outline the distinctions between various forces of globalization CO3: Analyse the processes of colonization and decolonization ILO 3.1: Show the impact of colonization on contemporary societies ILO 3.2: Relate decolonization movements with contemporary institutional structures CO4: Interpret the constitutional and political developments of various states ILO 4.1: Outline the developments in the USA, UK and Brazil ILO 4.2: Outline the developments in China and Nigeria.

Course Code : PSCC09

CO1: Analyse various approaches to the study of Comparative Politics ILO 1.1: Identify the different variables in comparative analyses ILO 1.2: Interpret various cultural norms and institutions as tools to study comparative politics ILO 1.3: Associate institutions and structures with comparative approaches CO2: Evaluate the intricacies of electoral and party systems. ILO 2.1: Explain how various electoral systems work ILO 2.2: Inter-relate various party systems and the contexts ILO2.3: Associate the party systems in the UK and USA with larger comparative political analyses CO3: Appraise the concept of and developments around the nation-state ILO 3.1: Outline the rise of the nation-state. ILO 3.2: Differentiate the institutions of nation and state CO4: Assess democratization as a political process. ILO 4.1: Outline the historical and contemporary developments around democratization ILO 4.2: Explain democratization in postcolonial, post- authoritarian and post communist states. CO5: Examine federalism as an idea and a political process ILO 5.1: Discuss the various debates around federalism ILO 5.2: Classify and generalize various forms of federation.

Course Code : PSCC10

CO1: Explain the nature and processes of globalization ILO 1.1: State the features and types of globalization ILO 1.2: Explain the major debates on globalization CO2: Evaluate the role of the important institutions of global politics ILO 2.1: Identify the functions of international institutions ILO 2.2: Assess the significance of global resistance movements ILO2.3: Examine the impact of international institutions in addressing global issues CO3: Explain the major global issues in the contemporary world ILO 3.1: Identify the major features of the nuclear non-proliferation regime and climate regime ILO 3.2: State the

strategies of terrorism and state responses ILO 3.3: Explain the different dimensions of human security CO4: Examine the major debates in global politics ILO 4.1: Discuss the major debates on nuclear proliferation ILO 4.2: Relate the debate on global commons to contemporary resource politics ILO 4.3: Distinguish national security from human security. CO5: Analyse the significance of global shifts ILO 5.1: Outline the emerging trends of global governance ILO 5.2: Apply the main tenets of the Global North-South debates in identifying major global shifts.

Course Code : PSCC11

CO1: Illustrate the concept and discourses on modernity ILO 1.1: Identify the evolution of the concept of modernity ILO 1.2: Outline the debates around modernity and postmodernity. CO2: Analyse the political ideas of Rousseau and Wollstonecraft and their contemporary relevance ILO 2.1: Examine Rousseau's ideas on the General Will, Social Contract, Local or direct democracy, Self-government, Origin of inequality ILO 2.2: Examine Wollstonecraft's ideas on women and her critique of Rousseau's ideas on education ILO 2.3: Identify the importance and relevance of these ideas in contemporary society. CO3: Explain the contributions of the modern political philosophers of the schools of Liberal Socialists and the Radicals ILO 3.1: Describe the major ideas of Mill, Sandel, Lenin, Gramsci, Kollantai and Chomsky ILO 3.2: Assess the contemporary and contextual relevance of these ideas.

Course Code : MINPSC5

CO1: Explain the sovereign state system ILO 1.1: State the evolution of the modern state system ILO 1.2: Explain the concept of sovereignty and the major debates around it CO2: Evaluate the role of the important institutions of global politics ILO 2.1: Identify the functions of international institutions ILO 2.2: Assess the significance of the Bretton Woods system ILO 2.3: Examine the impact of transnational economic actors in addressing contemporary global issues CO3: Assess the inter-relations between identity, culture and the forces of globalization ILO 3.1: Identify the various dominant issues on culture and global politics ILO 3.2: Examine the impact of globalization on cultural identities CO4: Analyse the major debates in global politics ILO 4.1: Discuss the major debates on War, Conflict and terrorism ILO 4.2: Relate the debate on global commons to contemporary resource politics ILO 4.3: Illustrate the role of the global civil society in addressing global inequalities.

Course Code : PSCC12

CO1: Analyse the theoretical understandings of public policy discourse ILO 1.1: Explain the meaning, nature and scope of public policy discourse ILO 1.2: Outline the Evolution of the Discipline ILO 1.3: Apply the appropriate Approaches and Models of Policy Analysis to Public Policy Making CO2: Evaluate public policy management and role of institutions ILO 2.1: Examine the Role of Legislature, Executive, Judiciary in public policy making ILO 2.2: Assess the role of the Bureaucracy, Pressure Groups, Political Parties, Media, Civil Society Organizations in public policy making CO3: Analyse the processes of policy implementation SEMESTER-VI ILO 3.1: Outline the approaches: top-down and bottom-up. ILO 3.2: Evaluate the problems of policy implementation and the role of bureaucracy ILO 3.3: Relate the role of policy research institutions and think tanks in public policy making CO4: Outline the process of public policy making in India ILO 4.1: State the developments in the Nehruvian era ILO 4.2: Discuss the changes in policy making in the post- Liberalisation era CO5: Analyze public policy developments in India ILO 5.1: Discuss people's resistance movements in the field of land and environmental issues ILO 5.2: Illustrate

tribal policies and rural development policies ILO5.3: Develop interface between people's movements and policy making in addressing socio-economic problems.

Course Code : PSCC13

CO1: Assess various approaches to political economy and their relevance in contemporary era ILO 1.1: Analyse the Liberal, Marxist and Gandhian approaches in examining political economic issues ILO 1.2: Associate policy changes with theoretical approaches CO2: Interpret Capitalist Transformation: ILO 2.1: Outline the transition from Feudalism to Capitalism ILO 2.2: Analyze the process of globalization and the various associated institutions CO3: Appraise the issues in Development ILO 3.1: Determine the extent of impact of Media and Television, Big Dams and Environmental Concerns ILO 3.2: Relate military growth to political economy ILO 3.3: Discuss traditional political economic systems CO4: Appraise issues in Development ILO 4.1: Assess the impact of Development and Displacement ILO 4.2: Examine various political economic institutions and processes CO5: Evaluate the intricacies of Globalization and Development Dilemmas ILO 5.1: Explain the Information Technology Revolution and Debates on Sovereignty ILO 5.2: Interpret Gender, Racial and Ethnic Issues.

Course Code : PSCC14

CO1: Analyse the theories and institutions of human rights ILO 1.1: Examine the discourse and philosophical foundations of Human Rights ILO 1.2: Discuss the various approaches to the study of human rights ILO 1.3: Relate the social issues to appropriate human rights theories CO2: Appraise the role of major human rights institutions ILO 2.1: Analyse the role of international human rights regime ILO 2.2: Assess the relevance of international human rights institutions in furthering human rights ILO 2.3: Discuss the provisions of rights in the constitutions of South Africa and India CO3: Analyse emergent issues of human rights in select countries ILO 3.1: Examine different existent practices that poses a challenge in exercising human rights ILO 3.2: Assess the impact of terrorism on human rights ILO 3.3: Identify challenges to the human rights of minorities in select countries CO4: Analyse structural violence in different societies ILO 4.1: Explain implications of caste-based and racial discrimination in South Africa and India ILO 4.2: Assess gender-based violence in India and Pakistan ILO 4.3: Identify the challenges to land-related rights of Adivasis and Aborigines in Australia and India.

Course Code : PSCC15

CO1: Analyse various Conceptualizations and related approaches of Feminism ILO 1.1: Distinguish various dimensions of gender socialisation. ILO 1.2: Discuss the gendered nature of labour and the public-private dichotomy. ILO 1.3: Explain the debate between biologism and social constructivism. ILO 1.4: Assess the socio-political relevance of various approaches to the study of feminism. CO2: Appraise feminist movements in the West ILO 2.1: Assess various revolutions and movements and their impact on the feminist movement. ILO 2.2: Relate historical developments to contemporary feminist issues. CO3: Analyse women's issues in India ILO 3.1: Examine various issues related to women ILO 3.2: Identify state interventions in addressing various issues faced by women CO4: Explain the feminist movements in Northeast India ILO 4.1: Outline the role of Chandraprabha Saikiani and her contributions. ILO 4.2: Discuss the role of women in various movements of Northeast India.

Course Code : MINPSC6

CO1: Analyse the processes of governance ILO 1.1: Discuss meaning and concepts of Government and Governance ILO 1.2: Examine the role of the state in the era of globalisation. CO2: Appraise the process of governance in development. ILO 2.1: Identify the changing dimensions of development. ILO 2.2: Discuss democracy through good governance. CO3: Assess environmental governance and its intricacies. ILO 3.1: Outline the various facets of Human-Environment Interaction ILO 3.2: Explain the concept and practice of Green Governance CO4: Argue for complex forms of local governance ILO 4.1: Discuss democratic decentralisation and people's participation in governance. ILO 4.2: Identify Indigenous forms of local governance and their relevance CO5: Evaluate good governance initiatives in India ILO 5.1: Assess various legislative initiatives ILO 5.2: Examine more inclusive ways of implantation of policies.

Rajesh Kumar
Principal & Secretary
Nazira College, Nazira

SOCIOLOGY

PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1. Develop the capability to demonstrate and understanding of the fundamental concepts, theoretical perspectives and latest trends in the field of Sociology.

PEO 2. Develop the capability to recognize, evaluate, interpret and understand issues and opportunities related to the domain of Sociology, specifically in teaching, learning and doing research.

PEO 3. Develop the capability to possess the fundamental skills associated with the application of multidisciplinary approaches to meet the various issues and challenges in the field of Sociology.

PEO 4. Apply knowledge, skills and theories of Sociology to solve societal problems both in familiar and non-familiar contexts and apply the sociological learning to real life situations.

PEO 5. Demonstrate professional competencies that are required to develop, select and use informal and formal, diagnostic, continuous and comprehensive evaluation to estimate pupils' achievement and provide timely, effective and appropriate feedback to students about their achievement along the line of their predetermined learning goals and participate effectively in the construction procedure of evaluation tools.

PEO 6. Promote ethical values, integrity and professionalism in sociological practice, emphasizing social responsibility, respect for diversity and adherence to ethical principles in research and practice.

PEO 7. Foster a culture of lifelong learning and personal development, empowering students to adapt to evolving societal challenges, pursue continuous professional growth and make meaningful contributions to society throughout their lives.

PROGRAMME OUTCOMES(POs) The graduates should be able to :

PO1: Apply their understanding to real life situations to solve problems in familiar and nonfamiliar contexts. PO2 : Nurture critical thinking skills to interpret and synthesize information taken from various sources of society to draw valid conclusions with evidence and examples. PO3 : Create inclusive,

tolerant, amicable social environment as conscious citizen. PO4 : Construct and express thoughts and ideas effectively in a clear, sensitive and respectful manner for different groups and audiences related to field of learning and professional practice. PO5 : Identify, analyze and draw inferences on real life situations and apply that knowledge for practical problem solving. PO6 : Demonstrate a keen sense of observation, inquiry and capability for doing research in contemporary and relevant issues. PO7 : Collaborate effectively and respectfully with diverse communities of society. PO8 : Construct vision and build a team that can help achieve the vision of the concerned institution. PO9 : Inculcate a healthy attitude to be a lifelong learner for self improvement. PO10: Make optimum utilization of digital technology in teaching and learning process. PO11: Demonstrate the capability to work in a multicultural and diversified work environment to develop a holistic and inclusive society. 15 PO12 : Practice constitutional, humanistic, ethical and moral values in life. PO13 : Demonstrate the ability to comprehend the perspectives and experiences of another person or group as well as to recognize and comprehend the emotions of others. PO14 : Develop environmental awareness and take necessary measures to mitigate environmental concerns. PO15 : Apply the acquired knowledge and skills in work and learning contexts appropriate for the level of qualification with accountability and responsibility. PO16 : Able to work collaboratively with and through groups of people affiliated to different geographic proximity, specific interests, and differential or similar situations. Programme Specific Outcomes (PSOs)

1. To gain in depth knowledge of the fundamentals of sociological concepts.
2. To enable students to develop process of interaction in everyday life and connect with society.
3. To equip students with the skills and expertise of designing and conducting social research.
4. They will learn to apply sociological imagination to analyze social phenomena, considering historical contexts, contemporary relevance and power dynamics.
5. They will become able to analyze local and global social issues within interconnected systems by recognizing the impact of social, economic and political forces on different populations

COURSE OUTCOME:

Course Code : SOCC1

CO1: Describe Sociology as a discipline by connecting it with various perspectives and its relation with Social Anthropology. ILO: * They will learn how to think Sociologically *They will understand how different perspectives define and describe society differently. * They can explain the factors responsible for emergence of Sociology * They can identify the underlying factors linking emergence of sociology with the field of social Anthropology *They can recognize the common factors which led to the emergence of sociology and social Anthropology *They can recognize also how the field of study and methodology is different in Sociology and Social Anthropology CO2: Comprehend Sociology and its relations with Other Social Sciences ILO: *They can classify the common factors which trace relation between Sociology and Social Anthropology *They can distinguish the differences of the beginning of Sociology and Social Anthropology *They can associate the relationship between History and Sociology by emphasizing on both common and uncommon factors related to the nature and scope of the disciplines. *They can explain the nature and scope of Sociology, Social Anthropology and History. *They can defend the fact that Sociology depends on History in order to study the historical development of Society. *They can interrelate human societies and their development over time by linking it with past events, people, and societies focusing on the specific time periods and their impact on the present. CO3: They can apply their knowledge to understand some of the Basic concepts related to Sociology. ILO: *They can analyze the relationship between Individual and Group. *They can categorize the factors

which helps humans to become associated with groups. They can classify different types of groups. * They can compare the forming, norming and structuring processes of different groups. * They can examine how groups are different from each others based on size and structure and its formation process. * They can illustrate the idea that how group dynamics play a significant role in human lives for their survival in society. * They can utilize this knowledge to further understand how intra and inter group conflict arises in society based on the structuring processes of group dynamics. * They can distinguish between Associations and Institutions. * They can relate and separate the norms, ideas and established rules and procedures related to the creation and formation of Institution and Association

CO4: They will be able to evaluate and assess the importance, meaning and role of Social Change as a process in Society by highlighting its Direction and Dimensions ILO: * They can explain the meaning of Social Change * They can assess the idea that social change is a process that is related with culture, economy, technology and other societal forces. * They can contrast and compare the different dimensions of social change. * They can determine the various directions to the process of Social Change * They can develop a critique based on their understanding on how the alteration of mechanisms within the social structure is characterized by changes in the cultural symbols and rules of behaviours.

Course Code : MINSOC1

COURSE OUTCOME: After completion of this course, the students will be able to

CO1: Understand Functionalism as a theoretical perspective to describe society ILO: * Learn Redcliff Brown's structural functional approach. * Understand Emile Durkheim's views on Functionalism and how he describes society by applying this perspective.

CO2: Comprehend the idea of Interpretive Sociology. ILO: * Understand Interpretive Sociological Approach * Explain Max Weber's concept of Interpretive Sociology.

CO3: Analyse Conflict Perspective to understand society ILO: * Understand Karl Marx's views on conflict and its role in Society * Explain Ralf Dahrendorf's views on class, labour and conflict in society

CO4: Explain symbolic interactionism as a sociological perspective to understand society ILO: * Understand how Herbert Blumer describes society through the lens of Symbolic interactionism * Explain George Herbert Mead's understanding and identify his contributions in the development of Symbolic interactionism as a theoretical perspective.

Course Code : SEC109

CO.1: The students will be able to formulate research design for conducting both quantitative and

qualitative research. ILO: The students will be * Able to describe the concept "research design". * Able to distinguish between different types of research design. * Able to assess the research design formulated by other scholars. * Able to formulate research design on different topics.

CO2: The students will be able to analyze the quantitative and qualitative approach of social research. ILO: The students will be * Able to define quantitative and qualitative approach of social research. * Able to draw the distinctions between quantitative and qualitative research. * Able to illustrate the different steps of ethnographic research.

CO3: The students will be able to construct for data collection in quantitative and qualitative research. ILO: The students will be * Able to identify the primary and Secondary sources of data. * Able to describe different methods and tools of data collection . * Able to distinguish between quantitative and qualitative methods of data collection. * Able to construct questionnaire and interview

schedule for data collection. CO 4. The students will be able to supply different quantitative and qualitative methods of data analysis. ILO: The students will be * Able to identify different methods of data analysis. * Able to apply content analysis in analysis data. * Able to apply statistical methods in analysis of data in social research.

Course Code : SOCC2

CO1: Analyze the meaning of Sociological Perspective and how they are related to the explanation of Society ILO: * Explain Functionalism as a sociological perspective * Illustrate the contribution of Redcliff Brown to Functionalism * Distinguish between Redcliff Brown and Emile Durkheim's contribution to functionalism CO2: Students will be able to assess social interaction from the perspective of Weberian interpretative Sociology ILO: * Explain the core ideas of Interpretative Sociology * Illustrate Max Weber's contribution to Sociology and its methodology CO3: Students will be able to examine the core ideas in conflict perspective for understanding social reality ILO: * Explain the core ideas in Marxian conflict theory * Compare Ralf Dahrendorf conflict theory with the conflict theory of Marx CO4: Examine the importance of interactionism as a theoretical perspective in understanding social reality ILO: * Interpret the core ideas in Interactionism * Illustrate George Herbert Mead's ideas on the underlying process of human interaction in the society * Compare the ideas of Herbert Blumer with Mead on human interaction in society.

Course Code : MINSOC2

CO1: Evaluate the institutions and processes of Indian society. ILO: * Comprehend Indian society as a plural society and classify the emergent trends of pluralism * Categorize the different social institutions of India and its changing trends, nature and characteristics. CO2: Apply sociological lens to view Indian realities. ILO: * Explain the process of social formation of identities and changes in Indian society. * Interpret the challenges and contradictions faced by Indian society in recent times. CO3: Analyse different social movements and recognize that these movements have been a response to the historical discrimination, marginalization, and neglect faced by different ethnic and linguistic groups in India ILO: * Understand the concept of ethnicity and Identity * Explain what is the meaning of "Dalit" and the concept of Dalit movement * Describe different stages and forms of Dalit movements in India; * Identify the Dalit leaders and their contribution. * Explain the structural and cultural reasons for Dalit uprising. * Describe women's movement as an important variant of social movement * Explain how women's issues are raised in the reform movements of nineteenth and early twentieth centuries. * State and describe the basic aspects of women's organisations, issues and their role in the movement. * Describe the changing facets of women's movement in the Post-Independence period. CO4: Analyze the evolution and contemporary challenges of state institutions and the role of the state in addressing the challenges of growth, modernization and globalization. ILO: * Understand the stages of communalism * Distinguish between communalism and secularism * Comprehend that communalism, regionalism, and secularism are political ideologies with different belief systems. * Recognize regionalism as a political philosophy, which has its roots in the regional and cultural diversity of India.

Course Code : SOCC3

CO1: To assess the processes and modes of construction of knowledge of India ILO: * Analyze the construction of sociological knowledge in the Indian Social Context * Examine the processes of the social construction of knowledge CO2: Evaluate key concepts and institutions which are useful for them understanding of the Indian society. ILO: * To apply sociological imagination related to different institutions of Indian society. * To analyze the relationship between castes, tribes and village studies with major social institutions of Indian society * To evaluate Kinship principles and patterns of Indian social life and how it is related to sociological understanding. CO3: Analyze the model of Agrarian classes and Industrial classes in India ILO: * Describe agrarian classes and its characteristics * Define Industrial classes and its characteristics * Understand the concept of Labour and how it is related to Industrial Society * Understand how Work, Industry and Society are related to each other CO4 Evaluate Kinship principles and patterns of Indian social life ILO: * Understand Principle and Pattern of Kinship * Examine the relationship between religion, kinship and Society * Outline how religion , society and kinship are related to each other.

Course Code : SOCC4

CO 1: Appraise the contribution of August Comte in formulating Sociology as a social science ILO: * Outline Comte's idea of social evolution * Recognise Comte's contribution to the use of positive philosophy in understanding social phenomenon * Discuss the scope of sociology as a science as per Comte's ideas CO 2: Evaluate the significance of the work of Karl Marx in understanding social dialectics ILO: * Infer Karl Marx ideas on the concept of dialectical materialism * Recognise class struggle as a process of social change and evolution * Interpret mode of production as an idea of social organization CO 3: Analyse Max Weber's contribution to the interpretation of social phenomenon ILO: * Define social action as the core element of society as per Weberian understanding * Identify ideal type as a method of understanding social phenomenon * Illustrate Weber's interpretation of religion and economy as social phenomenon CO 4: Examine Emile Durkheim's understanding of social phenomenon as social facts ILO: * Define social facts and its types * Draw the relationship between society and individuals as per Durkheim's ideas * Illustrate Durkheim's idea of suicide as a social fact.

Course Code : MINSOC3

CO-1: To explain the complexity and philosophical underpinnings of social research **ILO:** * To outline Sociology as a science * To define objectivity in social research * To discuss scientific methods in social research **CO-2:** To apply methodological perspectives through different modes of enquiry to do sociological research **ILO:** * To discuss comparative method used in the works of different social thinkers * To interpret cultures through the lens of ethnographic method * To draw the relation between theory and research **CO-3:** To assess the dynamics of quantitative and qualitative research methods **ILO:** * To distinguish the qualitative and quantitative research methods * To apply different types of research methods based on the nature of study * To justify the role of a fieldworker in doing social research * Distinguish and compare between Inductive and Deductive Logic applied in research * Distinguish and compare between qualitative and quantitative methods of data collection and data analysis.

Course Code : SOCC5

CO1: Critically analyze the multiple socio -political forces and ideologies which shape the terrain of the nation. ILO: * Examine the historical trajectories of India * Analyze the facets of Pluralism and Unity in

India CO2: Evaluate the history of the country and the plurality of culture, diversities of caste, tribe, region, religion and ethnicity of the people of India. ILO: * Examine the Assimilative, Liberal, Cultural and Nationalist Imagination of India. * Compare Gandhi and Ambedkar's perspectives of India * Critique of the colonial description of Indian society CO3: Analyze different social movements in contemporary India and focus on specific political or social issues relevant to these movements. ILO: * Understand nature and concepts of various contemporary social movements * Identify the nature of Peasant Movements before and after Independence * Understand the concept of ethnicity and identity * Analyse the identity politics behind Bodo and Karbi movement * Describe women's movement as an important variant of social movement * State and describe the basic aspects of women's organisations, issues and their participation in the movement * Describe the changing facets of women's movement in the post-Independence period CO4: Analyze the evolution and contemporary challenges faced by civilization, state and society due to several societal forces such as modernization, globalization and development. ILO: * Understand the nature of communalism and its interaction with religion and politics in India * Identify and recognize the nature of secularism in India * Analyze how Indian politics has experienced secularism and the contradictions and challenges faced by the country while promoting secular outlook * Recognize the various types of nationalism * Identify the difference between nation and nationalism * Understand the concept of nationalism and sub nationalism and the related issues in India * Analyze nationalism and the sub-nationalism of regionalism and caste in Indian politics.

Course Code : SOCC6

CO1 : Evaluate the ideas of Talcott Parsons and Claude Levi Strauss. ILO: * Explain Radcliffe-Brown's understands of social structure. * Describe Parsons' view of social system * Outline Parson's AGIL scheme and Pattern Variables * Interpret Parson's theory of action * Analyze Levi-Strauss's Structuralism CO2 : Evaluate the ideas of G. H. Mead, Peter L. Berger and Thomas Luckmann. ILO: * Describe Symbolic Interactionist Perspective * Distinguish between the "I" and the "Me" component of self * Explain how the individual mind and self-arises out of the social process of interaction. * Explain the theoretical underpinnings of social construction of reality CO3 : Evaluate the ideas of Max Horkheimer and T.W. Adorno. ILO: * Describe Frankfurt School of Critical Theory * Explain Adorno and Horkheimer's ideas on culture industry * Analyze Adorno and Horkheimer work 'Dialectics of Enlightenment' CO4 : Evaluate the ideas of Pierre Bourdieu. ILO: * Explain the concepts of Field and Habitus and its sociological significance * Explain how Pierre Bourdieu theorizes the new practice of Sociology * Identify different forms of Capital * Analyze the interrelation between Bourdieu's concept of Capital, social status and power.

Course Code : SOCC7

CO1: Students will be able to analyse the logic of social research ILO: The students will be * Able to describe social research * Able to draw the relationship between research science and sociology. * Able to illustrate scientific method. * Able to distinguish between positivists and constructionist view on science. * Able to analyse the trend of sociological research. CO2: Students will be able to debate on the question of objectivity in social research. ILO: The students will be * Able to explain objectivity and its role in social research. * Able to distinguish between 'objectivity' explained by Emile Durkheim and Max Weber. CO3: Students will be able to assess 'reflexivity' as a critique to conventional sociology. ILO: The students will be * Able to illustrate methodological approach of conventional sociology. * Able to

analyse how 'Reflexivity' critiques positivism. CO4: The students will be able to examine different methodological perspective in social research. ILO: The students will be * Able to define methodological perspectives. * Able to analyse 'comparative method' in the works of Emile Durkheim, Max Weber and Radcliffe Brown. * Able to analyse feminist method * Able to formulate design for research from feminist perspective. CO 5: The students will be able to Illustrate the importance of theory in social research. ILO: The students will be * Able to draw the relationship between theory and research. * Able to distinguish between deduction and induction logic of social inquiry. CO 6: Able to distinguish quantitative and qualitative research. ILO: The students will be * Able to explain quantitative research. * Able to describe qualitative research. * Able to illustrate the types of quantitative and qualitative research.

Course Code : SOCC8

CO1: Interpret the idea of social inequality from sociological perspective **ILO:** * Define social stratification from sociological understanding * Distinguish between the concepts of inequality, difference, hierarchy and equality * Describe closed and open patterns of social stratification and their implications on the social order **CO2:** Apply sociological perspectives to understand social inequality **ILO:** * Reproduce the ideas on social stratification by pioneer sociologist * Distinguish between the ideas of Karl Marx and Max Weber on class * Interpret social stratification from the functionalist perspective **CO 3:** Appraise the sources and causes of different types of social inequality **ILO:** * Identify caste, race and ethnicity as forms of social stratification * Draw the relationship between caste, race and ethnicity as intersectional determinants of social inequality * Extrapolate gender as a basis of social stratification **CO 4:** Appraise the social factors of social mobility and its challenges **ILO:** * Define social mobility and its types * Explain the function of social mobility in societies * Describe class and occupational categories as socially reproduced one.

Course Code : MINSOC4

Course Outcomes: CO1: Understand the complex ways in which economic activity is embedded in social relations from a sociological view point. ILO: * Define Economic Sociology * Understand the relationship between Economy and Society * Conceptualise economic institutions, firms and markets as social systems * Understand and identify the sociological aspects of economic process * Identify the features of economic institutions in Sociology CO2: Describe and identify the two major school of thoughts in Economic Sociology ILO: * Explain the meaning of two different schools of thought of Formalism and Substantivism * Focus on the core ideas of formal modern economy and its proponents * Discuss the core ideas of the substantivist scholars, such as Karl Polanyi * Provide a critique to the theory of "gift exchange" given by Marcel Mauss CO3: Explain how different Modes of Production are related to social life and shapes our identity throughout the history of mankind. ILO: * Define mode of production * Understand the meaning of economic mode of production * Understand the meaning of domestic mode of production in Sociology * Understand the meaning of peasant mode of production * Explain the concept of mode of economy in peasant societies * Explain the meaning and nature of capitalist mode of production * Understand the meaning of the capitalist system in Sociology * Discuss what role is

played by capitalist production in society as envisaged by Karl Marx * Discuss the meaning of socialist model of production in sociology * Understand the meaning of socialized production * Conceptualize the meaning of Socialist Economy in sociology CO4: Analyse the contemporary issues related to the field of changing economic environment in Indian Economy ILO * Define Globalisation * Understand the meaning of Global Homogenisation and its paradigm * Define cross culture consumption * Understand who is a cross-cultural consumer * Analyse the cultural implications of the globalization of a consumer society * Understand the relationship between globalization and transnationalism. * Define 'development' and understand 'development theory' to outline how the approaches to development have changed over time. * Discuss and analyse differing explanations of inequalities in development, both spatially and socially, and the reasoning behind different development policies.

Course Code : SOCC9

CO1 : Apply the understanding of kinship terminologies, kinship usage and behaviour, in studying the kinship organization of different societies. ILO: * Define kinship from sociological understanding * List consanguineal and affinal Kin * State the difference between real and fictive kinship * Explain the basic concepts such as clan, lineage, descent, incest taboo * Describe the regional variations of kinship system CO2 : Interpret the approaches associated with the study of kinship. ILO: * Explain descent approach to the study of kinship system * Explain alliance approach to the study of kinship system * Explain cultural approach to the study of kinship system * Outline David Schneider's contributions to the understanding of kinship CO3 : Analyze the perspectives on family, household and marriage. ILO: * Describe family and its types * Describe marriage and its types * Distinguish between family and household * Identify the changes in the institution of family and marriage in contemporary times CO4 : Analyze the changing nature of kinship systems. ILO: * Explain Janet Carsten's concept of relatedness as a new direction in kinship studies * Discuss New Reproductive Technologies or NRT from the perspective of kinship studies * Examine how NRT is transforming prior definitions of kinship * Interpret the gender dimension in kinship * Demonstrate how the meaning of family has changed historically and has significant implications on kinship studies.

Course Code : SOCC10

CO1: Understand some major theoretical debates and concepts in Political Sociology ILO: * Define political Sociology * Explain Nature and Scope of political Sociology * Discuss the emergence and development of political Sociology in the West CO2: Comprehend and identify various concepts of Political Sociology related to contemporary political issues. ILO: * Define Power and Authority * Distinguish between state, governance and citizenship * Explain the perspectives of Pareto, Bottomore and C. Wright Mills on Elites and Ruling Classes, CO3: Analyse Political Systems from historical roots to present day status. ILO: * Define different types of political systems * Distinguish between different types of political systems in terms of similarities and dissimilarities. * Explain the historical roots of these systems * Critically discuss its current status and contemporary challenges. CO4: Understand the local power structure and can articulate among the complexities between global, national, and local events.

ILO: * Define Local Structures of Power * Identify the various forms of local power structures * Explain the functions and contemporary changes in local power structures by relating it with Global governance.

Course Code : SOCC12

CO1: Develop a foundational understanding of the key components and processes involved in social research. ILO: * Define and outline the steps involved in social research * Describe the significance of research design in guiding the overall research process and ensuring the validity and reliability of findings. * Understand fundamental concepts such as hypothesis and research questions, and their role in shaping research inquiries. * Identify various field issues and contextual factors that influence the design and implementation of social research projects. * Explain different sampling techniques and their applicability in social research settings. **CO2:** Develop proficiency in employing various data collection methods used in social research. ILO: * Interpret the rationale behind using survey methods, including focused group discussions, questionnaires, and interviews. * Apply observation techniques in various social settings to gather relevant data * Conduct interviews and focus group discussions to collect data effectively. * Critically assess the ethical implications of data collection methods, including issues of privacy, confidentiality, and informed consent. * Design surveys and questionnaires for research purposes **CO3:** Develop competency in analyzing and interpreting both quantitative and qualitative data ILO: * Outline the purpose and significance of qualitative and quantitative data analysis in social research * Understand the principles and guidelines for selecting appropriate graphical representations based on the nature of the data and research objectives. * State the underlying principles and approaches to content analysis and case study research * Comprehend the concept and interpretation of measures of central tendency and dispersion in describing the distribution and variability of data. * Apply statistical methods to calculate measures of central tendency and dispersion for given datasets. * Apply knowledge of content analysis techniques to analyze qualitative data from various sources, such as text, images, and videos. * Use case study research designs to explore complex social phenomena and derive meaningful insights. * Prepare effective report writing to organize and present both qualitative and quantitative research findings clearly and cohesively.

Course Code : MINSOC5

CO1: Understand the study of Indian politics from a sociological Perspective. ILO: * Describe the relationship between Politics and Society * Explain the role of state and governance * Discuss how Politics in Independent India grow and encounter with numerous challenges * Summarize how democracy in India grow through several democratic Processes and social Problems * Explore the role of Caste and Class Structure in Indian Politics **CO2:** Interpret and identify the theories, categories and conceptual tools to understand politics in relation to society in general. ILO * Identify the Social Character of the Indian State * Explain how evolution of state is related to Politics of Ideology in India, * Interpret specific social and political phenomenon in the light of the different political ideologies in Politics in India. * Understand the concept of Para-Political Systems **CO3:** Understand the concepts of different Political Identities and how these are related to Political Institutions and Democratic Process ILO * Define Nation and its characteristics * Define Caste, Religion and Ethnicity and analyse how they are related to politics * Understand how different political processes are related to several social factors that shapes the nature of Indian Democracy * Explain how different Political Institutions are associated with the growth and development of Indian Democracy as a process. * Understand the roots of Local

government and its role in contemporary Indian politics * Explain how Local level Politics is deep rooted in Social and Cultural Perspectives of Indian Society * Understand the growth and development of party system in India **CO4:** Analyse why and how Protest and Resistance in Indian Politics bring massive mobilization in Indian Society **ILO** * Understand the concept of Political Mobilization * Understand the relationship among political culture, political socialisation and political mobilization. * Explain the causes and consequence of Grassroots Mobilizations in Indian Politics * Understand what is the resistance in politics * Comprehend What is a protest in politics * Explain the role of resistance movement in India * Discuss the Recent Change in Indian Politics due to resistance and protest.

Course Code : SOCC13

CO1: Critically examine the core debates of environmental sociology. ILO: * Explain the Realist-Constructionist Debate * Examine the environmental history of India. CO2. Analyze the various approaches to study environment in relation to society. ILO: * Explain Treadmill of Production * Examine Risk theory * Distinguish Ecofeminism and Feminist Environmentalism * Classify Ecological Modernization and Political Ecology CO3: Evaluate the several environmental movements in India ILO: * Critique Chipko movement * Evaluate Narmada Bachao Andolan * Assess the Anti-Big Dam Movements in North East India CO4: Evaluate various environmental conventions at global level. ILO: * Examine the significance of Stockholm Convention 1972 * Outline the concept of Sustainable development * Outline the main points of Rio Summit 1992 * Evaluate Rio declaration on Environment and development.

Course Code : SOCC14

CO1: Analyze the social context of religion. ILO: * Define religion from sociological understanding * Explain the basic concepts such as Totemism, Animism, Asceticism, Mysticism, Theodicy and Eschatology * Explain the interconnection between religion and economy * Show the interrelation between magic, religion and science * Interpret the linkages between Religion, Community and State CO2 : Analyze the social significance of religion ILO: * Describe the domain of sacred and profane * Interpret the myths and life-cycle rituals practiced in different communities * Outline the functions of religion in society * Assess the relationship between religion and rationality CO3 : Analyze the linkages between religion and society at various level ILO: * Define prayer as a technique of religious practice * Describe the various components of prayer * Examine the concept of body in the context of religious studies * Apply theoretical perspective to understand the relationship between religion and society * Interpret ethnographic texts on various aspects of religious practices and phenomena.

Course Code : SOCC15

CO1: Explain basic concepts related to the sociological study of urban Societies ILO: * Define urban societies and their characteristics from the sociological perspective * Describe urbanism and urbanisation as sociological processes * Identify city and its types through sociological understanding CO2: Apply the key theoretical perspectives for understanding urban life in historical and contemporary context ILO: * Outline the contribution of Chicago school in defining urban social process through the ecological perspective * Discuss the new political economy of cities through the sociological lense * Illustrate Manuel Castells idea of cities as network society * Identify cities as a cultural process CO3: Analyse the social processes and groups that compose urban societies ILO: * Describe the nature of urban communities * Illustrate the forms of migration and its consequences on urban societies *

Recognise neighbourhood as a form of urban community CO 4: Assess the major concerns and issues related to urban living ILO: * Interpret leisure as a significant dimension of urban living * Demonstrate caste, class and gender as part of the dynamics of urban politics * Outline social movements and contestation of space in urban society.

Course Code : SOCC16

CO1: Students will be able to analyse the salient features of agrarian and peasant society. ILO: Students will be able to- * define agrarian and peasant society. * Explain the salient features of peasant society and its sub-culture. * Review the literature on agrarian studies in India. * Apply the Marxian approach in studying agrarian society. CO2: Students will be able to deduce the key issues in agrarian society. ILO: Students will be able to- * explain the agrarian questions raised by Marx. * Illustrate the moral economy of the peasantry class. * Debate on Indian agriculture planning since independence. CO3: Students will be able to assess the major themes of agrarian sociology in India. ILO: Students will be able to- * Identify the different classes in Indian agrarian structure. * Describe the problems of agricultural labour in India. * Interpret the land tenure and land reform policies in India. * Analyse the green revolution and its consequences on the socio-economic life of the farmers in India. * Assess the major forces of farmers movement in India. * Debate on the role of caste, class and gender in India agrarian structure. CO4: The students will be able to appraise agrarian crisis and its future in global context. ILO: Students will be able to- * Analyze the role of World Bank on addressing the agrarian crisis in Third World Countries. * Examine the political economy in the late 20th century in maintaining global agrarian order.

Course Code : MINSOC6

CO1: Understand the basic tenets of gender by interrogating the categories of gender, sex and sexuality. ILO: * Understand what is Sociology of Gender and why it is important to study * Define and distinguish between Gender, Sex and Sexuality * Understand different components of gender and sexuality * Understand the concept of Masculinity and Femininity CO2: Comprehend and analyse the complexity of gender relations in contemporary societies ILO: * Understand why Gender is a Social Construct * Explain how and why Gender, Sex and Sexuality is deeply connected with the Human behaviour through socialisation * Analyse how the production and reproduction of gender and sexuality takes place in society CO3: Understand how differences and inequalities are created in society based on Gender and sexuality ILO * Understand how biological differences create social inequalities in society * Explain how sex differences are related to inequalities in work and how this difference is responsible for creating gendered division of labour * Analyse gender inequality by connecting it with the division of labour in family * Analyse how class and caste intersect with gender and sexual identification in society CO4: Understand the politics of Gender in terms of movement, protest and resistance ILO: * Understand what is the politics of identity and Gender * Analyse the role of gender in politics * Analyse the Contemporary Indian Women's Movement and the gendered politics hidden here. * Understand how and why these movements are to a large extent a fight and bargaining with Patriarchy.

Rajashukan
Principal & Secretary
Nazira College, Nazira

MATHEMATICS

Programme Specific Outcomes:

The Programme Specific Outcomes of FYUGP programme in Mathematics are listed in the following. After completing the programme the students will be able to-

PSO1: Demonstrate the acquisition of comprehensive knowledge and coherent understanding in chosen elective and core subjects in mathematics.

PSO2: Apply mathematical techniques and tools, such as mathematical modeling, computational methods, and statistical analysis, to solve real-world problems in various fields.

PSO3: Possess strong analytical and critical thinking skills, enabling them to construct rigorous logical arguments, develop proofs, and solve complex mathematical problems.

PSO4: Proficient in using modern mathematical software and computational tools such as MATLAB, C, and other relevant technologies to analyze data and solve mathematical problems.

PSO5: Communicate mathematical ideas and solutions to a variety of audiences, including mathematicians, scientists, engineers, and non-specialists, both orally and in writing.

PSO6: Formulate research questions, literature review, methodology, presentation of findings, and demonstrate dedication to lifelong learning and professional development.

PSO7: Utilize the skills that necessary for success in national level competitive exams, pursuing doctoral research degree, teaching and others.

Course Code : MINMTH 1

CO1: define limit, continuity and differentiability and solve the problems ILO 1.1: Analyse the continuity and differentiability of a function ILO 1.2: Use Leibnitz theorem to find the higher order differentiation of products of functions. CO2: get the knowledge of partial differentiations and evaluate partial differentials ILO 2.1: Evaluate the partial differentials of a function ILO 2.2: Discuss and use Euler's

theorem on homogeneous functions. CO3: apply differential calculus in finding tangent, normal etc. and trace a curve ILO 3.1: find the equation of tangent and normal of any curve ILO 3.2: Use calculus to determine the curvature of a curve ILO 3.3: Discuss the steps to trace a curve. CO 4: analyse Rolle's theorem, mean value theorem etc. and interpret them ILO 4.1: Give a geometrical interpretation of Rolle's theorem. ILO 4.2: Construct the Taylor/ Maclaurin series of a given function. ILO 4.3: Assess the maxima and minima of a function.

Course Code : GECMTH1A

CO1: Interpret and communicate quantitative information and mathematical and statistical concepts. ILO1.1: Achieve a solid understanding of using estimation skills and when to estimate results. ILO1.2: Read, interpret, and make decisions about data summarized numerically. ILO1.3: Demonstrate proficiency in using basic terminology and principles. CO2: Understanding the fundamental concepts of logic and set theory and apply the knowledge to everyday matters. ILO2.1: Analyze the logical structure of statements symbolically, including the proper use of logical connectives, predicates, and quantifiers. ILO2.2: Evaluate the truth of a statement using the principles of logic. ILO2.3: Properly use the vocabulary and symbolic notation of higher mathematics in definitions, theorems, and problems. CO3: Explore how relations and functions are applicable in daily life. ILO3.1: Identify and differentiate between reflexive, symmetric, transitive and equivalence relations. ILO3.2: Define one-to-one and onto functions and apply them in real-life scenarios. ILO3.3: Analyze and interpret real-life examples such as in social networks, transportation systems, etc. CO4: Understand the foundation of calculus and its applications in mathematics and physics. ILO4.1: Interpret equations and graphs of the basic classes of functions. ILO4.2: Evaluate limits by using limit laws and other evaluation techniques. ILO4.3: Apply differentiation to geometric application, physical application, and modelling problems. CO5: Systematic approach for solving problems and finding solutions in various fields, from physics to finance. ILO5.1: Recognise differential equations and use the appropriate method to solve them. ILO5.2: Use an initial condition to find a particular solution of a differential equation. ILO5.3: Solve problems involving exponential growth and decay.

Course Code : MINMTH2

CO1: Demonstrate the Algebraic, Order and the Completeness properties of the real numbers. ILO1.1: List the algebraic and order properties of real numbers. ILO1.2: Find supremum and infimum of sets. ILO1.3: Deduce results as corollaries to the properties of the real numbers. CO2: Examine the convergence of real sequences and series. ILO2.1: Deduce Cauchy's convergence criterion and apply it to determine whether a sequence is convergent or not. ILO2.2: Deduce monotone convergence theorem and apply it determine whether a sequence is convergent or not. ILO2.3 Apply Archimedean principle in obtaining convergence of sequences. CO3: Apply standard tests for convergence of sequences and series. ILO 3.1: Describe Comparison test, Root test, Ratio test, Leibnitz's test of convergence. ILO 3.2: Apply Comparison test, Root test, Ratio test, Leibnitz's test to determine whether a sequence is convergent or not. ILO 3.3: Define absolute and conditional convergence with examples.

Course Code : GECMTH2A

CO1: Apply systematic strategies to count possible outcomes. ILO1.1. Apply counting principles in a fair and unbiased manner. ILO1.2: Read, interpret, and make decisions about data summarized numerically.

ILO1.3: Evaluate skills for both academic and real-world problem solving. CO2: Understanding the fundamental concepts of interpolation methods. ILO2.1: Use of various interpolation methods, including linear, polynomial, and spline interpolation. ILO2.2: Understand their applications and limitations. ILO2.3: Evaluate the accuracy and sources of interpolation error. CO3: Understand the basic concepts of probability, random variables. ILO3.1: Concept of random variables and distinguish between discrete and continuous types. ILO3.2: Calculate the expected value, and variance of random variables. ILO3.3: Analyze and interpret uncertain or random phenomena in real-world situations. CO4: Understand the foundation of economic models, market analysis, and final forecasting. ILO4.1: Develop critical thinking and data literacy skills. ILO4.2: Evaluate data critically, discerning between reliable and unreliable information. ILO4.3: Make predictions based on statistical models. CO5: Use moment generating functions to find moments. ILO5.1: Apply probability models to real-world problems in fields. ILO5.2: Construct and interpret confidence intervals for parameter estimates. ILO5.3: Stochastic processes, statistical learning and actuarial science.

Course Code : MINMTH3

CO1: understand exact differential equation and solve them ILO 1.1: Construction of integrating factor. ILO 1.2: Determine the solution of exact differential equations. CO2: Explain the basic theory of linear differential equation, Wronskian and its properties. ILO 2.1: Use of Wronskian in solving the differential equation ILO 2.2: Discuss methods for solving higher order differential equations. ILO 2.3: Solve the differential equations of first order and higher degree. CO3: distinguish various techniques for solving linear homogeneous and non-homogeneous differential equations ILO 3.1: discuss CF and PI in solving differential equations ILO 3.2: Explain method of variation of parameter in solving differential equation and apply it. ILO 3.3: give the significance of total differential equation CO 4: introduce PDE and understand basic techniques of solving PDE ILO 4.1: Construction of PDE. ILO 4.2: Differentiate various techniques of solving PDE CO 5: Classify second order PDE ILO 5.1: techniques of classification of PDE ILO 5.2: Examples of elliptic, parabolic and hyperbolic PDE.

Course Code : MINMTH4

Describe the fundamental concept of Groups, Subgroups and related theorems. Apply the fundamental concept of Rings, Fields, Subrings, Integral domains.

Course Code : MINMTH5

Develop the understanding of an algorithm and its definition. Learn programming basics of C such as Data types, Mathematical and logical operations, if statement and loops etc.

Course Code : MINMTH6

- find the zeroes of nonlinear functions of a single variable and solution of a system of linear equations, up to a certain given level of precision. Use Interpolation techniques to compute the values for a tabulated function at points not in the table. Apply numerical differentiation and integration to convert differential equations into difference equations for numerical solutions.

Raguphukan
Principal & Secretary
Nazira College, Nazira

STATISTICS

PROGRAM OUTCOMES (POs)

PO1: Graduates will demonstrate a strong understanding of fundamental statistical concepts, theories, and methodologies.

PO2: Graduates will be proficient in collecting, cleaning, analyzing, and interpreting data using statistical software and techniques.

PO3: Graduates will possess a solid foundation in mathematical concepts and techniques relevant to statistics, including calculus, linear algebra, and probability theory.

PO4: Graduates will be competent in using statistical software packages such as R, Python, or SPSS to conduct data analysis and visualization.

PO5: Graduates will be able to design experiments, surveys, and observational studies to address research questions and hypotheses effectively.

PO6: Graduates will understand and apply inferential statistical methods such as hypothesis testing, confidence intervals, regression analysis, and analysis of variance.

PO7: Graduates will have knowledge of advanced statistical techniques for analyzing complex datasets with multiple variables, including multivariate analysis, factor analysis, and cluster analysis.

PO8: Graduates will be proficient in analyzing time-series data and forecasting future trends using appropriate statistical models and techniques.

PO9: Graduates will be able to communicate statistical findings effectively to diverse audiences through written reports, oral presentations, and data visualization.

PO10: Graduates will demonstrate critical thinking skills and the ability to apply statistical reasoning to solve real-world problems in various domains.

PO11: Graduates will understand the ethical principles and guidelines governing the conduct of statistical research and practice, including issues related to confidentiality, data integrity, and bias.

PO12: Graduates will engage in lifelong learning and professional development activities to stay updated with advancements in the field of statistics and pursue career opportunities in academia, industry, government, or research.

Course Code : MINSTS1

CO1: Understand the basic concepts of statistics, statistical data and its types. ILO1: Define statistics, statistical data, population and sample. ILO2: Describe different types of statistical data. ILO3: Understand different scales of measurement. CO2: Understand tabular and graphical representation of statistical data. ILO1: Describe different tabular representation of data. ILO2: Discuss different graphical representation of data. ILO3: Understand different tabular and graphical representation of data with illustrations. CO3: Determine different measures of attributes for categorical data. ILO1: Understand theory of attributes. ILO2: Discuss independence and association of attributes. ILO3: Describe different methods of measuring association. CO4: Evaluate measures of central tendency and dispersion to statistical data. ILO1: Describe different measures of central tendency with geometry. ILO2: Discuss different measure of dispersion with geometry. ILO3: Describe moments, skewness and kurtosis with geometry. CO5: Evaluate correlation and regression and its types and methods using statistical data. ILO1: Understand scatter diagram and methods of curve fitting ILO2: Describe correlation, its types and methods of measuring correlation. ILO3: Describe regression and its types, lines of regression and regression coefficients. ILO4: Understand multiple and partial correlation and coefficient of determination. CO6: Demonstrate Index numbers and its methods and construction for statistical data. ILO1: Understand different types and construction of Index numbers. ILO2: Describe methods of constructing Index numbers. ILO3: Describe test of consistency of Index numbers. ILO4: Discuss Chain Indices, Inflation and Deflation of Index numbers. ILO5: Discuss methods of construction of cost of living Index numbers.

Course Code : GECSTS1

CO1: Understand the basic concepts of statistics, statistical data and its types. ILO1: Define statistics, statistical data, population and sample. ILO2: Describe different types of statistical data. ILO3: Understand different scales of measurement. CO2: Understand tabular and graphical representation of statistical data. ILO1: Describe different tabular representation of data. ILO2: Discuss different graphical representation of data. ILO3: Understand different tabular and graphical representation of data with illustrations. CO3: Evaluate measures of central tendency and dispersion to statistical data. ILO1: Describe different measures of central tendency with geometry. ILO2: Discuss different measure of dispersion with geometry. ILO3: Describe moments, skewness and kurtosis with geometry. CO4: Evaluate correlation and regression and its types and methods using statistical data. ILO1: Understand scatter diagram and methods of curve fitting ILO2: Describe correlation, its types and methods of measuring correlation. ILO3: Describe regression and its types, lines of regression and regression coefficients. ILO4: Understand multiple and partial correlation and coefficient of determination. CO5: Determine different measures of attributes for categorical data. ILO1: Understand theory of attributes

and consistency of data. ILO2: Discuss independence and association of attributes. ILO3: Describe different methods of measuring association.

Course Code : MINSTS2

CO1: Understand and apply the foundational concepts of probability theory. ILO1: Knowledge about the random experiments, sample space, and events and ability to distinguish between random and non-random experiments. ILO2: Knowledge to conceptualise the probabilities of events including frequentist and axiomatic approach. ILO3: They will be able to solve problems involving conditional probability, laws of addition and multiplication, and independent events. ILO4: They will learn the notion of conditional probability including the concept of Bayes' Theorem. CO2: Identify and utilize different types of random variables and their distributions. ILO1: Differentiate between discrete and continuous random variables. ILO2: Define and illustrate the probability mass function, probability density function, and cumulative distribution function for various random variables. ILO3: Perform univariate transformations of random variables, understand their properties and analyze two-dimensional random variables to determine joint, marginal, and conditional distributions. CO3: Calculate and interpret expectations, moments, and generating functions for various distributions. ILO1: Compute expectations for single and bivariate random variables and understand their significance. ILO2: Determine moments and cumulants for given distributions and explain their applications. Use moment-generating functions, cumulant-generating functions, and characteristic functions in statistical analysis. ILO3: Compute expectations for single and bivariate random variables and understand their significance. CO4: Apply knowledge of standard probability distributions in real-world scenarios. ILO1: Describe and use properties of standard probability distributions such as Binomial, Poisson, Geometric, Negative Binomial, Hypergeometric, Uniform, Normal, Exponential, Cauchy, Beta, and Gamma distributions. ILO2: Identify limiting and approximation cases of these distributions and understand their relevance. ILO3: Utilize these distributions in practical applications and problem-solving, demonstrating their importance in statistical analysis. CO5: Perform practical fitting of distributions using calculators and computer-based methods. ILO1: Fit a Binomial and Poisson distribution to a given data set using both calculators and computer software ILO2: Fit Geometric and Negative Binomial distributions to provided data sets ILO3: Fit Normal and Exponential distributions to data

Course Code : GECSTS2

CO1: Understand and apply the foundational concepts of probability and random variables ILO1: Define and explain random experiments ILO2: Solve problems involving conditional probability ILO3: Differentiate between discrete and continuous random variables and illustrate their probability mass function (pmf) CO2: Calculate mathematical expectations and understand generating functions ILO1: Define and compute the mathematical expectation for different types of random variables. ILO2: Explain and use generating functions in the context of probability distributions. ILO3: Illustrate the concepts of moments and cumulants through generating functions. CO3: Identify and utilize basic statistical and sampling distributions in data analysis. ILO1: Describe and use properties of basic statistical distributions such as Binomial ILO2: Define and apply basic sampling distributions such as Chi-square ILO3: Differentiate between population and sample ILO4: Explain the basic idea of significance testing CO4: Perform and interpret various tests of significance for hypothesis testing. ILO1: Conduct tests of hypotheses for the parameters of a normal distribution (one sample and two sample problems) and

perform tests for the significance of the correlation coefficient. ILO2: Analyze categorical data using Chi-square tests of proportions, association, and goodness-of-fit, including Yates' correction. ILO3: Conduct analysis of variance (one-way classification) and interpret the results. Check the consistency of data and find associations among attributes using statistical methods.

Course Code : MINSTS3

CO1: Understand and apply sampling distributions such as Chi-square, t, and F distributions. ILO1: Explain the assumptions and properties of Chi-square, t, and F distributions. ILO2: Apply Chi-square, t, and F distributions to real-world data and interpret the results. ILO3: Demonstrate the applications of Chi-square, t, and F distributions in hypothesis testing. CO2: Grasp the concepts and principles of estimation. ILO1: Define and explain the concepts of unbiasedness, consistency, efficiency, and sufficiency in estimation. ILO2: Understand and apply the Factorization theorem (without proof) to identify sufficient statistics. ILO3: Identify and calculate the Minimum Variance Unbiased Estimator (MVUE). CO3: Master various methods of estimation. ILO1: Apply the method of moments for parameter estimation in binomial, Poisson, and normal distributions. ILO2: Utilize the method of maximum likelihood estimation for parameter estimation in exponential and normal distributions. ILO3: Compare and contrast the efficiency and applicability of different estimation methods. CO4: Understand the theory and application of hypothesis testing. ILO1: Define and explain critical region, level of significance, size, power, best critical region, and most powerful test. ILO2: Apply Neyman Pearson lemma to construct most powerful tests for specific hypotheses. ILO3: Understand and perform likelihood ratio tests for single-sample and two-sample problems. CO5: Grasp the principles and applications of sequential analysis. ILO1: Explain the Sequential Probability Ratio Test (SPRT) and its fundamental relations among α , β , A, and B. ILO2: Determine A and B in practical scenarios and understand Wald's fundamental identity (sans proof). ILO3: Construct and interpret Operating Characteristics (OC) and Average Sample Number (ASN) functions, and draw corresponding curves for sequential testing procedures. CO6: Apply practical skills using both calculator and computer-based methods. ILO1: Calculate maximum likelihood estimators for exponential and normal distributions. ILO2: Perform estimation by the method of moments for binomial, Poisson, and normal distributions. ILO3: Draw power curves for tests of equality of normal means and conduct likelihood ratio tests for single-sample and two-sample problems.

Course Code : MINSTS4

CO1: Concept of SQC and History ILO1: Students will get the basic idea of Statistical control, the history of the development of SQC and will be able to know various persons (gurus) involved in the SQC developments. ILO2: Students will learn about ISO (International Organization for Standardization), various tools of SQC and constructions of various charts. CO2: Various Quality control charts ILO1: Gain knowledge of various control charts ILO2: Analysis pattern of charts, estimation of process capability. CO3: Will earn knowledge on various sampling inspection plans with graphical interpretation. ILO1: Explain the principles of single and double acceptance sampling plans. ILO2: Graphically interpret operating characteristic (OC) curves, average quality level (AQL), lot tolerance percent defective (LTPD), average outgoing quality (AOQ), and average outgoing quality limit (AOQL). ILO3: Utilize Dodge and Romig's sampling inspection plan tables for practical applications. CO4: Six- Sigma Control Charts ILO1: Will get concepts of Six-Sigma, total management, and selection criteria for Six- Sigma. ILO2: Will learn

to use of Six-Sigma in production CO5: Will gain practical knowledge for construction of various charts and drawing interpretation on the results. ILO1: Construct and interpret various statistical control charts. ILO2: Design and analyze single sample inspection plans, constructing OC, AQL, LTPD, ASN, ATI, AOQ, and AOQL curves. ILO3: Calculate process capability and compare it with 3-sigma control limits and specification limits.

Course Code : MINSTS5

CO1: Understand basics of demography. ILO1: Explain meaning of demography and its interdisciplinary characteristics. ILO2: Learn demographic transition ILO3: Define fertility rates, mortality rates, growth rate and life table. CO2: Know sources of demographic data ILO1: Collection of data by census, registration and sample surveys. ILO2: Sources of errors in these data. ILO3: Methods of evaluating errors in age data CO3: Apply indices of fertility and mortality ILO1: Describe fertility levels in a population. ILO2: Describe mortality rates of a population ILO3: Explain standardize mortality rate. ILO4: Explain reproduction rates. CO4: Apply life table techniques for mortality study. ILO1: Explain columns of a life table and their meaning, uses. ILO2: Construct life table for a population ILO3: Determine expectation of life at different ages. CO5: Describe a study population using appropriate tools. ILO1: Demonstrate the levels of fertility and mortality in the study population. ILO2: Can compute dimension of infant death in the population. ILO3: Can determine growth of population using simple tools. ILO4: Can explain life history of a population using life table.

Course Code : MINSTS6

CO1: Understand the Foundations of Sample Surveys ILO1: Define the concepts of population and sample. ILO2: Differentiate between complete enumeration and sampling methods. ILO3: Identify sources of sampling and non-sampling errors in surveys. CO2: Master Estimation Techniques in Sample Surveys ILO1: Compute estimates for population mean, total, and proportion. ILO2: Calculate variances of population estimates and determine sample sizes. ILO3: Understand procedures for estimating variances of sample estimates. CO3: Analyze Systematic and Cluster Sampling ILO1: Implement systematic sampling to estimate population mean and total. ILO2: Compute variances of estimates in systematic sampling ($N=nk$). ILO3: Compare systematic sampling with simple random sampling (SRS) and stratified sampling. CO4: Introduction to Ratio and Regression Methods ILO1: Utilize ratio and regression methods for estimating population parameters. ILO2: Approximate population mean and total using initial ratio and regression methods. ILO3: Calculate variances of estimates and compare with SRS methods. CO5: Understand Official Statistical Systems in India ILO1: Describe the present official statistical system in India. ILO2: Evaluate methods used for collecting official statistics, including their reliability and limitations. ILO3: Identify the roles of MoSPI, NSO, and National Statistical Commission in statistical governance. CO6: Examine Government Publications and Statistical Data ILO1: Analyze key publications from the Government of India containing statistical data. ILO2: Interpret data related to population, industry, and finance from official publications. ILO3: Assess the reliability and relevance of statistical data for policy-making and research.

Rajendhuran
Principal & Secretary
Nazira College, Nazira

BOTANY

Nature of course: GEC-I

Course code: BOT-GEC-01

Course outcome:

1. Distinguish between renewable and non-renewable resources
2. Analyse threats to natural and biological resources of NE India
3. Examine management strategies for sustainable utilization of resources

Learning outcomes

1. Differentiate natural and biological resources of NE India
2. Identify the threats and issues related to the natural resources
3. Execute conservation and management strategies for natural resources

Nature of course: GEC-II

Course code: BOT-GEC-02

Course outcome

1. Differentiate the level of plant diversity
2. Examine the cause of the loss of biodiversity
3. Analyse the biodiversity conservation strategies
4. Evaluate the role of plants in human welfare

Learning outcomes

1. Distinguish the biodiversity levels
2. Analyse threats to biodiversity
3. Understand the conservation strategies for biodiversity
4. Examine the role of plants, in human welfare

Rajashukan
Principal & Secretary
Nazira College, Nazira

VAC COURSES

Course Title: Understanding India

Course Outcomes: CO1: To interpret the literary and philosophical development in Ancient India. CO2: To analyze the art and architectural development in early and medieval India CO3: To explain the medieval Bhakti movement and the Sufi tradition. CO4: To develop an understanding of the Constitution of India.

Title of the Course : Health & Wellness

CO1: Explain basic concepts in health and wellness * LO 1.1: Define health as holistic and including physical, mental, social and spiritual aspects * LO 1.2: Describe the importance of health in everyday life * LO1.3: Discuss the meaning of wellness and the role of mental health in maintaining wellness * LO 1.4: Discuss health behaviors and use of mass media in promoting health * CO2: Explain the mind-body connection in well-being * LO 2.1: Describe mind-body connection and its implications * LO 2.2: Discuss the meaning of wellbeing * CO3: Apply concepts of health and well-being to real life situations * LO 3.1: Discuss ways to ensure digital wellbeing in current times * LO3.2: Discuss non-mainstream, indigenous health belief practices of Assam and North- East India * LO 3.3: Explain and differentiate basic concepts of wellness in Positive Psychology, such as hope, optimism. Strengths and virtues.

Title of the Course : Environmental Science

After successful completion of this course students will be able to understand: to come up with using ethical reasoning for decision making and frame ethical issues as well as operationalize ethical choices. The course integrates various facets of human values and environment.

Name of the Course: Yoga

* Students gain good knowledge on the concept of yoga. * Students know about the scientific benefits of various yogic practices * Students can perform practical skills proficiently * Students gain an awareness about the value of health & wellness through yoga * Makes the students more enthusiastic about further study/research in the field of yoga.

Title of the Course : Digital Fluency

CO1: Define digital fluency and identify the skills required to be digitally fluent. CO2: Identification of computer hardware and software, including operating systems and file management. CO3: Navigate the web, perform effective online searches, and create and manage email accounts. CO4: Create and manage social media accounts, understand privacy and security settings, and post and share content. CO5: Illustrate online safety and be able to identify and mitigate cyber security risks.

Rajesh Kumar
Principal & Secretary
Nazira College, Nazira