

Programme Code: PG34

Programme Name: M.A.Economics

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	MA ECONOMICS: I SEMESTER		
<p>COURSE CODE: PG34T 101: MICRO ECONOMIC ANALYSIS-I</p>	<p>Module1: Introduction and Basic Concepts Basic Economic Problems; Scarcity and Choice; Economic Models; Different Types of Equilibrium Systems</p> <p>Module 2: Demand Analysis Utility Analysis- Cardinal Utility Theory of Demand; Ordinal Utility Theory of Demand- Indifference Curves and Their Applications; Revealed Preference Theory; Revision of Demand Theory by Hicks; Lancaster’s Approach to Demand Theory; Recent Developments in Demand Analysis-Pragmatic Approach and Linear Expenditure Systems; Consumer’s Choice Involving Risk or Uncertainty; Neumann-Morgenstern Method Measuring Utility; Elasticities of Demand (Price, Cross, Income) and Supply.</p> <p>Module 3: Theory of Production and Costs Production Function; Short-run and Long-run; Law of Variable Proportions; Isoquants; Least Cost Combination of Inputs; Returns to Scale; Equilibrium of a Single and Multi-Product Firm; Cobb-Douglass, Traditional and Modern Theories of Costs—Empirical Evidence.</p> <p>Module 4: Price and Output Determination Limitations of Perfect and Monopoly Market Situations; Monopolistic Competition; Equilibrium of the Firm and the Group with Product Differentiation and</p>	<p>COURSE CODE: PG34T 101: MICRO ECONOMIC ANALYSIS-I</p>	<p>Module -I: Introduction and Basic Concepts 6 Hours Basic economic problems - Choice and scarcity - Characteristics of equilibrium and disequilibrium systems.</p> <p>Module -II: Demand and Supply Analysis 16 Hours Theories of Demand - Utility analysis - Indifference curves and their applications - Revealed preference theory - Revision of demand theory by Hicks - Lancaster’s approach to demand theory - Consumer’s choice involving risk - Recent developments in demand analysis - (Pragmatic approach and Linear expenditure systems) - Elasticities of demand (Price, Cross, Income) - Theoretical aspects and empirical estimation Factors Influencing Supply - Changes in Supply - Supply Elasticity - Determinants of Supply Elasticity - Market Determination of Price and Quantity - Equilibrium Supply and Demand.</p> <p>Module -III: Theory of Production and Costs 14 Hours Production function - Short-run and Long-run - Law of variable proportions – Isoquants - Least cost combination of inputs - Returns to scale - Multi-product firm - Elasticity of substitution - Technical progress and production function - Cobb-Douglass - CES, VES and Translog production functions and their properties - Empirical evidences; Traditional and modern theories of costs - Economies of Scale and Economies of Scope - Empirical evidence - Derivation of cost functions from production functions.</p> <p>Module -IV: Price and Output Determination under</p>

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	<p>Selling Costs; Excess Capacity Under Monopolistic and Imperfect Competition; Oligopoly: Non-Collusive (Cournot, Bertrand, Edgeworth, Chamberlin, Kinked Demand Curve and Stackelberg's Solution) and Collusive Oligopoly (Cartels and Mergers, Price Leadership and Basing Point Price System)</p> <p>Module 5: Alternative Theories of the Firm</p> <p>Critical Evaluation of Marginal Analysis; Full-Cost Pricing Rule; Bain's Limit Pricing Theory; Sylos-Labini's Model; Managerial Theories of the Firm- Baumol's Sales Revenue Maximisation Model; Marris' Model of Managerial Enterprise; Williamson's Model of Managerial Discretion; Behavioural Theories of the Firm-Simons' Satisfying Theory; Cyert and March Model; Game Theory.</p>		<p>Different Markets 16 Hours</p> <p>Marginal analysis as an approach to price and output determination - Perfect competition - Short and long-run equilibrium of the firm and industry - Supply curve - Monopoly - Short and long-run equilibrium - Price discrimination - Monopoly control and regulation - Monopolistic competition - Equilibrium of the firm and the group with product differentiation and selling costs - Excess capacity under monopolistic competition – Oligopoly - Non-collusive (Cournot, Bertrand, Edgeworth, Chamberlin, Kinked Demand Curve and Stackelberg's Solution) and Collusive (Cartels and Mergers, Price Leadership and Basing Point Price System) Models.</p> <p>Module -V: Alternative Theories of the Firm 8 Hours</p> <p>Critical evaluation of marginal analysis; Baumol's sales revenue maximization model; Williamson's model of managerial discretion; Marris model of managerial enterprise; Full cost pricing rule; Bain's limit pricing theory and its recent developments including Sylos-Labini's model; Behavioural model of the firm; Game theoretic models.</p>
<p>COURSE COE: PG34T 102: MACRO ECONOMIC ANALYSIS-I</p>	<p>Module 1: National Income and Accounts</p> <p>Concepts of National Income; Measurement Difficulties; Circular Flow of Income in Two, Three and Four Sector Economy; Different Forms of National Income Accounting; Social Accounting; Input-Output Accounting; Flow of Funds Accounting and Balance of Payments Accounting; Importance of National Income Analysis.</p>	<p>COURSE COE: PG34T 102: MACRO ECONOMIC ANALYSIS-I</p>	<p>Module-I: National Income and Accounts</p> <p>Measurement of Macro Variables and Economic Performance - Important Concepts: GNP, GDP, NNP, NDP, NI, PI, DPI - Real GDP versus Nominal GDP - GDP Deflator, National Income and Economic Welfare; National Income Accounts: Social Accounting; Input-Output Accounting; Flow of Funds Accounting and Balance of Payments Accounting; Importance of National Income Analysis.</p>

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	<p>Module 2: The Classical Macro Economics</p> <p>Basic Assumptions of the Classical School; Say's Law of Markets and Quantity Theory of Money; Classical Full Employment Equilibrium; Savings, Investment and Rate of Interest; Wage-Price Flexibility as a Remedy for Unemployment; Policy Implications of the Classical Equilibrium Model; A Critique of the Classical Analysis of Output, Employment and Income.</p> <p>Module 3: The Keynesian System</p> <p>Concept of Underemployment Equilibrium; Role of Aggregate Demand and Aggregate Supply Functions; Principle of Effective Demand.</p> <p>Module 4: Consumption Function</p> <p>Keynes' Psychological Law of Consumption; Implication of the Law; Short-run and Long-run Consumption Function; Determinants; Empirical Evidence on Consumption; Theories of Consumption Function – Absolute Income; Relative Income; Life Cycle and Permanent Income Hypotheses.</p> <p>Module 5: Investment Function</p> <p>Investment Function- Determinants; Marginal Efficiency of Capital; Rate of Interest; Lags in Investment; the Keynesian Model with the Inclusion of Government and Foreign Trade; Theory of Multiplier; Importance; Leakages; Multiplier in UDCs; Principle of Acceleration; Accelerator and Investment; Behaviour; Impact of Inflation; Influence of Policy Measures on Investment; Empirical Evidence</p>		<p>Module-II: Theories of Employment</p> <p>The Classical Theory of Employment: Say's Law of Markets and Quantity Theory of Money; Classical Full Employment Equilibrium; Savings, Investment and Rate of Interest; Wage-Price Flexibility as a Remedy for Unemployment; Policy Implications of the Classical Equilibrium Model; A Critique of the Classical Theory of Employment and Income; Keynesian Macro Economics- Before Keynes, Keynesian Revolution, and after Keynes; Keynesian Theory of Employment: Concept of Underemployment Equilibrium; Role of Aggregate Demand and Aggregate Supply Functions; Principle of Effective Demand.</p> <p>Module-III: Consumption Function and Investment Function</p> <p>Consumption Function and its Determinants: Implications of Consumption Function; Alternative Theories of Consumption Behaviour - Irving Fischer and Inter-temporal Choice - Franco Modigliani and the Life-Cycle Hypothesis - Robert Hall and the Random-Walk Hypothesis. - David Laibson and the Pull of Instant Gratification; Investment Function and its Determinants: Business Fixed Investment, Residential Investment, Inventory Investment - Equilibrium Income and Output in Simple Two Sector Model, Three Sector and Four Sector Models; Multiplier and Accelerator Analysis; Relevance and Critique of Keynesian Macroeconomics.</p>

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			<p>Module-IV: Equilibrium Analysis for Real and Money Markets</p> <p>Simple Keynesian Model; IS-LM Model: Interaction of Real and Monetary Sectors of the Economy – Keynesian Version of the IS-LM Model – Neo-Classical version of the IS-LM Model; Fiscal and Monetary Policy Analysis in an IS-LM Model; IS-LM Model with Government Sector – Policy Analysis in a Keynesian Model – Policy Analysis in a Neo-Classical Model – Fiscal Policy and Crowding out – The Role and Relative Effectiveness of Fiscal and Monetary Policy; The Aggregate Supply and Aggregate Demand Model: The Neo-Classical Three Sector Model – Pigou Effect - The Keynesian Three Sector Model - Keynes Effect.</p> <p>Module-V: New Classical Economics</p> <p>Emergence of New Classical Macroeconomics: Rational Expectations Analysis - Policy Conclusions and Implications - Supply-Side Economics - Theoretical Propositions and Implications.</p>
<p>COURSE CODE: PG34T 103: ECONOMICS OF GROWTH AND</p>	<p>Module1: Economic Growth-I Economic Growth and Development-Factors Affecting Economic Growth; Growth Models-Harrod-Domar; Instability of Equilibrium; Neo-Classical Growth Models-Solow and Meade, Joan Robinson’s Growth</p>	<p>COURSE CODE: PG34T 103: ECONOMICS OF GROWTH AND</p>	<p>Module-I: Economic Development: An Overview</p> <p>Economic Development - Sustainable Development -Ethics and Economic Development - Why Study Development Economics?; Measurement of Economic Development -</p>

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<p>DEVELOPME NT-I</p> <p>(It was Shited to from 3rd Sem to 1st Sem)</p>	<p>Model; Cambridge Criticism of Neo-Classical Analysis of Growth.</p> <p>Module 2: Economic Growth-II Technological Progress—Embodied and Disembodied Technical Progress; Hicks, Harrod; Learning by Doing; Production Function Approach to the Economic Growth; Total Factor Productivity and Economic Accounting; Growth Model-Kaldor-Money in Economic Growth- Endogenous Growth- Intellectual Capital- Education and Research</p> <p>Module 3: Theories of Development-I Classical Theory of Development- Adam Smith, Ricardo, Malthus, James Mill; Karl Marx and Development of Capitalistic Economy-Theory of Social Change, Surplus Value and Profit; Crisis in Capitalism</p> <p>Module 3: Theories of Development-II Schumpeter and Capitalistic Development;-Role of Credit, Profit and Degeneration of Capitalism; Imperfect market Paradigm</p> <p>Module 5: Approaches to Development Vicious Circle of Poverty, Circular Causation, Unlimited Supply of Labour; Lewis, Ranis and Fei Models; Balanced and Unbalanced Growth Strategies; Critical Minimum Effort Thesis; Dualism in LDCs</p>	<p>DEVELOPMEN T-I</p>	<p>Concept of Human Development - Human Development Index - Human Capability Approach to Development - Development as Freedom - Development versus Displacement.</p> <p>Module-II: Theory of Poverty and Income Distribution</p> <p>Growth and Distribution Justice - Kuznet's Hypothesis; Poverty and its Measurement - Poverty Alleviation Measures; Convergence and Divergence Economic Theories; Development Gap - Causes, Consequences and Measures to Reduce Development Gap.</p> <p>Module-III: Grand Theories of Economic Growth and Development</p> <p>Classical Theory of Economic Development and its Salient Features- Adam Smith's and David Ricardo's Theories of Growth - Karl Marx: Growth and Decay of Capitalism; Theory of Social Change, Surplus Value Theory, Reserve Army and Materialistic Interpretation of History; Schumpeter's Growth Theory: Capitalistic Development, Crisis in Capitalism, Innovation, Degeneration of Capitalism - Structural Analysis of Development.</p> <p>Module-IV: Neo-Classical Growth Theories</p> <p>Stylized Factors of Neo-Classical Growth Theory; J.E. Meade's Growth Model; Harrod- Domar Model; Kaldor & Mirrlees Model; Mrs. Joan Robinson's Model; Cambridge</p>

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			<p>Criticism of Neo-Classical Growth Model</p> <p>Module-V: Partial Theories of Economic Growth and Development</p> <p>Salient Features of Partial Theories; Vicious Circle of Poverty - Theory of Circular Cumulative Causation; Lewis Model; Big-push and Critical Minimum Effort Thesis; Balanced and Unbalanced Growth Theories; Dualistic Theories - Dixit - Marglin Models - Dependency Theory of Development; Two Sector Model of Uzawa; Endogenous Growth Models - Romar-Lucas Model.</p>
<p>COURSE CODE: PG34T 104: MATHEMATICS FOR ECONOMICS</p>	<p>Module 1: Importance of Mathematical and Statistical Methods in Economic Analysis; Review of some Concepts; Algebraic Expressions; Equations; Exponents; Ratio; Proportion; Compound Interest Formula; Graphs of Lines and Non-Linear Equations; System of Simultaneous Equations; Market Equilibrium of Single and Multi-Commodity System; Effects of Specific Tax on Equilibrium Price and Quantity; Equilibrium Analysis of National Income and IS-LM Model.</p> <p>Module 2: Concept of Function and Types; Limit, Continuity and Derivatives; Rules of Differentiation; Marginal Concept; Marginal Cost; Revenue; Utility; Elasticities and Types; Partial Differentiation and Applications.</p>	<p>COURSE CODE: PG34T 104: MATHEMATICS FOR ECONOMICS</p>	<p>Module-I: Basic Mathematical Concepts Importance of Mathematical Economics; Basic Concepts– Exponents, Functions, Types of functions– Linear and Non-Linear Functions, Factoring, Quadratic, Cubic, Exponential and Logarithmic Functions; Simultaneous Equations– Solutions for Two Variables And Three Variables; Graphs– Slopes and Intercepts, Graphs of Non-Linear Functions; SGR and CAGR.</p> <p>Module-II: Applications of Equilibrium Equations and Graphs Market Equilibrium of Demand and Supply– Single and Multi-Commodity System; Effects of Specific Tax and Subsidy on Market Equilibrium Price and Quantity; Equilibrium of Income Determination Models; IS-LM</p>

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	<p>Module 3:</p> <p>Problems of Maxima and Minima in Single and Multivariable Functions; Unconstrained and Constrained; Optimization in Simple Economic Problems; Concept of Integration; Some Simple Rules of Integration and Applications to Consumer's Surplus and Producer's Surplus.</p> <p>Module 4:</p> <p>Determinants and their Basic Properties; Solution of Simultaneous Equations through Cramer's Rule; Concept of Matrix and Types; Matrix Inverse and Rank of a Matrix; Introduction to Input-Output Analysis.</p> <p>Module 5:</p> <p>Linear Programming – Basic Concepts; Formulation of a Linear Programming Problem; Its Structure; Variables; Feasible, Basic and Optimal Solutions; Graphical and Simple Method of Solving a Linear Programming Problem; Formulation of the Dual Linear Programming and its Interpretation.</p>		<p>Analysis; Production-Possibilities Frontiers.</p> <p>Module-III: Derivatives and Integral Calculus</p> <p>Derivatives– Rules of Derivatives; Marginal Concepts– Relationship among TC, MC, AC; TR, MR, AR; Utility; Elasticity of Demand and Supply– its types; Partial Derivatives and Applications; Maxima and Minima in Single and Multivariable Functions; Integration– Indefinite Integral, Rules of Integration, Definite Integral; Properties of Definite Integral, Economic Application to Integrals of Consumer's Surplus and Producer's surplus; Difference Equations– Definitions and Concepts, Lagged Income Determination Model, The Cobweb Model, The Domar Growth Model, The Harrod Model, The Solow Growth Model.</p> <p>Module-IV: Matrix and Determinants</p> <p>Concept of Matrix– Types of Matrices, Minor and Cofactors, Rank of a Matrix, Inverse of a Matrix; Determinants– its Properties, Second and Third-Order Determinants, Solution of Simultaneous Equations by using Cramer's Rule; Jacobian Determinants, Leontief Input-Output Models– its structure, The Open Model and The Closed Model.</p> <p>Module-V: Linear Programming</p> <p>Basic Concepts– Advantages of LPP, Formulation of LPP, Feasible, Basic and Optimal Solutions, Solution of Linear Programming through Graphical Method and Simplex</p>

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			Method; Corner Rule Method, The Row Minima Method, Lowest Cost Entry Method (LCEM), Vogel's Approximation Method (VAM); Duality Theorems– Economic interpretation of a Dual– Micro and Macro Level; Concept of a Game; Strategies– Simple and Mixed; Value of a Game; Saddle Point Solution; Simple Applications.
<p>COURSE CODE: PG34T 105: INDIAN ECONOMIC POLICY</p>	<p>Module 1: Features of Indian Economy and Planning</p> <p>Characteristics of Indian Economy; Objectives, Strategy and Assessment of Planning in India; Decentralised Planning in India-Problems and Prospects; Regional Imbalances.</p> <p>Module 2: People, Resources and Infrastructure</p> <p>Broad Demographic Features of Indian Population; Urbanization; Poverty and Inequality; Strategy of Poverty Alleviation; Education and Health; Environment; Issues in Infrastructure Development.</p> <p>Module 3: The Core Sectors</p> <p>Pattern of Agricultural Growth; Institutional Factors in Agricultural Growth-Credit, Marketing and Pricing, Land Reforms; Technological Factors in Agricultural Growth-Seeds, Fertilizers, Irrigation; Issues in Food Security; Pattern of Industrial Growth; Industrial Policy; Privatisation Debate; Small Scale Sector; Industrial Sector and Exit Policy.</p> <p>Module 4: Financial Sector</p> <p>Price Trends in India; Review of Monetary Policy of RBI; Money and Capital Markets; Banking and Non-</p>	<p>COURSE CODE: PG34T 105: INDIAN ECONOMY</p>	<p>Module-I: An Overview of Indian Economy</p> <p>12 Hours</p> <p>Characteristics of Indian Economy; Demographic Features of Indian population; Trends in the growth of National Income; Green Accounting; Structural Changes in the Economy; Poverty and Inequality; Trends in Savings, Investment and Capital Output Ratio and their Implications; India's Development Experience; Planning and Development Strategies; Planning Commission to NITI Aayog; Parallel Economy and its Implications.</p> <p>Module -II: Agricultural Sector</p> <p>14 Hours</p> <p>Agriculture-Importance; Cropping Pattern; Land Reforms; Farm size and efficiency; Agricultural Labour Problems; Mechanization and Green Revolution; Agricultural Finance and Rural Indebtedness and Farmers' Suicide; Agricultural Marketing; Agricultural Price; Agricultural Co-operatives; Technological Factor in Agriculture Growth-Seeds Fertilizers, Irrigation; Food problem and Public Distribution System;</p>

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	<p>Banking Financial Intermediaries; Working of SEBI; Finances of Government of India.</p> <p>Module 5: Economic Reforms</p> <p>Rationale of Reforms; Foreign Trade and Policy; Globalisation; W.T.O.and its Impact on Various Sectors; Assessment of Reforms; Competitiveness; Issues in Good Governance; Safety Nets.</p>		<p>WTO and Agriculture.</p> <p>Module -III: Industrial Sector 14 Hours</p> <p>Importance of Industrialization; Growth and Structural Composition; Structural Transformation; Small-Scale Industries- Role and Performance; Privatization and Public Sector, Private Sector Industries and their Performance and Problems; Industrial Labour; Industrial Finance; Development Banks; Capital Market; Industrial Monopoly; MRTP; New Industrial Policy; Competition Law mergers; acquisitions and Takeover.</p> <p>Module -IV: Foreign Trade Sector 10 Hours</p> <p>Exchange Rate policy of India; Trends in India's Foreign Trade; Balance of Payment; Problems of Policies; New Foreign Trade Policy; Export promotion V/S Import Substitution; Foreign Direct Investment in India; Globalisation and its impact on India's Trade and Investment.</p> <p>Module -V: Financial Sector 10 Hours</p> <p>RBI; Money and Money Markets; Monetary Policy; Money Supply; Commercial Banks; Banking and Non-Banking Financial Sector; Financial Sector Reforms; Demonetisation and its Impact.</p>
<p>COURSE CODE: PG34T 106A:</p>	<p>Module 1: Agriculture in Economic Development</p> <p>Role of Agriculture in Economic Development;</p>	<p>COURSE CODE: PG34T 106A: AGRICULTURAL</p>	<p>Module-I: Agriculture and Economic Development</p> <p>Nature and scope of agricultural economics; Traditional</p>

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AGRICULTURAL ECONOMICS	<p>Agriculture in Dualistic Models of Development; Agricultural Surplus and Economic Development; Schultz and Mellor's theories of Agricultural Development; Agriculture in India's Economy.</p> <p>Module 2: Economics of Agricultural Production</p> <p>Production Functions in Agriculture; Returns to Scale in Agriculture; Risk and Uncertainty in Agriculture Production; Crop Insurance; Agricultural Production and Productivity in India; Cropping Pattern in India.</p> <p>Module 3: Farm Management Analysis</p> <p>Meaning, Importance, Tools and Principles of Farm Management; Farm Accounting; Diversification of Agriculture in India; Contract Farming.</p> <p>Module 4: Strategy of Agricultural Development</p> <p>Resource Allocation and Capital Formation; Institutional v/s Technological Factors; Infrastructure for Agricultural Development; Agricultural Planning in India; Agricultural Credit and Land Reforms in India; Development of Irrigation and New Agricultural Technology in India; Agricultural Policy; Agricultural Subsidies in India, Agricultural Labour and Wages; Agriculture in the Context of Globalization.</p> <p>Module 5: Agricultural Marketing</p> <p>Nature of Demand for Farm Products; Structure of Agricultural Product Markets; Marketing Functions; Channels of Agriculture Marketing; Marketing Efficiency; Input Supply and</p>	ECONOMICS	<p>agriculture and its modernization;</p> <p>Role of agriculture in economic development; Interdependence between agriculture and industry— some empirical evidence; Models of interaction between agriculture and the rest of the economy; Agricultural development, poverty and environment</p> <p>Module-II: Agricultural Production and Productivity</p> <p>Agricultural production — Resource use and efficiency; Production function analyses in agriculture; Factor combination and resource substitution; Cost and supply curves; Size of farm and laws of returns — Theoretical and empirical findings; Farm budgeting and cost concepts; Supply response of individual crops and aggregate supply; Resource use efficiency in traditional agriculture; Technical change, labour absorption and gender issues in agricultural services</p> <p>Module-III: Agricultural Growth in India</p> <p>Agricultural Production under Five Year Plans - Recent Trends in Agricultural Growth in India - Cropping Pattern Shifts - Impact of Agriculture on Industry - Diversification of Agriculture - Inter-Regional Variations in Growth, Output and Productivity - Role of Public Investment and Capital Formation in Indian Agriculture - Strategy of Agricultural Development and Technological Progress - Sustainable Agriculture in India - Food Security: Nature of Food Problem</p>

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	Distribution in India-Seeds and Fertilizers.		<p>- PDS - Right to Food.</p> <p>Module-IV: Institutional and Technological Change in Indian Agriculture</p> <p>Land Reforms - Land Reform Measures - Achievements and failures of Land Reforms - Problems of Marginal and Small Farmers – Technical change in Indian Agriculture – Expansion of irrigation, use of HYV seeds, fertilizers, plant protection measures, Machinery and electricity in agriculture - Soil Conservation, Dry Farming, Land Reclamation and Development -Pricing of Inputs – Subsidies.</p> <p>Module-V: Agricultural Marketing, Prices and International Trade</p> <p>Market structure and imperfections; Regulated markets; Marketed and marketable surplus; Behaviour of agricultural prices – Cobweb model; State policy with respect to agricultural marketing; Terms of trade between agricultural and non-agricultural prices; Objectives of agricultural price policy – Instruments and evaluation - International trade in agricultural commodities – Trends and Patterns - Impact of World Trade Organisation on Indian agriculture</p>
COURSE CODE: PG34T 106B: INDUSTRIAL ECONOMICS	Module 1: Framework and Problems of Industrial Economics Concepts and Organization of Firm; Ownership, Control and Objectives of the Firm; Passive and Active Behaviour of the Firm; Market	COURSE CODE: PG34T 106B: INDUSTRIAL ECONOMICS (Specialization	Module-I: Framework and Problems of Industrial Economics Concepts and Organization of Firm; Ownership, Control and Objectives of the Firm; Passive and Active Behaviour

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(Specialization /Optional)	<p>Structure; Product Differentiation; Entry Conditions; Economies of Scale; Market Structure and Profitability; Theories of Industrial Location; Weber and Sargent Florence; Factors Affecting Location.</p> <p>Module 2: Market Conduct and Performance</p> <p>Product Pricing; Marginal Costing; Administered Pricing; Theories and Evidence; Investment; Expenditure; Theories and Empirical Evidence on Mergers and Acquisitions; Diversification, Size and Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth, Productivity, Efficiency and Capacity Utilization; Concept and Measurement.</p> <p>Module 3: Indian Industrial Growth and Pattern</p> <p>Classification of Industries; Industrial Policy in India; Role of Public and Private Sector; Recent Trends; Multinational Corporations and Transfer of Technology. Liberalisation and Privatization, Regional Industrial Growth in India; Industrial Concentration and Remedial Measures; Issues in Industrial Pollution and Environmental Preservation, Pollution Control Policies; Industrial Sickness.</p> <p>Module 4: Industrial Finance</p> <p>Role, Nature, Value and Types of Institutional Finance; IDBI, IFCI, ICICI, SFCs, SIDBI, and Commercial Banks. Profit and Loss Account; Assessment of Financial Soundness and Ratio Analysis.</p> <p>Module 5: Current Problems of Selected</p>	/Optional)	<p>of the Firm; Market Structure; Product Differentiation; Entry Conditions; Economies of Scale; Market Structure and Profitability; Theories of Industrial Location; Weber and Sargent Florence; Factors Affecting Location.</p> <p>Module-II: Market Conduct and Performance</p> <p>Product Pricing; Marginal Costing; Administered Pricing; Theories and Evidence; Investment; Expenditure; Theories and Empirical Evidence on Mergers and Acquisitions; Diversification, Size and Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth, Productivity, Efficiency and Capacity Utilization; Concept and Measurement.</p> <p>Module-III: Indian Industrial Growth and Pattern</p> <p>Classification of Industries; Industrial Policy in India; Role of Public and Private Sector; Recent Trends; Multinational Corporations and Transfer of Technology. Liberalisation and Privatization, Regional Industrial Growth in India; Industrial Concentration and Remedial Measures; Issues in Industrial Pollution and Environmental Preservation, Pollution Control Policies; Industrial Sickness.</p> <p>Module-IV: Industrial Finance</p> <p>Role, Nature, Value and Types of Institutional Finance; IDBI, IFCI, ICICI, SFCs, SIDBI, and Commercial Banks. Profit and Loss Account; Assessment of Financial Soundness and</p>

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	<p>Industries</p> <p>Iron and Steel, Cotton Textiles, Jute Textiles, Sugar, Coal, Cement and Engineering Goods Industries; Development of Small Scale and Cottage Industries in India.</p>		<p>Ratio Analysis.</p> <p>Module-IV: Current Problems of Selected Industries</p> <p>Iron and Steel, Cotton Textiles, Jute Textiles, Sugar, Coal, Cement and Engineering Goods Industries; Development of Small Scale and Cottage Industries in India.</p>
<p>COURSE CODE: PG34T 106C: ECONOMICS OF EDUCATION (Specialization /Optional) (It was shifted from 3rd Sem to 1st Sem)</p>	<p>Module 1: Human Capital and Development Concept and Origin of Human Capital; Components of Human Capital; Nexus between Human Capital, Physical Capital and Natural Capital; Theory of Investment in Human Capital; Concept and Dimensions of Human Development; Growth Accounting Equations of Denison and Schultz</p> <p>Model 2: Economics of Education Meaning of Economics of Education, Demand for Education–Private Demand and Social Demand; Determinants of Demand; Costs of Education–Expenditure on Education; Private Costs and Social Costs; Benefit of Education– Direct and Indirect Benefits; Private and Social Benefit; Cost–Benefit Analysis.</p> <p>Model 3: Educational and Manpower Planning Approaches to Educational Planning- Social Demand approach; The Rate of Return Approach; The Manpower Requirement Approach; The Tinbergen Model; The Bowels model; The Adelman Model</p> <p>Model 4: Educational Financing and Subsidies Resource Mobilization and Financing, the balance between the Public and Private Financing;; Pricing and Subsidies-The argument for Public</p>	<p>COURSE CODE: PG34T 106C: ECONOMICS OF EDUCATION (Specialization /Optional)</p>	<p>Module-I: Human Capital and Development</p> <p>Human Capital- Origin-Classical and Neo-Classical Approach, Concept, Components, Nexus between Human Capital, Physical Capital and Natural Capital; Theory of Investment in Human Capital; Concept and Dimensions of Human Development; Growth Accounting Equations of Denison and Schultz.</p> <p>Module -II: Economics of Education</p> <p>Economics of Education-Concept, Demand for Education, Private Demand and Social Demand; Determinants of Demand; Costs of Education–Expenditure on Education; Private Costs and Social Costs; Benefit of Education– Direct and Indirect Benefits; Private and Social Benefit; Cost–Benefit Analysis-Meaning, Tools (BCR, NPV and IRR), Limitations.</p> <p>Module-III: Educational and Manpower Planning</p> <p>Approaches to Educational Planning- Social Demand approach; The Rate of Return Approach; The Manpower</p>

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	<p>Subsidy, Effects of Educational Financing on Equity and Efficiency; Education and Labour Market – Effects of Education, Ability and Family Background on Earnings, Poverty and Income Distribution, Education and Employment (The Path Model Analysis).</p> <p>Module 5: Education and Economic Development in India</p> <p>Objectives of Educational Planning; A Review of Educational Development in India – Primary, Secondary, Vocational, Higher, Technical and Adult Education; Educational Policy in India; Expenditure on Education and Improvement in Literacy in India; Educational Development and Employment in India.</p>		<p>Requirement Approach; The Tinbergen Model; The Bowels model; The Adelman Model</p> <p>Module-IV: Educational Financing and Subsidies</p> <p>Resource Mobilization and Financing, the Balance between the Public and Private Financing; Pricing and Subsidies-The Argument for Public Subsidy, Effects of Educational Financing on Equity and Efficiency; Education and Labour Market – Effects of Education, Ability and Family Background on Earnings, Poverty and Income Distribution, Education and Employment (The Path Model Analysis).</p> <p>Module-V: Education and Economic Development in India</p> <p>Objectives of Educational Planning; A Review of Educational Development in India – Primary, Secondary, Vocational, Higher, Technical and Adult Education; New Educational Policy in India; Expenditure on Education and Improvement in Literacy in India; Educational Development and Employment in India.</p>
<p>COURSE CODE: PG34T 106D: REGIONAL ECONOMICS (Specialization /Optional)</p>	<p>Module 1: Concepts</p> <p>Why Regional Economics? What is a Region? Different Types of Regions; Regional Income; Problems of Estimation; Indicators of Regional Development.</p> <p>Module 2: Regional Growth</p> <p>Neo-Classical Growth Models; Cumulative Causation Model; Center-Periphery Model; Growth Pole Analysis; Convergence and Divergence of Disparities in Per Capita Regional Income;</p>	<p>COURSE CODE: PG34T 106D: REGIONAL ECONOMICS (Specialization /Optional)</p>	<p>Module-I: Introduction</p> <p>Definition and Scope of Regional Economics - Regional Economics as an Independent Field of Academic Enquiry; Region-Concept, Types of Region, Importance of Regionalization, Approaches to Regionalization, Globalization and Regionalization and Indicators of Regional Development.</p> <p>Module-II: Regional Growth</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Techniques of Regional Analysis.</p> <p>Module 3: Inter-regional Differentials in India's Development Regional Characteristics in India and Imbalances; Agriculture; Industry; Physical Infrastructure; Social Sector; Role of Planning Commission and Finance Commission in reducing regional imbalances. Liberalization and regional imbalances.</p> <p>Module 4: Regional Disparities in Karnataka Trends in the Level of Development and State Income; Inter-District Variations in the Rate of Development and Per Capita Income; Regional Disparities in Agriculture and Irrigation Development; Regional Disparities in Industrial Development and Industrial Dispersal Policies; Incentives for Development of Industries in Backward Areas; Banking and Regional Development; Economic Infrastructure and Regional Development.</p>		<p>Neo-Classical Growth Models; Cumulative Causation Model; Center-Periphery Model; Growth Pole Analysis; Convergence and Divergence of Disparities in Per Capita Regional Income; Techniques of Regional Analysis.</p> <p>Module-III: Inter-regional Differentials in India's Development Regional Characteristics in India and Imbalances; Agriculture; Industry; Physical Infrastructure; Social Sector; Role of Planning Commission and Finance Commission in Reducing Regional Imbalances; Liberalization and Regional Imbalances.</p> <p>Module-IV: Regional Economic Policy and Regional Planning</p> <p>Importance and Objectives of Regional Economic Policy - Formulation of Regional Economic Policy</p> <p>- Tools and Techniques - Implementation Mechanism and Limitations; Regional Planning - Backward Area Development Programmes - Institutional and Policy Framework for Removal of Regional Disparities - New Economic Policy and Regional Disparities.</p> <p>Module-IV: Regional Disparities in Karnataka Trends in the Level of Development and State Income; Inter-District Variations in the Rate of Development and Per Capita Income; Regional Disparities in Agriculture and</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			Irrigation Development; Regional Disparities in Industrial Development and Industrial Dispersal Policies; Incentives for Development of Industries in Backward Areas; Banking and Regional Development; Economic Infrastructure and Regional Development.
<p>COURSE CODE: PG34T 106E: HUMAN DEVELOPMENT (Specialisation / Optional Paper)</p> <p>(It was shifted from 2nd sem (compulsory subject) to 1st Sem (Optional))</p>	<p>Module 1: Introduction to Human Development</p> <p>Concept of Growth and Development; Growth with Equity and Social Justice; Inclusive Growth; Capabilities approach; Human Development: Concept, Measurement and Indicators –PQLI, HDI, IHDI, HPI, MPI, GDI, GII and GEM.</p> <p>Module 2: Economics of Education</p> <p>Human Capital: Concept and Components; Nexus between Human Capital, Physical Capital and Natural Capital; Theory of Investment in Human Capital; Education and Economic Development; Demand for Education–Private Demand and Social Demand; Determinants of Demand; Cost and Benefits of Education -Expenditure on Education: Magnitude, Trends and Impact; Financing of Education; Education Policy in India.</p> <p>Module 3: Economics of Health</p> <p>Concept, Determinants and Indicators of Health; Demand and Supply of Healthcare; Financing of Healthcare; Expenditure on Health-Health Status in India-Health Policy in India</p> <p>Module 4: Gender Issues and Economic Development</p> <p>Demographic Profile –Composition and Age Structure, Reproductive Health: Concept, Measurement and Management-Concept and Contribution of Women’s Work</p>	<p>COURSE CODE: PG34T 106E: HUMAN DEVELOPMENT (Specialisation/ Optional Paper)</p>	<p>Module-I: Introduction to Human Development</p> <p>Concept of Growth and Development; Growth with Equity and Social Justice; Inclusive Growth; Capabilities approach; Human Development: Concept, Measurement and Indicators –PQLI, HDI, IHDI, HPI, MPI, GDI, GII and GEM.</p> <p>Module-II: Economics of Education</p> <p>Human Capital: Concept and Components; Nexus between Human Capital, Physical Capital and Natural Capital; Theory of Investment in Human Capital; Education and Economic Development; Demand for Education–Private Demand and Social Demand; Determinants of Demand; Cost and Benefits of Education -Expenditure on Education: Magnitude, Trends and Impact; Financing of Education; Education Policy in India.</p> <p>Module-III: Economics of Health</p> <p>Concept, Determinants and Indicators of Health; Demand and Supply of Healthcare; Financing of Healthcare; Expenditure on Health-Health Status in India-Health Policy in India</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Gender Dimensions of Employment and Unemployment Feminization of Aging and Poverty.</p> <p>Module 5: Human Development in India</p> <p>Trends and Regional Patterns of HDI, HPI, MPI, GDI and GEM in India; Social Security Measures-Concept, Different Levels and Schemes; Analysis of ‘Safety Net’ Programmes in India; Review of Current HDI of India.</p>		<p>Module-IV: Gender Issues and Economic Development</p> <p>Demographic Profile –Composition and Age-structure, Reproductive Health: Concept, Measurement and Management-Concept and Contribution of Women’s Work-Gender Dimensions of Employment and Unemployment – Feminization of Aging and Poverty.</p> <p>Module-V: Human Development in India</p> <p>Trends and Regional Patterns of HDI, HPI, MPI, GDI and GEM in India; Social Security Measures-Concept, Different Levels and Schemes; Analysis of ‘Safety Net’ Programmes in India; Review of Current HDI of India.</p>
		<p>COURSE CODE: PG34T 106F: KARNATAKA ECONOMY (Specialisation/ Optional Paper)</p> <p>(New Course)</p>	<p>Module-I: Introduction</p> <p>Karnataka in the Indian Economy; Natural Resources; Trends in State Per-Capita Income; Indicators of Economic Development; Indicators of Human Development; Regional Disparity in District Human Development.</p> <p>Module-II: Agricultural Development</p> <p>Land-use Pattern in Karnataka-Trend in Area, Production, Major Crops- Regional Pattern of Agriculture Production-Horticultural/Plantation Crop, Vegetables-Fruits-Floriculture-Sericulture-Livestock Economy- Agricultural Marketing-Agricultural Finance- Agriculture Prices-Agrarian</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Crisis.</p> <p>Module-III: Industrial Development</p> <p>Industrial Structure (Major, Medium and MSMEMS) - policies and programmes- Industrial Finance-Co-operatives commercial Banks-RRB's-KSFC, SIDRP and KSIIDC.</p> <p>Module-IV: Infrastructure Development</p> <p>Present State of Development; Economic Infrastructure-Irrigation, Power, Transport and Communication; Social Infrastructure-Education and Health; Planning for Infrastructural Development.</p> <p>Module-V: Regional Disparities and State Finance</p> <p>Position and Extent, Causes and Consequences; the causes for backward area; criteria for Identification of Backward areas; Measures to reduce imbalance; Trends in sources of Finance; Revenue and non Revenue sources; Sharing of Central Taxes and Grants-in-Aid; Trends in Expenditure Pattern Development or non-development; Trends in indebtedness of the state.</p>
	M.A. ECONOMICS: IISEMESTER		
<p>COURSE CODE: PG34T 201: MICRO ECONOMIC</p>	<p>Module 1: Distribution</p> <p>Neoclassical Approach-Marginal Productivity Theory; Theory of Distribution in Imperfect Product and Factor Markets; ; Product Exhaustion Theorem; Determination of Rent, Wages, Interest and Profit;</p>	<p>COURSE CODE: PG34T 201: MICRO ECONOMIC</p>	<p>Module I: Theory of Distribution 14 Hours</p> <p>Functional v/s personal distribution - Neoclassical Approach - Marginal Productivity Theory – Factor pricing in perfectly competitive markets - The demand and supply for labour and</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
<p>ANALYSIS-II</p>	<p>Macro-Theories of Distribution- Marx, Kalecki and Kaldor.</p> <p>Module 2: Welfare Economics</p> <p>Pigovian Welfare Economics; Pareto Optimality Conditions; Kaldor-Hicksian Compensation Principle; Social Welfare Function; Arrow’s Impossibility Theorem; Theory of Second Best; Rawl’s Theory of Justice, Equity-Efficiency Trade-off; Maximisation of Social Welfare and Derivation of Grand Utility Possibility Frontier.</p> <p>Module 3: General Equilibrium</p> <p>Partial and General Equilibrium; Walrasian Excess Demand and Input-Output Approaches to General Equilibrium; Existence, Stability and Uniqueness of Equilibrium and General Equilibrium.</p> <p>Module 4: Economics of Uncertainty</p> <p>Individual Behaviors towards Risk; Expected Utility and Uncertainty; Risk and Risk Aversion; Gambling and Insurance; Economics of Insurance; Cost and Risk; Risk Pooling and Risk Spreading; Mean Variance Analysis and Portfolio Selection; Optimal Consumption under Uncertainty; Competitive Firm under Uncertainty; Factor Demand under Price Uncertainty;</p> <p>Module 5: Economics of Information</p> <p>Economics of Search—Different Models; Efficient Market Hypothesis; Stochastic Models of Inventory Demand; Markets with Asymmetric Information; Incomplete Information; Search and Transaction Costs; Economics of Information.</p>	<p>ANALYSIS-II</p>	<p>determination of factor price - Theory of distribution in imperfect product and factor markets - Elasticity of technical substitution - Technical progress and factor shares - Product exhaustion theorem - Determination of Rent, Wages, Interest and Profit - Macro-Theories of Distribution – Marx - Kalecki degree of monopoly and Kaldor theory.</p> <p>Module II: General Equilibrium</p> <p>12 Hours</p> <p>Interdependence in the Economy - Partial and General Equilibrium Analyses - Walrasian Excess Demand and Input - Output Approaches to General Equilibrium - Existence, Uniqueness and Stability of Equilibrium - Static Properties of General Equilibrium State: Equilibrium of Production and Equilibrium of Consumption - General Equilibrium and Allocation of Resources - Prices of Commodities and Factors - Factor Ownership and Income Distribution - Relationship between Relative Commodity and Factor Prices (Stolper-Samuelson Theorem) - Relationship between Output Mix and Real Factor Prices, Effect of Changes in Factor Supply</p> <p>Module III: Welfare Economics</p> <p>12 Hours</p> <p>Pigovian welfare economics; Pareto optimal conditions; Value judgement; Social welfare function; Compensation principle; Inability to obtain optimum welfare — Imperfections, market failure, decreasing costs, uncertainty and non-existent and incomplete markets; Theory of Second Best — Arrow’s impossibility theorem; Rawl’s theory of</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>justice, equity-efficiency trade off.</p> <p>Module V: Economics of Uncertainty 12 Hours</p> <p>Individual behaviours towards risk - Expected utility and uncertainty - Equivalence approaches - Risk and risk aversion - Sensitivity analysis - Gambling and insurance - Economics of insurance - Cost and risk - Risk pooling and risk spreading - Mean variance analysis and Portfolio selection- Optimal consumption under uncertainty - Competitive firm under uncertainty - Factor demand under price uncertainty.</p> <p>Module V: Economics of Information 10 Hours</p> <p>Economics of search - Different Models - Efficient market hypothesis - Stochastic models of inventory demand - Markets with asymmetric information - Incomplete Information - Search and transaction costs - Economics of information.</p>
<p>COURSE CODE: PG34T 202: MACRO ECONOMIC ANALYSIS- II</p>	<p>Module 1: Supply of Money</p> <p>Determinants of Money Supply Process; RBI Approach to Money Supply; High Powered Money and Money Multiplier; Budget Deficits and Money Supply; Money Supply and Open Economy; Control of Money Supply.</p> <p>Module 2: Demand for Money</p> <p>Classical Approach to Demand For Money – Quantity Theory Approach; Fisher’s Equation; Cambridge</p>	<p>COURSE CODE: PG34T 202: MACRO ECONOMIC ANALYSIS- II</p>	<p>Module-I: Theories of Money</p> <p>Walrasian and Non-Walrasian Approaches in Macroeconomics – the Classical Heritage – Says’ Equality and Says’ Identity – Walras’Law – Walrasian System – Patinkin and Real Balance Effect – Arrow – Debreu Model – Overlapping Generation Model of Samuelson – Cash in Advance Model of Clower.</p> <p>Module-II: Post-Keynesian Theories of Money</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Quantity Theory; Keynes's Liquidity Preference Approach; Transaction, Precautionary and Speculative Demand for Money; Aggregate Demand for Money; Derivation of LM Curve.</p> <p>Module 3: Post-Keynesian Demand for Money</p> <p>Post-Keynesian Approaches to Demand for Money; Patinkin and the Real Balance Effect; Approaches of Baumol and Tobin; Friedman and the Modern Quantity Theory; Crisis in Keynesian Economics and the Revival of Monetarism; Classical, Neo-Classical and Keynes's Views on Interest; the IS- LM Model; Extension of IS-LM with Government Sector; Relative Effectiveness of Monetary and Fiscal Policies; Extension of IS-LM Models with Labour Market and Flexible Prices.</p> <p>Module 4: Theory of Inflation</p> <p>Classical, Keynesian and Monetarist Approach to Inflation; Structuralist Theory of Inflation; Phillips' Curve Analysis; Short-run and Long-run Phillips' Curve; Samuelson and Solow; The Natural Rate of Unemployment Hypothesis; Tobin's Modified Phillips' Curve; Adaptive Expectations and Rational Expectations; Stagflation; Policies to Control Inflation.</p> <p>Module 5: Macro Economics in an Open Economy</p> <p>Mundell; Fleming Model; Asset Markets; Expectations and Exchange Rates; Monetary Approach to Balance of Payments; New Classical Macro Economics; The New Classical Critique of Micro Foundations; Policy Implications of New</p>		<p>Post-Keynesian Demand for Money Theories – Inventory Theory of Baumol – Portfolio Balance Theory of Tobin – Restatement of the Quantity Theory as a Theory of Demand for Money by Friedman – Supply of Money Theories – Money Multiplier Model – Behavioural Model of Money Supply – Endogenous Money Supply Theory.</p> <p>Module-III: Inflation: Theories and Policies</p> <p>Theories of Inflation - Demand-Pull and Cost-Push Theories of Inflation - Phillips Curve - Monetarist, Keynesian and New Classical Views on Inflation and Unemployment - Role of Aggregate Demand and Aggregate Supply Management - Monetary and Fiscal Policy Options. Inflation and Interest Rates: Real and Nominal Interest Rates - Fisher Effect - Nominal Interest Rate and the Demand for Money - Social Costs of Inflation - Hyperinflation - Classical Dichotomy.</p> <p>Module-IV: Modern Theories of Money</p> <p>Re-interpretation of Keynes by Clower and Leijonhufvud – The Dual Decision Hypothesis – Rationing Models of Barrow, Grossman and Malinvaud – Monetarist contributions – An Overview of Major Themes in Monetarism –Lucas' Surprise Supply Function – The Inter-temporal Substitution Model – Policy Ineffectiveness Argument – The Lucas Critique – Post Keynesian Macroeconomics – Basic Themes – The Historical Time Concept- Kalecki's Pricing Theory – The New Keynesian School – Micro Foundations of Macroeconomics – Small</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	Classical Approach; Empirical Evidence.		<p>Menu Cost Model – Implicit Wage Contract Model – Efficient Wage Theories – Insider-Outsider Model – The New Growth or Endogenous Growth Theory.</p> <p>Module-V: Open Economy</p> <p>Basic Concepts - Mundell; Fleming Model; International Flows of Capital and Goods - Saving and Investment in a Small Open Economy - Exchange Rates - A Case of a Large Open Economy (Example United States and India) - Equilibrium in an Open Economy - Influence of Policies on an Open Economy.</p>
<p>COURSE CODE: PG34T 203: ECONOMICS OF GROWTH AND DEVELOPMENT -II (It was Shited to from 3rd Sem to 1st Sem)</p>	<p>Module 1: Social and Institutional Aspects of Development Development and Underdevelopment; Perpetuation of Underdevelopment; Measuring Development and Underdevelopment, Development Gap; Poverty; Absolute and Relative; Per Capita Income, Inequality of Income, Human Development Index and other Indices of Development. Harris-Todaro Model of Development; Population as Limits to Growth; Population, Poverty and Environment; Economic Development and Institutions.</p> <p>Module 2: Sectoral Aspects of Development Role of Agriculture in Economic Development; Efficiency and Productivity in Agriculture; New Technology and Sustainable Agriculture; Globalisation and Agriculture Growth; Agricultural Price Policy; Industry and Economic Development; The Choice of Technology and Employment;</p>	<p>COURSE CODE: PG34T 203: ECONOMICS OF GROWTH AND DEVELOPMENT-II</p>	<p>Module-I: Development: Sectoral Aspects</p> <p>Agriculture and Economic Development - Efficiency and Productivity - Sustainable Agriculture - Globalization and Agriculture- Agricultural Development Policy - Rationale of Industrialization - Critical Issues in Industry Development - Terms of Trade between Agriculture and Industry - Industry Development Policy - Infrastructure and Economic Development - Critical Issues in Infrastructure Development - Infrastructure Development Policy - Information and Communication Technology.</p> <p>Module-II: Trade and Economic Development</p> <p>Trade and Economic Development - Trade as an Engine of Growth- Static and Dynamic Gains, Declining Terms of Trade -Prebisch - Singer and Myrdal’s Thesis - Trade Liberalization and Trade Policy Debate - WTO and Developing Countries -</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Infrastructure and importance.</p> <p>Module 3: Macro Economic Policies and Development Role of Monetary and Fiscal Policies in Developing Countries; Domestic Financing of Development; Inflation and Growth- Empirical Evidence; Foreign Direct Investment; MNC Activity in Developing Countries.</p> <p>Module 4: Allocation of Resources, Planning and Development Need For Investment Criteria in Developing Countries—Present Versus Future; Alternative Investment Criteria; Cost-Benefit Analysis; Shadow Prices; Need For Planning—Types of Planning; Review of Indian Plan Models and Planning. Role of Indian Planning in the era globalization.</p> <p>Module 5: Trade and Economic Development International Trade as Engine of Growth; Gains From Trade; Prebisch, Singer and Myrdal Thesis; Export-Led Growth; WTO and Developing Countries.</p>		<p>GATS.</p> <p>Module-III: Social aspects of Development</p> <p>Food Security - Health - Education and Nutrition - Population Problem - Theory of Demographic Transition - Population as limit to Growth and Ultimate Source - Human Resource Development - Social Capital - Population, Poverty and Environment - Environment Policy.</p> <p>Module-IV: Macro Economic Policies and Development</p> <p>Role of Monetary and Fiscal Policies in Developing Countries - Inflation and Economic Development - Resources Mobilization, Internal and External - Foreign Direct Investment, Multinational Corporations and Developing Countries.</p> <p>Module-V: Resources Allocation for Development</p> <p>Need for Investment Criteria in Developing Countries, Present vs Future, Alternative Investment Criteria - Cost Benefit-Analysis - Social Cost-Benefit Analysis - Shadow Prices - Project Appraisal-UNIDO Guidelines.</p>
<p>COURSE CODE: PG34T 204: STATISTICS FOR ECONOMICS</p> <p>(it was shifted)</p>	<p>Module 1: Sources of Data; Primary and Secondary Data; Schedules and Questionnaires; Meaning of Sampling and Sampling Techniques-Simple Random, Stratified and Systematic Random Sampling Methods; Tabulation and Frequency Distribution.</p> <p>Module 2: Measures of Central Tendency; Measures of Dispersion; Lorenz Curve; Coefficient of Variation; Probability and its</p>	<p>COURSE CODE: PG34T 204: STATISTICS FOR ECONOMICS</p>	<p>Module-I: Introduction to Statistics</p> <p>Types of Data - Nominal, Ordinal & Ratio Scale Data. Qualitative and Quantitative Data, Individual, Discrete and Continuous Data. Cross Section, Time Series and Pooled Data . Sources of Data; Descriptive Statistics and Inferential Statistics. Sources of Data- Primary and Secondary Data; Schedules and Questionnaires; Sampling- Meaning, Sampling Techniques-Simple Random, Stratified and</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
<p>from 1st sem to 2nd Sem)</p>	<p>Applications.</p> <p>Module 3: Correlation-Simple, Partial and Multiple Correlations; Measurement of Correlation; Rank Correlation; Regression Analysis; Regression Equations; Cause and Effect Relationship; Formulation of Statistical Hypotheses; Type I and Type II Errors; Some Statistical Tests of Significance, Z, T and F Tests and their Applications.</p> <p>Module 4: Analysis of Time Series; Components of Time Series- Trend, Seasonal, Cyclical and Irregular Variations; Estimation of Trend Values; Fitting of Straight Lines by Least Squares Method.</p> <p>Module 5: Index Numbers- Problems in the Construction of Index Numbers; Laspeyres', Pasche's and Fischer's Ideal Index Numbers; Wholesale Price Index Numbers and Cost of Living Index Numbers.</p>		<p>Systematic Random Sampling Methods; Tabulation and Frequency Distribution.</p> <p>Module-II: Measures of Average and Dispersion</p> <p>Measurement of Average - Arithmetic Mean, Geometric Mean, Harmonic Mean, Median, and Mode.</p> <p>Measures of Dispersion. Skewness and kurtosis.</p> <p>Module-III: Probability and Distribution</p> <p>Probability Theory - Concepts and Approaches to Estimate Probability - Probability Distribution Functions - Theoretical Distribution: Binomial, Poisson, Normal, t, Chi-Square & F Distribution.</p> <p>Theory of Estimation and Hypothesis Testing; Concept of Estimator - Sampling Distribution of Estimator, Point and Interval Estimation, Properties of Good Estimator for Small and Large Samples; Hypothesis Testing: Approaches to Hypothesis Testing; - Confidence Interval Approach, Test of Significance Approach, and P-Value Approach; Formulation of Hypothesis - Null and Alternative Hypothesis; Level of Significance - One Sided and Two Sided Hypothesis - Type-I and Type-II Error; Test Statistic- Critical Value - Parametric and Non-Parametric Tests.</p> <p>Module-IV: Correlation and Regression</p> <p>Correlation- Meaning and Types of Correlation - Measurement of Correlation. Regression- Simple Regression Model; Estimation - Least Squares Method, Goodness of Fit;</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Introduction to Multiple Regression.</p> <p>Module-V: Index Numbers & Time Series Analysis</p> <p>Nature and Purpose of Index Numbers; Types of Index Numbers- Simple and Aggregate Index Numbers: Laspeyre's Index, Paasche's Index, Marshall and Edgeworth's Index - Fisher's Index - Time Reversal and Factor Reversal Tests Problems of Construction of Index Numbers and Limitation of Index Numbers. Time series analysis- Nature and Components; Analysis of Trend - Moving Average Method and Least-Square Method</p> <p><i>{Practical Component: Graphical Presentation of Data: Tabular and Graphical Methods - Relative Frequency and Percentage - Frequency Distribution - Bar Graphs, Line Graph, Pie Charts, Histogram, Cumulative Distribution and Ogives}</i></p>
<p>COURSE CODE: PG34T 205A: AGRI-BUSINESS (Specialisation / Optional paper)</p>	<p>Module 1: Introduction to Agri-Business Meaning of Agri-business; Need for Agri-Business; Characteristics of Agri-Business in India; Commercialization of Agriculture leading to Agri-Business; Trends and Pattern and Factors</p> <p>Module 2: Agro-Processing in India Agro- Processing- Structure and Classification; Agro-Food Processing-Structure, Size and Growth; Features and Classification-Foodgrains/Pulse Milling, Milk and Milk Products, Fish and Poultry; Meat and Meat Products, Horticulture and Plantation- Fruits, Vegetables and Flowers; Coffee, Tea and Rubber and Spices; Oil Seed Processing ; Sugar Production; Agro-Non-food Processing-Textiles (Cotton, Silk and Jute), Leather and Leather</p>	<p>COURSE CODE: PG34T 205A: AGRI-BUSINESS (Specialisation/ Optional paper)</p>	<p>Module-I: Introduction to Agri-Business</p> <p>Meaning of Agri-business; Need for Agri-Business; Characteristics of Agri-Business in India; Commercialization of Agriculture leading to Agri-Business; Trends and Pattern of Agri-Business in India.</p> <p>Module-II: Agricultural Credit Institutions</p> <p>Introduction - Commercial Banks- Lead Bank Scheme - Multi-Agency Approach - Nationalization of Banks - Regional Rural Banks - National Bank for Agriculture and Rural Development (NABARD) - Reserve Bank of India</p> <p>- Government Policy for Agricultural Credit - Agricultural</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Products; Wood and Wood Products; Co-operative Processing Societies- Importance, Progress, Problems and Suggestions; Contract Farming in India</p> <p>Module 3: Agricultural Marketing Concept, Structure, Importance, Defects of Agricultural Markets in India; Functions of Agricultural Marketing- Packaging, Transportation, Grading and Standardization, and Storage and Warehousing; Role of Government in Promoting Agricultural Marketing in India; Promotion of Regulated Markets (APMCs)-Importance, Functions, Problems and Remedial Measures</p> <p>Module 4: Agricultural Prices Instability in Agricultural Prices-Causes and Effects and Fluctuations; Need for Stabilization in Agricultural Prices; Cobweb Model; Agricultural Price Policy in India-Need, Objectives, Origin and Development, Instruments, Limitations and Suggestions.</p> <p>Module 5: WTO and Agri-Exports International Trade in Agri-business- WTO and Agreement on Agriculture (AOA), Trends in Import and Export of Agricultural Commodities, Role of Multinational Corporations in Agri-exports; Agri-Export Zones in India- Importance, Functions, Progress, Problems and Prospects</p>		<p>Credit under Plans and Rural Credit in India - Farmers Service Societies.</p> <p>Module-II: Agricultural Marketing Concept, Structure, Importance, Defects of Agricultural Markets in India; Functions of Agricultural Marketing- Packaging, Transportation, Grading and Standardization, and Storage and Warehousing; Role of Government in Promoting Agricultural Marketing in India; Promotion of Regulated Markets (APMCs)-Importance, Functions, Problems and Remedial Measures.</p> <p>Module-IV: Agricultural Prices Instability in Agricultural Prices-Causes and Effects and Fluctuations; Need for Stabilization in Agricultural Prices; Agricultural Price Policy in India-Need, Objectives, Origin and Development, Instruments, Limitations and Suggestions.</p> <p>Module-V: WTO and Agri-Exports International Trade in Agri-business- WTO and Agreement on Agriculture (AOA), Trends in Import and Export of Agricultural Commodities, Role of Multinational Corporations in Agri-exports; Agri-Export Zones in India-Importance, Functions, Progress, Problems and Prospects</p>
<p>COURSE CODE: PG34T 205B: LABOUR ECONOMICS</p>	<p>Module 1: Labour Markets Nature and Characteristics of Labour Market; Paradigms of Labour Market Analysis; Classical, Neo-Classical and Modern Analysis of Demand and</p>	<p>COURSE CODE: PG34T 205B: LABOUR ECONOMICS</p>	<p>Module-I: Labour Markets Nature and Characteristics of Labour Market; Paradigms of Labour Market Analysis; Classical, Neo-Classical and Modern Analysis of Demand and Supply</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
(Specialization /Optional paper)	<p>Supply Forces; Demand For Labour in Relation to Size and Pattern of Investment; Supply of Labour in Relation to Growth of Labour Force; Labour Market Policies; Mobility and Productivity of Labour; Rationalization; Methods of Recruitment and Placement.</p> <p>Module 2: Employment</p> <p>Employment and Development Relationship; Poverty and Unemployment in Developing Countries; Unemployment; Concept, Types and Measurement (with reference to India); Impact of Rationalization; Technological Change and Modernization of Employment in Organised Private Industry; Employment in Public Sector Industry; Analysis of Educated Unemployment; Employment Policies in Five-Year Plans and Evaluation.</p> <p>Module 3: Wage determination</p> <p>Neo-Classical and Bargaining Theories of Wage Determination; Concepts of Minimum Wage, Living Wage and Fair Wage in Theory and Practice; Productivity and Wage Policy; Wage Boards in India; Bonus System and Profit Sharing.</p> <p>Module 4: Industrial Relations</p> <p>Growth and Structure of Labour Unions in India; Causes of Industrial Disputes; their Settlement and Prevention Mechanism; Role of tri-partitism; Current Trends in Collective Bargaining; Labour Legislation in India; Labour Management Relations.</p> <p>Module 5: State and Labour</p>	(Specialization /Optional paper)	<p>Forces; Demand For Labour in Relation to Size and Pattern of Investment; Supply of Labour in Relation to Growth of Labour Force; Labour Market Policies; Mobility and Productivity of Labour; Rationalization; Methods of Recruitment and Placement.</p> <p>Module-II: Employment</p> <p>Employment and Development Relationship; Poverty and Unemployment in Developing Countries; Unemployment; Concept, Types and Measurement (with reference to India); Impact of Rationalization; Technological Change and Modernization of Employment in Organised Private Industry; Employment in Public Sector Industry; Analysis of Educated Unemployment; Employment Policies in Five-Year Plans and Evaluation.</p> <p>Module-III: Wage Determination</p> <p>Neo-Classical and Bargaining Theories of Wage Determination; Concepts of Minimum Wage, Living Wage and Fair Wage in Theory and Practice; Productivity and Wage Policy; Wage Boards in India; Bonus System and Profit Sharing.</p> <p>Module-IV: Industrial Relations</p> <p>Growth and Structure of Labour Unions in India; Causes of Industrial Disputes; their Settlement and Prevention Mechanism; Role of tri-partitism; Current Trends in Collective Bargaining; Labour Legislation in India; Labour Management Relations.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>State and Social Security of Labour; Concepts of Social Security and its Evaluation; Labour Welfare in India; Child Labour; Female Labour and Gender Bias in Payment of Wages; Exit Policy; National Commission on Labour; Globalisation and Labour Market.</p>		<p>Module-V: State and Labour</p> <p>State and Social Security of Labour; Concepts of Social Security and its Evaluation; Labour Welfare in India; Child Labour; Female Labour and Gender Bias in Payment of Wages; Exit Policy; National Commission on Labour; Globalisation and Labour Market.</p>
<p>COURSE CODE: PG34T 205C: ECONOMICS OF HEALTH (Specialisation /Optional)</p>	<p>Module 1: Introduction of Health Economics Concept of Health, Economics of Health and Why Health Economics; Scope of Economics of Health; Health as Commodity; Determinants of Health– Poverty, Malnutrition and Environmental Issues; Indicators of Health; Nexus between Health and Economic Growth</p> <p>Model 2: Demand for Health Nature of Demand for Health, Determinants of Demand, Elasticity of Demand-Price and Income Elasticity; Models of Demand for Health</p> <p>Model: 3: Supply of Health Nature of Supply of Health; Health Production Function; Pricing of Health Care Services-Drugs, Hospitals; Cost of Health Care Services; Market Failure; Externalities and Public Goods</p> <p>Model 4: Financing and Evaluation of Health Care Services Health Delivery Systems in India- Public and Private Financing of Health Care; Health Insurance and Co-operatives-Concept, Schemes and</p>	<p>COURSE CODE: PG34T 205C: ECONOMICS OF HEALTH (Specialisation/ Optional)</p>	<p>Module-I: Introduction</p> <p>Health Economics-Concept, Importance of Health Economics; Scope of Economics of Health; Health as Commodity; Determinants of Health– Poverty, Malnutrition and Environmental Issues; Indicators of Health; Nexus between Health and Economic Growth.</p> <p>Module-II: Demand for Health</p> <p>Nature of Demand for Health, Determinants of Demand, Elasticity of Demand-Price and Income Elasticity; Models of Demand for Health</p> <p>Module-III: Supply of Health</p> <p>Nature of Supply of Health; Health Production Function; Pricing of Health Care Services-Drugs, Hospitals; Cost of Health Care Services; Market Failure; Externalities and Public Goods</p> <p>Module-IV: Financing and Evaluation of Health Care Services</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Progress; Expenditure on Health in India-Trends in Public and Private Expenditure; Public and Private Health Infrastructures; Evaluation of Health Services-Cost-Benefit Analysis (CBA), cost-Effectiveness Analysis (CEA), Cost-minimisation and cost-Utility analysis; Economic Reforms and Health Sector</p> <p>Model 5: Economic Development and Health Attainments in India</p> <p>Life Expectancy- Concept, male-female and rural-urban life expectancy; Regional Pattern of Life Expectancy; Infant Mortality Rate- Concept and Trends in Infant Mortality rates; Maternal Mortality Rate: Concept and Trends in Maternal Mortality Rates; Fertility Rate-Concept and Trends in Fertility Rates; Illness Prevalence Rate (IPR); Crude Birth Rate and Death Rates; Nexus between Health and Economic Development.</p>		<p>Health Delivery Systems in India- Public and Private Financing of Health Care; Health Insurance and Co-operatives-Concept, Schemes and Progress; Expenditure on Health in India-Trends in Public and Private Expenditure; Public and Private Health Infrastructures; Evaluation of Health Services-Cost-Benefit Analysis (CBA), cost-Effectiveness Analysis (CEA), Cost-minimisation and cost-Utility analysis; Economic Reforms and Health Sector</p> <p>Module-V: Economic Development and Health Attainments in India</p> <p>Life Expectancy- Concept, Male-female and Rural-urban Life Expectancy and Regional Pattern of Life Expectancy; Infant Mortality Rate- Concept and Trends and Determinants; Maternal Mortality Rate-Concept and Trends and Determinants; Fertility Rate-Concept and Trends in Fertility Rates; Crude Birth Rate and Death Rates; Nexus between Health and Economic Development; Swachh Bharat Abhiyan/Clean India Mission; Review of National Healthy Policy 2017.</p>
<p>COURSE CODE: PG34T 205D: URBAN ECONOMICS (Specialization /Optional</p>	<p>Module 1: Introduction to Urban Economics</p> <p>Urban Economics –Nature and scope-Process Urbanization-Factors initiating urbanization process –City stages-The economic theory of urban spatial structures –The concept of city structures: the concentric zone hypothesis urban land use: Models of household residential locational decision-Land use framework –Von Thunen: Income-related framework: Park-Burgess –Budget constraint models</p>	<p>COURSE CODE: PG34T 205D: URBAN ECONOMICS (Specialization /Optional paper)</p>	<p>Module-I: Introduction to Urban Economics</p> <p>Nature and Scope - Process of Urbanization-Factors initiating Urbanization process –City Stages-The Economic Theory of Urban Spatial Structures –The Concept of City Structures: the Concentric Zone Hypothesis –Urban Land-use: Models of Household Residential Locational Decision-Land-use Framework –Von Thunen: Income-related</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Allonso; Muth and Siegel.</p> <p>Module 2: Urban Growth</p> <p>Central place theory-Urban economic base and urban growth –The human ecological approach to urban growth City size and urban growth-the costs and benefits of city size –Urban size ratchet –Rank size rule.</p> <p>Module 3: Urbanization in India</p> <p>Trends in India’s Urbanization –Major trends and issues in India’s urbanization-Structure of urban growth Spatial distribution of urban population-Extent of urban sprawls</p> <p>Module 4: Urban Problems and Planning in India</p> <p>Urban housing and problems of slum up gradation Urban water supply and sanitation-urban transport-Urban environment-Measures to control pollution-Urban poverty and alleviation measures-Concept, need, objectives and techniques of urban planning-The master plan approach-The emerging planning issues</p> <p>Module 5: Urban Governance</p> <p>Urban government activity-Urban local bodies, structure and finances-Urban fiscal problems-Financing development of urban infrastructure-Management of urban infrastructure, the public-private partnership mechanism</p>		<p>Framework: Park-Burgess –Budget Constraint Models of Allonso; Muth and Siegel.</p> <p>Module-II: Theories Urban Growth</p> <p>Central Place Theory-Urban Economic Base and Urban Growth –The Human Ecological Approach to Urban Growth –City Size and Urban Growth-The Costs and Benefits of City Size –Urban Size Ratchet – Rank Size Rule - The Cost and Benefits of City Size - Optimum City Size.</p> <p>Module-III: Urbanization in India</p> <p>Trends in India’s Urbanization –Major Trends and Issues in India’s Urbanization-Structure of Urban Growth –Spatial Distribution of Urban Population-Extent of Urban Sprawls.</p> <p>Module-IV: Urban Problems and Planning in India</p> <p>Urban Housing and Problems of Slum-up Gradation-Urban Water Supply and Sanitation-Urban Transport-Urban Environment-Measures to Control Pollution-Urban Poverty and Alleviation Measures-Concept, Need, Objectives and Techniques of Urban Planning-The Master Plan Approach-The Emerging Planning Issues.</p> <p>Module 5: Urban Governance</p> <p>Urban Government Activity-Urban Local Bodies, Structure and Finances-Urban Fiscal Problems-Financing Development of Urban Infrastructure-Management of Urban</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
<p>COURSE CODE: PG34T 205E: GENDER AND DEVELOPMENT (Specialisation /Optional)</p> <p>(It was shifted from 4th sem to 2nd sem)</p>	<p>Module1: Introduction of Gender Studies</p> <p>Importance and Concepts of Women Studies Women in Patriarchal and Matriarchal Societies and Sprinters, Patrilineal and Matrilineal Systems and Relevance to Present Day Society in India- Economic Basis and Functioning of Patriarchy in Developed and LDCs, Particularly India -Women in Decision Making.</p> <p>Module 2: Demographic Aspects of Female Population in India</p> <p>Demography of Female Population, Age Structure, Mortality Rates and Sex Ratio- Causes of Declining Sex Ratios and Fertility Rates in LDCs and Particularly India</p> <p>Module 3: Conceptualization of Women’s Work</p> <p>Concept and Analysis of Women’s Work Valuation of Productive and Unproductive Work Visible and Invisible Work, Paid and Unpaid Work Economically Productive and Socially Production Work; Economic Status and Female Contribution to National Income</p> <p>Module 4: Women and Labour Market</p> <p>Factors Affecting Female Entry in Labour Market; Supply and Demand for Female Labour in Developed and Developing Countries; Particularly</p>	<p>COURSE CODE: PG34T 205E: GENDER AND DEVELOPMENT (Specialisation /Optional)</p>	<p>Infrastructure; The Public-Private Partnership Mechanism.</p> <p>Module-I: Introduction</p> <p>Basic Concepts - Difference Between Gender And Sex - Patriarchy - Feminism - Schools Of Feminism - Gender Division Of Work - Invisibility Of Women’s Work - Gender Mainstreaming - Concept Of Gender Economics - Gender Concerns In Economic Theory - Sen’s Contribution.; Women In Decision Making.</p> <p>Module-II: Demographic Aspects</p> <p>Demography of Female Population, Age Structure, Mortality Rates and Sex Ratio- Causes of Declining Sex Ratios and Fertility Rates in LDCs and Particularly India- Theories and Measurement of Fertility and its Control; Women and their Access to Nutrition, Health, Education, and Social and Community Resources, and their Impact on Female Mortality and Fertility, Economic Status, and Work Participation Rate (WPR) .</p> <p>Module-III: Economic Growth and Gender Equality</p> <p>Globalization Of The World Economy And Gender Status - Impact Of Economic Growth On Gender Equality - Gender Equality And Economic Growth And Socio-Economic Development. Impact Of Globalization On Gender Status - Concept Of The “Feminization Of Poverty” - Basic Causes - Problems Of Measuring The Feminization Of Poverty - Gender Differences In Incomes - Women’s Contribution To Gdp - Estimation Of Women’s Unpaid Work.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>India, Studies of Female Work Participation in Organized and Unorganized Sectors in India.</p> <p>Module 5: Gender Planning and Development Policies</p> <p>Gender and Development Indices Mainstreaming Gender into Development Policies Paradigm Shift from Women's Well Being to Women's Empowerment; Democratic Decentralization (Panchayats) and Women's Empowerment in India</p>		<p>Module-IV: Women, Technology and Environment</p> <p>Impact of Technological Development and Modernization on Women's Work Participation in General and in Various Sectors such as Agriculture, Non-Agriculture Rural Activities, Small and Cottage Industries and Organized Industry-Female Activities and Ecological and Environmental Concerns: The Two Way Relationship — Role of New Technologies for Helping Women-Provision of Information and Training for Simple Harvesting of Economic Services.</p> <p>Module-V: Gender Planning And Development Policies</p> <p>Gender And Development Indices; Mainstreaming Gender Into Development Policies; Paradigm Shift From Women's Well Being To Women's Empowerment; Democratic Decentralization (Panchayats) And Women's Empowerment In India; <i>Gender Budgets: Gender Budgeting - Methodology Of Gender Budget Preparation - Approaches And Principles Of Gender Budgeting - Experiences Of Different Countries In Gender Budgeting - Gender Budgeting In India And Karnataka.</i></p>
NEWS CPURSE		<p>COURSE CODE: PG34T 205F: HUMAN DEVELOPMENT IN KARNATAKA (Specialisation/</p>	<p>Module - I: Introduction to Economic Development</p> <p>Economic Growth (SGDP and District Income) and Social Change - Salient Features of Karnataka Economy - Civil Society and Democratic Polity - Growth in Population - Changes in Demographic Composition - Karnataka: A State</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
		<p>Optional) (NEWS CPURSE)</p>	<p>in Socio-Economic Transition.</p> <p>Module - II: Progress in Human Development</p> <p>HDI Ranking - Districts According to HDI Ranking - Variations in District HDI and their Implications - Income, Employment and Poverty in Karnataka - District Human Development Reports - Gram Panchayat Human Development Report - Brief Information; Analysis of Regional Variations - Framework for Human Development in Karnataka.</p> <p>Module -III: Education, Health, Nutrition and Family Welfare</p> <p>Growth of Education and Literacy since 1951 - Inter-District Disparities - Development of Higher Education and Associated Problems - Karnataka's Education Policy.</p> <p>Development of Health and Family Welfare Sector in Karnataka - Major Disease Burden - Health Programs - Family Welfare Programs - Problems - Nutrition and Food Security in Karnataka.</p> <p>Module -IV: Development of Social Sectors</p> <p>Housing, Water Supply and Sanitation Programmes - Inter-District Disparities - Problems - Need for Long-Term Approach.</p> <p>Module - V: People's Participation and Democratic</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Governance</p> <p>Development and Democratic Decentralization Process - Role of Panchayat Raj Institutions and Urban Local Bodies - Powers, Functions and Finances - People's Participation and Decentralized Planning - Emergence of Third Sector in Karnataka - NGOs and Government Organizations, Co-operatives and Civil Society - People's Movements for Environment Protection, Abolition of Online Lottery, Liquor Prohibition Etc., - Institutional.</p>
<p>COURSE CODE: PG34T 206: INDIAN ECONOMY (Open Elective Course)</p>	<p>Module 1: Features of Indian Economy and Planning.</p> <p>Characteristics of Indian Economy-Mixed Economy Structures and Growth of NI – Objectives, Strategies and advisements of planning in India Regional imbalances</p> <p>Module 2: Demographic Features and Infrastructure.</p> <p>Broad demographic features of Indian population –Rural–Urban migration-Urbanization –Poverty and inequality-Anti- Poverty Programmes –Physical and Social infrastructure</p> <p>Module 3: Agriculture and Industrial Development.</p> <p>Agricultural Production and Productivity: Institutional Factors in Agricultural Growth – Agricultural Credit-Marketing –Pricing-Agricultural-Policy-Technological change in agriculture-Structure and Growth of Industrial</p>	<p>COURSE CODE: PG34T 206: INDIAN ECONOMY (Open Elective Course)</p>	<p>Module-I: An Overview of Indian Economy</p> <p>Characteristics of Indian Economy; Demographic Features of Indian population; Trends in the growth of National Income; Green Accounting; Structural Changes in the Economy; Poverty and Inequality; Trends in Savings, Investment and Capital Output Ratio and their Implications; India's Development Experience; Planning and Development Strategies; Planning Commission to NITI Aayog; Parallel Economy and its Implications.</p> <p>Module -II: Agricultural Sector</p> <p>Agriculture-Importance; Cropping Pattern; Land Reforms; Farm size and efficiency; Agricultural Labour Problems; Mechanization and Green Revolution; Agricultural Finance and Rural Indebtedness and Farmers' Suicide; Agricultural</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Development –Small and Large Industries- Industrial Policy-Privatization and Disinvestment</p> <p>Module 4: Financial Sector and Economic Reforms.</p> <p>Commercial Banking System-Money and Capital Markets –Non-Banking Financial Intermediaries; Price trends in India-Monetary Policy of RBI Banking Sector Reforms</p> <p>Module 5: Government Finances and Trade</p> <p>Tax revenue and Non-Tax revenue –Pattern of Public Expenditure –Public debt-Fiscal reforms – Composition, Volume and Direction of India as foreign trade reforms –WTO and India</p>		<p>Marketing; Agricultural Price; Agricultural Co-operatives; Technological Factor in Agriculture Growth-Seeds Fertilizers, Irrigation; Food problem and Public Distribution System; WTO and Agriculture.</p> <p>Module -III: Industrial Sector</p> <p>Importance of Industrialization; Growth and Structural Composition; Structural Transformation; Small-Scale Industries- Role and Performance; Privatization and Public Sector, Private Sector Industries and their Performance and Problems; Industrial Labour; Industrial Finance; Development Banks; Capital Market; Industrial Monopoly; MRTTP; New Industrial Policy; Mergers and Takeover.</p> <p>Module -IV: Foreign Trade Sector</p> <p>Exchange Rate policy of India; Trends in India’s Foreign Trade; Balance of Payment; Problems of Policies; New Foreign Trade Policy; Export promotion V/S Import Substitution; Foreign Direct Investment in India; Globalisation and its impact on India’s Trade and Investment.</p> <p>Module -V: Financial Sector</p> <p>RBI; Money and Money Markets; Monetary Policy; Money Supply; Commercial Banks; Banking and Non-Banking Financial Sector; Financial Sector Reforms; Demonetisation</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			and its Impact.
M.A. ECONOMICS: III SEMESTER			
COURSE CODE: PG34T 301: PUBLIC ECONOMICS	<p>Module 1: Role of Government</p> <p>Role of Government in Organized Society – changing perspective – Government in a Mixed Economy – Allocation, Distribution and Stabilisation Functions of the Government – Private Goods, Public Goods & Merit Goods – Market Failure: Imperfections, Decreasing costs, Externalities –Public Goods as a Special case of Externalities – Principle of Maximum Social Advantage.</p> <p>Module 2: Public Choice</p> <p>Voting and Public choice – Public Mechanism for Allocating Resources – Problems in Allocating Resources – Problems of Preference Revelation and Aggregation of Preferences- Voting Systems- Arrow’s Impossibility Theorem- Sen’s Theory of social choice - Economic Theory of democracy- Politico- Economic-Bureaucracy Interaction – Rent Seeking and Directly Unproductive Activities.</p> <p>Module 3: Public Policy</p> <p>Rationale- Public Policy and Allocation of Resources – Voluntary Exchange Model- Impossibility of Decentralised Provision of Public Goods: Samuelson and Musgrave- Demand Revealing Schemes for Public Goods: Clarke, Grooves and Ledyard – Tiebout Model- Theory of Club Goods – Stabilisation: Keynesian case for Stabilisation Policy- Social Goals: Poverty Alleviation- Correcting Distributional Inequalities, Regional Imbalances.</p>	COURSE CODE: PG34T 301: PUBLIC ECONOMICS	<p>Module-I: Introduction</p> <p>Public Economics-Nature, Scope, Meaning and Evolution; Government-Powers, Fiscal Functions-Allocation, Distribution and Stabilisation and Role of Government in a Mixed Economy; Theory of Public Goods- Private Goods, Public Goods, Club Goods, Commons, Merit Goods and Demerit Goods; Public Goods and Market Failure; Public Goods as a Special case of Externalities and Market Failure; Principle of Maximum Social Advantage.</p> <p>Module-II: Public Choice and Policy</p> <p>Voting and Public Choice- Majority Voting rule, Problems in Allocating Resources and Aggregation of Preference Revelation; Alternative to Majority Voting Systems; Arrow’s Impossibility Theorem; Sen’s Theory of Social Choice; Economic Theory of democracy; Rent Seeking and Directly Unproductive Activities; Public Policy for Allocation of Resource-; Voluntary Exchange Model; Samuelson and Musgrave; Johansen Model; Clarke, Grooves and Ledyard Model; Tiebout Model- Theory of Club Goods.</p> <p>Module-III: Theories of Public Expenditure</p> <p>General Theories of Public Expenditure: Wagner’s Hypothesis; Peacock- Wiseman Hypothesis; Colin Clark</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Module 4: Public Expenditure</p> <p>Theories of Public Expenditure: Wagner’s Law of Increasing State Activities – Peacock- Wiseman Hypothesis - Expenditure Evaluation: Criteria for Public Investment, Social cost- Benefit Analysis- Project Evaluation- Estimation of costs, Discount Rate- Reforms in Expenditure Budgeting System- Zero Based Budgeting .</p> <p>Module 5: Public Revenue and Taxation</p> <p>Public Revenue: Sources and classification, taxation, tax elasticity and buoyancy, taxable capacity and tax effort, Theory of incidence; different concepts of incidence, benefits and ability to pay approaches, Taxation and Dead weight loss, Theory of optimal taxation, equity in taxation, direct and indirect taxes, effect of taxation on production and distribution.</p>		<p>Hypothesis; Expenditure Evaluation- Criteria for Public Investment- Social cost- Benefit Analysis; Reforms in Expenditure Budgeting System- Zero Based Budgeting.</p> <p>Module-IV: Public Revenue and Taxation</p> <p>Public Revenue: Sources and Classification, Taxation, Tax Elasticity and Buoyancy, Taxable Capacity and Tax Effort, Theory of Incidence; Different Concepts of Incidence, Benefits and Ability to Pay Approaches, Taxation and Dead Weight Loss, Theory of Optimal Taxation, Equity in Taxation, Direct and Indirect Taxes, Effect of Taxation on Production and Distribution.</p> <p>Module-V: Public Debt and Its Management</p> <p>Public Debt-Concept, Sources of Public Debt - Internal and External, Objectives, Reasons for Growing Public Debt; Classical and Modern Views on Public Debt, Burden of Public Debt; Public Borrowings and Price Level- Crowding out of Private Investment and Activity; Principles of Debt Management and Repayment.</p>
<p>COURSE CODE: PG34T 302: INTERNATIONAL TRADE AND FINANCE</p>	<p>Module 1: Theory of International Trade</p> <p>The Pure Theory of International Trade–Theories of Absolute Advantage, Comparative Advantage and Opportunity Costs; Empirical Testing of Absolute Cost and Comparative Cost – Heckscher – Ohlin Theory of Trade –A Model of Two Factor Economy; Leontieff Paradox. Theorems of Factor Price</p>	<p>COURSE CODE: PG34T 302: INTERNATIONAL TRADE AND FINANCE – I</p>	<p>Module-I: International Trade Theories-I</p> <p>Mercantilists Views on Trade - Trade based on Absolute Advantage- Adam Smith; Trade based on Comparative Advantage- David Ricardo; Mill’s Reciprocal Demand; Opportunity cost trade theory; Empirical Testing of Absolute Cost and Comparative Cost.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
-I	<p>Equalizations; Stolper-Samuelson Theorem- Rybczynski Theorem;</p> <p>Module 2: Neo- Technological Trade Theories Neo- Technological Trade Theories- Kravis, Posner, Linder and Vernon; Intra-Industry Trade Model, Krugman and Lancaster; Strategic Trade Policy Model- Krugman -Brander and Spencer.</p> <p>Module 3: Terms of Trade and Gains from Trade Terms of Trade as an Index of Gains from Trade; Equilibrium in Terms of Community Indifference Curves and Terms of Trade; Equilibrium in Terms of Trade – Offer Curves; Different Concepts of Terms of Trade; Factors Affecting Terms of Trade; Measurement of Terms of Trade; Gains From Trade.</p> <p>Module 4: International Trade Policy Instruments of Trade Policy-Tariffs, Classification of Tariffs, Effect of Tariffs; Optimum Tariff Quotas, Effect of Quotas; Tariffs Versus Quotas; Dumping; Other Instruments of Trade Policy.</p> <p>Module 5: Regional Economic Co-Operation Theory of Customs Union; Trade Creation and Trade Diversion Effects; ECM, EFTA, NAFTA and LAFTA.</p>		<p>Model-II: International Trade Theories-II Heckscher-Ohlin-Samuelson Trade Theory; Assumptions-Factor Intensity, Factor Abundance - Factor Endowments and Heckscher-Ohlin Theorem - Empirical Test of Heckscher-Ohlin Model- Leontief Paradox –Factor Price Equalization Theorem: Stolper-Samuelson Theorem;</p> <p>Economic Growth and International Trade; The Rybczynski Theorem - Technical Progress - Immiserizing Growth - Growth Changes Tastes and Trade in both Nations.</p> <p>Module-III: International Trade Theories-III Economies of Scale, Imperfect Competition, and International Trade- New Trade Theories- Economies of Scale and International Trade, Imperfect Competition and International Trade- Trade Based on Product Differentiation;</p> <p>Intra-Industry Trade- Trade Based on Dynamic Technological Differences- Costs of Transportation, Environmental Standards, and International Trade- Environmental Standards, Industry Location, and International Trade</p> <p>Module-IV: International Trade Policies Trade Restrictions; Tariffs - Partial Equilibrium Analysis of a Tariff - The Theory of Tariff Structure - General Equilibrium Analysis of a Tariff - The Optimum Tariff;</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Non-Tariff Trade Barriers and the New Protectionism: Import Quotas - Voluntary Export Restraints - Technical, Administrative and other Regulations; International Cartels and Dumping; The Political Economy of Protectionism and Strategic Trade and Industrial Policy; Outstanding Trade Problems.</p> <p>Module -V: Economic Integration</p> <p>Customs Unions and Free Trade; Introduction - Trade Creating Customs Union and Trade Diverting Customs Union, Static and Dynamic Benefits from Customs Union; History of Economic Integration - The European Economic Community, The European Free Trade Association and NAFTA; Attempts of Developing Countries towards Economic Integration – SAFTA and ASEAN</p>
<p>COURSE CODE: PG34T 303: RESEARCH METHODOLOGY AND DATA ANALYSIS</p>	<p>Module 1: Foundations of Research</p> <p>Scientific and Social Science Research-nature, objectives and limitations; Types and methods of research; Review of literature-Need for reviewing literature-sources of literature; Research Design Identification and conceptualization of a research problem-objectives and hypotheses.</p> <p>Module 2: Methods of Data Collection and Sampling</p> <p>Meaning and importance of data; Methods of collecting primary and Secondary data; Sampling techniques-sample size, Sampling error and problems in Sampling; tools of Data collection-schedules and questionnaires; Nature of field Work-pilot study-sampling frame and</p>	<p>COURSE CODE: PG34T 303: RESEARCH METHODOLOGY AND DATA ANALYSIS</p>	<p>Module -I: Introduction to Research Process 8 Hours</p> <p>Meaning of Research and Characteristics - Planning a Research - Stages of Research - Research Problem - Theoretical Foundation - Review of Literature - Objectives - Hypotheses - Types of Research: Pure and Applied Research - Qualitative, Quantitative and Mixed - Exploratory, Descriptive, Diagnostic, Evaluation, Action and Experimental Research - Historical Research - Surveys - Case Study - Field Study Need and Importance of Research in Economics - Applicability - Ethical issues in Research.</p> <p>Module -II: Data Sources and Methods of Data Collection 10 Hours</p> <p>Primary and Secondary Sources of Data; Quantitative Data -</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>sample selection.</p> <p>Module 3: Editing and Processing of Data Preparation for Analysis, Editing, Coding, Classification & Transcription of Data, Preliminaries for computerized data processing, Tabulation, construction of Frequency Table, Graphs/Charts/Diagrams</p> <p>Module 4: Statistical Analysis of Data Statistical Analysis of Data, Measures of Central Tendency, Dispersion, Relationship, Chi Square test, ANOVA, Testing of Hypothesis (Parametric and non parametric), Multivariate Analysis</p> <p>Module 5: Report writing Types of reports; Steps in report writhing; Format of the research report; Principles of writing; Documentation, foot notes and bibliography</p>		<p>Sources - Time Series Data - Cross Section Data and Pooled Data - Census, Reports and Documents, other Published and Unpublished Sources; Observation - Interview Method, Schedules and Questionnaires - Questionnaire Designing Procedure - Case Study, Projective Methods - Simulation - Merits and Demerits.</p> <p>Module -III: Sampling Considerations and Data Processing 12 Hours</p> <p><i>Sampling Considerations: Concepts - Sample vs Census - Principles of Sampling Design & Process - Types of Sample Design:</i> Probability Sampling Techniques: Simple Random, Stratified Random, Cluster and Multi-Stage and other Methods of Sampling. Non-Probability Sampling Techniques: Quota Sampling, Convenient Sampling, Purposive Sampling, Judgment Sampling and other Methods - Determination of Sample Size - Advantages and Disadvantages - Errors in Sampling.</p> <p><i>Data Processing:</i> Processing and Distribution - Field Work Validation - Tabulation - Editing - Coding - Classification and Tabulation of Data - Presentation - Graphical Representation.</p> <p>Module -IV: Data Analysis and Interpretation (Theoretical Exposure) 20 Hours</p> <p>Univariate and Multivariate Data Analysis - Descriptive v/s Inferential Analysis - Descriptive Analysis of Univariate Data and Bivariate Data - Testing of Hypotheses: Concepts, Steps</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>in Testing of Hypothesis.</p> <p><i>Estimation of Mean:</i> Test of Single Sample Mean - Two Independent Means Tests - Testing for Means of Paired Data - Testing for the Equality of K Population Means - Assumptions for ANOVA - Between Treatments Estimate of Population Variance - Within Treatments Estimate of Population Variance - Comparing the Variance of Estimates - The F Test - Multiple Comparison Procedures.</p> <p><i>Estimation of Variance:</i> Test of Single Sample Variance - Two Sample Variance Test.</p> <p><i>Non-Parametric Tests:</i> Advantages & Disadvantages - Chi-square tests - Tests for Randomness.</p> <p><i>Introduction to Advanced Data Analysis Techniques:</i> Correlation and Regression Analysis - Factor Analysis - Discriminant Analysis - Cluster Analysis - Multidimensional Scaling.</p> <p>Module - V: Report Writing and Presentation of Results 10 Hours</p> <p>Importance of Report Writing - Types of Reports: Brief Reports, Detailed Reports, Technical Reports and Business Reports - Report Preparation - Report Structure: Preliminary Section, Main Report - Interpretations of Results - Research Findings and Suggested Recommendations - Limitations of the Study, and End Notes - Report Writing: Report Formulation - Effective Documentation: Need and</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Guidelines: Presenting Tabular Data, Visual Representations: Tables, Graphs, Charts - Presenting Footnotes and Bibliography - Oral Presentation of Research.</p>
<p>COURSE CODE: PG34T 304: THEORY OF ECONOMETRICS</p>	<p>Module 1: The K-variable Linear Model- Assumptions, Estimation, (method of OLS), Properties of Estimation, Goodness of Fit, Coefficient of Determination R^2 and Adjusted R^2, Hypothesis testing.</p> <p>Module 2: Simultaneous- Equation Model- Nature, Simultaneous Equation Bias, Structural and Reduced Form of Models, The Identification Problems- Rules for Identification, Test for Simultaneity, Tests for Exogeneity.</p> <p>Module 3: Simultaneous Equation Methods- Approaches to Estimation-Recursive Models and OLS, The methods of IV, ILS, 2SLS, MLM(LIMLM, FIMLM)</p> <p>Module 4: Non-linear Regression- The Newton Raphsan Method, The Gauss-Newton Method Models of Expectations, Naïve Models, Adoptive Expectations Model, Rational Expectation Models</p> <p>Module 5: Time Series Econometrics- some basic concepts, Stochastic Process, Tests of Stationarity Unit Root</p>	<p>COURSE CODE: PG34T 304: THEORY OF ECONOMETRICS</p>	<p>Module-I: Introduction to Econometrics Meaning, Nature and Scope of Econometrics; Distinction between Economics and Econometrics; Mathematics and Econometrics, Statistics and Econometrics; Methodology of Econometrics ; Types of Econometrics.</p> <p>Module-II: Simple and Multiple Regression Model <i>Simple Regression-</i> Meaning, Basic Ideas, Significance of Disturbance Term. Method of Estimation: Ordinary Least Squares and Maximum Likelihood Estimation - Determination; Assumptions Hypothesis Confidence - Testing;- Significance Approach; Testing Regression Coefficients, Interpretation of R <i>Multiple Regressio-:</i> Meaning Three Variable Regression Coefficients, Method of Estimation R-Square and Adjusted R-Square; Individual Overall Significance ANOVA; Intr Regression Coefficient, Test; to</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	Test, Cointegration, ECM, Some Economic Applications		<p>Estimation of Parameters of more than Three Variables.</p> <p>Multicollinearity- Nature, Causes ,Consequences, Detection and Remedial Measures.</p> <p>Heteroscedasticity- Nature, Causes,Consequences, Detection and Remedial Measures.</p> <p>Auto-Correlation- Nature, Causes, Consequences, Detection and Remedial Measures.</p> <p>Module-IV: Dummy Variable and Dynamic Regression Models</p> <p><i>Dummy Variable Model</i>- Meaning, Nature, Dummy Variable Trap; Dummy Variable Model with Single Qualitative Variable, Two Qualitative Variables; Dummy Variable Model with Mixture of Qualitative and Quantitative Variables.</p> <p><i>Autoregressive and Dynamic Models</i>-Role of Lag in Economics, Estimation Methods, Koyck's:</p> <p>Adaptive Adjustment and Partial Expectation Models; Almon Approach to Distributed Lag Models.</p> <p>Nature, Simultaneous Equation Bias, Identification; Under - Exact - Over Identification; Rules of Identification - Order and Rank Condition of Identification; Estimation of Simultaneous Equations Models- ILS, 2SLS, 3SLS, LIMLE, FIMLE.</p>
COURSE CODE: PG34T	Module 1: Nature and Scope of Rural Development	COURSE CODE: PG34T 305A:	Module-I: Nature and Scope of Rural Development

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
<p>305A: RURAL DEVELOPMENT (Specialization /Optional paper) (It was shifted from 1st sem to 3rd sem)</p>	<p>Need for Rural Development; Concept, Objectives and Indicators of Rural Development; Characteristics of Rural Economy</p> <p>Module 2: Theories and Approaches to Rural Development Unbalanced Growth Theory; Dualistic Models of Development- Lewis Model and Fei and Ranis Model; Approaches to Rural Development in India</p> <p>Module 3: Poverty and Unemployment in Rural India Rural Poverty and Unemployment – Concept, Measurement, Extent, Regional Pattern and Causes of Poverty and Unemployment- Review of Poverty Alleviation and Employment Generation Programmes in India.</p> <p>Module 4: Diversification of Rural Economy Importance of Agriculture and Allied Activities in Rural Development; Rural Non-Agricultural Employment in India- Importance, Growth, Regional Pattern and Determinants; Rural Industrialisation-Importance, Programmes, Progress and Problems of Small- Scale Industries (SSI) and Remedial Measures</p> <p>Module 5: Infrastructures for Rural Development Rural Infrastructures- Meaning, Classification, Importance, Problems; Educational and Health infrastructure; Housing and Sanitation; Drinking Water Supply; Rural Energy; Rural Transport and Communication; Rural Electrification</p>	<p>RURAL DEVELOPMENT (Specialization /Optional paper)</p>	<p>Need for Rural Development; Concept, Objectives and Indicators of Rural Development; Characteristics of Rural Economy; and Rural-Urban Linkage</p> <p>Module-II: Theories and Approaches to Rural Development Unbalanced Growth Theory; Dualistic Models Of Development- Lewis Model And Fei And Ranis Model; Approaches To Rural Development In India</p> <p>Module-III: Poverty and Unemployment in Rural India Rural Poverty-Concept, Poverty Line, Measurement, Poverty Trends, Regional Pattern of Poverty and Causes of Poverty; Unemployment- Concept, Measurement, Trends, Regional Pattern and Causes of Unemployment; Review of Current Poverty Alleviation and Employment Generation Programmes in India.</p> <p>Module-IV: Transferring Rural Economy Importance of Agriculture and Allied Activities in Rural Development; Rural Non-Agricultural Employment in India- Importance, Growth, Regional Pattern and Determinants; MSMEs-Concept, Classification Importance, Progress, Problems and Remedial Measures; Rural Industrialisation-Importance, Programmes, Progress and Problems of Small- Scale Industries (SSI) and Remedial Measures</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Module-V: Infrastructures for Rural Development</p> <p>Rural Infrastructures- Meaning, Classification, Importance, Problems; Educational and Health infrastructure; Housing and Sanitation; Drinking Water Supply; Rural Energy; Rural Transport and Communication; Rural Electrification</p>
<p>COURSE CODE: PG34T 305B: FINANCIAL INSTITUTIONS AND MARKETS-I</p> <p>(It was shifted from 2nd sem to 3rd sem)</p>	<p>Module 1: Primary Markets</p> <p>Instruments; Debentures; Credit Rating of Debt Instrument; Equity Shares; Preference Shares; Public Issue of Securities; Underwriting Public Issues through Prospectus; Venture Capital.</p> <p>Module 2: Secondary Market and Stock Exchanges</p> <p>Growth of Stock Exchanges; Stock Brokers; Functions of Stock Exchange; Trading in Stock Exchanges; Margin Trading; Regulation Relating to Stock Exchanges; National Stock Exchanges- Bombay Stock Exchange, Calcutta Stock Exchange, OTCEI.</p> <p>Module 3: Markets for Futures Options and Financial Derivatives.</p> <p>Introduction, Derivatives: Meaning, Types and Uses. Futures Valuation or Pricing of Derivatives. Derivatives Markets Abroad Growth and Structure. Critique of Derivatives. Derivatives in India: Prospects and Policy.</p> <p>Module 4: Foreign Exchange Market</p> <p>Exchange Control Regimes- Fixed Exchange Rate V/s Floating</p>	<p>COURSE CODE: PG34T 305B: FINANCIAL INSTITUTIONS AND MARKETS-I</p>	<p>Module-I: Financial Markets</p> <p>Money Market: Introduction - Functions, Efficiency - The Indian Money Market-Role of RBI in the Money Market - Money Market Centres - Steps to Develop Money Market in India - Money Market Instruments - Treasury Bills, Commercial Paper, Commercial bills, Certificates of Deposit, Call/Notice Money Market, Money Market Derivatives - Collateralised Borrowing and Lending Obligation (CBLO)</p> <p>- Link between the Money Market and the Monetary Policy in India - Tools for Managing Liquidity in the Money Market.</p> <p>Module-II: Capital Market</p> <p>Introduction, History, Functions, Types, Scams and Reforms - The Primary Market - Introduction, Free Pricing Regime and Book Building - New Issue Mechanism in India, Primary Issues, and Resource Mobilization form the Primary Market,</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Exchange Rate; Exchange Rates in India; Exchange Contr India- FERA 1974; Liberalised Exchange Rate Manager System 1992; Current Account Convertibility; Committe Capital Account Convertibility; Trading in Foreign Exch Market; Impact of Technology on Trading; Speculation.</p> <p>Module 5: International Financial Markets</p> <p>Nature, Organization and Participants; Exchange Rates, Devaluation and Depreciation; International Financial Flows; International Liquidity; Lending Operation of the World Bank; Working of International Development Agency and International Finance Corporation; Growth of Regional Financial Institutions- Asian Development Bank, Euro- Dollar and Euro-Currency Markets.</p>		<p>Mutual Funds.</p> <p>Module-III: Secondary Market</p> <p>Introduction, Stock Exchanges National and Regional - Measures to boost Liquidity in the Secondary Market - Market Making System - Impact of Reforms and Measures on Secondary Market Activities.</p> <p>Module-IV: Derivatives Market and Debt Market</p> <p>Derivatives Market: Introduction - Forwards and Futures - Futures Trading Strategies - Options - Trading Strategies - Derivatives Market in India - Derivatives Trading in India.</p> <p>Debt Market: Introduction - Private Corporate Debt Market - Public Sector Undertaking Bond Market - Government Securities Market.</p> <p>Module -V: New Financial Instruments</p> <p>New Financial Instruments - Meaning - Floate Rate Bonds - Zero Interest Bonds - Deep Discount Bonds - Revolving Underwriting Finance Facility (RUFF) - Auction Rated Debentures (ARD) - Secured Premium Notes (SPNs) with Detachable Warrants - Non-Convertible Debentures (NCDs) with Detachable Equity Warrants - Tradable Warrants -</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			Fully Convertible Debentures - Domestic Convertible Bonds - Differential Shares - Securitized Paper - Collateralized Debt Obligations (CDO) - Inverse Float and Perpetual Bonds - Municipal Bonds.
COURSE CODE: PG34T 305C: DEMOGRAPHY (Specialization /Optional)	<p>Module 1: Nature and Scope of Demography-Basic Concepts in Demography; Population Theories- Pre- Malthusian, Malthusian and Post- Malthusian Theories; Theory of optimum Population; Theory of Demographic Transition.</p> <p>Module 2: Fertility, Nuptiality and Mortality -Factors Accounting for Changes in fertility and Mortality in the developed (DCs) Countries and Less Developed (LDCs) Countries; Infant Mortality- Characteristics of Infant Mortality Factors Affecting, Foetal and Infant Mortality.</p> <p>Module 3: Migration and Urbanization – Basic Concepts, Importance of Migration in the Study of Population; Types of Migration – Levels, Trends and Differentials in the DCs and LDCs</p> <p>Module 4: Effect of In-migration and Out-migration on the Growth of Population- Factors Affecting Migration-Theories Concerning Internal Migration-Urbanization , Todaro Model: Distribution and</p>	COURSE CODE: PG34T 305C: DEMOGRAPHY (Specialization /Optional)	<p>Module-I: Introduction</p> <p>Meaning, Nature and Scope of Demography; Population Theories- Pre- Malthusian, Malthusian and Post-Malthusian Theories; Theory of optimum Population; Theory of Demographic Transition.</p> <p>Module-II: Fertility and Mortality</p> <p>Meaning and Measurement of Fertility, Factors Affecting Fertility in the Developed and Less Developed Countries; Mortality-Meaning and Measurement of Mortality- Factors Affecting Fertility in the Developed and Less Developed Countries; Infant Mortality-Meaning and Measurement of Infant Mortality and Factors Affecting Fertility in the Developed and Less Developed Countries.</p> <p>Module-III: Migration and Urbanization</p> <p>Meaning and Importance of Migration in the Study of Population; Types and Causes of Migration – Levels, Trends and Differentials in the DCs and LDCs; Urbanization-Meaning, Process of urbanization, Reasons</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Growth of Urban and Rural Population in DCs and LDs; Levels and Trends of Urbanization in DCs and LDCs and Particularly in India.</p> <p>Module 5: Population Policies and their Impact on Fertility in DCs and LDCs; Nature, Scope and Need for Population Education; Demographic Trends in India; Population of India from 1971 to 2001 Censuses; and Family Welfare Programmes in India; The New Population Policy of India.</p>		<p>for Growing Urbanization and Impact of Urbanization.</p> <p>Module-IV: Effects of In-migration and Out-migration</p> <p>Effect of In-migration and Out-migration on the Growth of Population- Factors Affecting Migration- Theories Concerning Internal Migration-Urbanization , Todaro Model: Distribution and Growth of Urban and Rural Population in DCs and LDs; Levels and Trends of Urbanization in DCs and LDCs and Particularly in India.</p> <p>Module-V: Population Policies in India</p> <p>Population Policies and their Impact on Fertility in DCs and LDCs; Nature, Scope and Need for Population Education; Demographic Trends in India; Population of India from 1971 to 2011 Censuses; and Family Welfare Programmes in India; The New Population Policy of India.</p>
<p>COURSE CODE: PG34T 305D: ENVIRONMENTAL ECONOMICS (It shifted from 4th Sem (compulsory) to 3rd Sem (optional))</p>	<p>Module 1: Elements Environmental Economics Meaning, Nature and Scope of Environmental Economics; Elements of Ecology; Interaction Between Ecological and Economic Systems; Environment-Development-Poverty Nexus; Sustainable Development-Concept and Operationalisation</p> <p>Module 2: Economics of Natural Resource Use Resource Taxonomy; Economics of Exhaustible Resources- Scarcity Rents, Hotelling's Theory of Optimum Depletion and Recent Developments; Economics of Renewable Resources; Resource Scarcity as Limits to Growth; Pricing of</p>	<p>COURSE CODE: PG34T 305D: ENVIRONMENTAL ECONOMICS</p>	<p>Module-I: Elements of Economics of Environment</p> <p>Meaning, Nature and Scope of Environmental Economics; Elements of Ecology; Interaction between Ecological and Economic Systems; Environment-Development-Poverty Nexus; Sustainable Development-Concept and Operationalisation</p> <p>Module-II: Economics of Natural Resource Use</p> <p>Resource Taxonomy; Economics of Exhaustible Resources- Scarcity Rents, Hotelling's Theory of Optimum Depletion and Recent Developments; Economics of Renewable</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Resources; Energy and Economic Development</p> <p>Module 3: Environmental Pollution (with special reference to India) Pollution as Externality; Extent, Causes and Consequences of Degradation of Land, Water, Forests and Air; Common Property Resources – Contributions and Management; Pollution Abatement; Theory of Environmental Regulation-Property Rights Approach, Pigovian Taxes, Command and Control Versus Market Based Instruments, Standards, Quotas, Tradable Permits; Environmental Regulation System in India- Design, Monitoring and Enforcement.</p> <p>Module 4: Valuation of Environment Meaning; Alternative Methods of Valuing Costs of Environmental Damage and Benefits of Environmental Improvement- Objective, Subjective, Direct and Indirect Valuation Methods; Environmental Impact Assessment; Integrated Economic and Environmental Accounting.</p> <p>Module 5: Global Environmental Issues Global Summits; Issues in International Trade and Environment; Climate Change-Extent, Impact, Adjustment and Mitigation; Global Environment Facility; Loss of Bio-diversity.</p>		<p>Resources; Resource Scarcity as Limits to Growth; Pricing of Resources; Energy and Economic Development; Loss of Bio-diversity</p> <p>Module-III: Environmental Regulation</p> <p>Market Failures - Externalities – Meaning and Types - Divergence between Social Cost and Private Cost - Market Failure – Internalization of Externalities - Pigouvian Solution - Coase’s Theorem and Its Critique - Property Rights Collective Action —Public Goods and Externalities - Free Rider Problem – Tragedy of the Commons; Theory of Environmental Regulation- Command and Control Versus Market Based Instruments, Standards, Quotas, Tradable Permits;</p> <p>Module-IV: Environmental Pollution and Management</p> <p>Extent, Causes and Consequences of Degradation of Land, Water, Forests and Air; Common Property Resources – Contributions and Management; Pollution Abatement; Climate Change-Extent, Impact, Adjustment and Mitigation; Issues in International Trade and Environment; People’s participation in management of natural resources (water and trees); Environmental Regulation System in India- Design, Monitoring and Enforcement; Environmental Ethics</p> <p>Module-V: Valuation of Environment</p> <p>Use values; Option values and non-use values; Valuation methods-Methods based on observed market behaviour; Hedonic property values and household production</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			models (travel cost method and household health production function), Methods based on response to hypothetical markets, contingent valuation methods; Environmental Impact Assessment; Integrated Economic and Environmental Accounting.
New Course		COURSE CODE: PG34T 305E: THEORY OF CO-OPERATION (Specialisation/ Optional paper) New Course	<p>Module-I: Introduction</p> <p>Concept of Co-operation - Definition - Scope - Importance of Co-operation - Economic Benefits, Social Benefits, and Moral Benefits of Co-operation - Evolution of Co-operation - Principles of Co-operation - A Critical Evaluation of Co-operative Principles – Co-operative Values.</p> <p>Module-II: Structure of Co-operatives</p> <p>Theoretical and Structural Aspect of Co-operative Organisations - Small Size Vs Large Size, Limited vs Unlimited Liability, Federal vs Unitary Structure - Formal and Informal Co-operation; Co-operatives as an Organization- Co-operative Society as a Business Organization - Differentiation with other Forms of Organizations such as: Capitalism, and Socialism - Place of Co-operatives in a Planned Economy.</p> <p>Module-III: Evolution and Models of Co-operation</p> <p>Models of Co-operation - Evolution of Co-operative Principle - Rochdale Principles - ICA Principles-1937, 1966, 1995 - Raiffeisen Mode I- Schulze-Delitzsch Model and Rochdale</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Model; Co-operation and Other Economic Systems: Capitalism, Socialism and Mixed Economy, Co-operation versus Capitalism and Socialism.</p> <p>Module-IV: Contributions to Co-operatives</p> <p>Co-operative Doctrines - Ancient and Modern Form of Co-operation - Utopian Co-operative doctrines - Robert Owen, Dr. William King and Charles Fourier - Socialistic Ideas and Co-operation - Theory of Consumer Socialism, A Theory of Workers Control of Co-operatives - Contribution of G.D.H. Cole and Charles Guide-Fair Price Theory.</p> <p>Module-V: State and Co-operation</p> <p>Different forms of State aid - Advantages and Limitations of state aid - Officials and Non-officials in Co-operative Movement.</p>
New Course		<p>COURSE CODE: PG34T 305F: ECONOMICS OF INFRASTRUCTURE (Specialisation/Optional) New Course</p>	<p>Module-I: Introduction</p> <p>Meaning; Infrastructure and Economic Development; Infrastructure as a Public Good; Special Characteristics of Public Utilities – The Peak Load, Off-load Problem, Dual Principle Controversy, Economies of Scale, Pricing of Infrastructure Services; State’s Role in Infrastructure Development – Rationale and Strategy.</p> <p>Module-II: Economic Infrastructure</p> <p>Concept and Significance; Role of Transport (Road, Air, and Marine), Communications, Irrigation, and Information in</p>

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			<p>Development; Development of Economic Infrastructure in India; Sector Specific Problems – Problems of Individual Modes of Transport – Inter-modal Co-ordination; Financing and Pricing Problems</p> <p>Module-III: Energy Economics</p> <p>Primacy of Energy in the Process of Economic Development; Factors Determining Demand for Energy; Effects of Energy Shortages; Energy Conservation; Renewable and Non-conventional Sources of Energy; The Search for an Optimal Energy Policy in India.</p> <p>Module-IV: Social Infrastructure</p> <p>Concept and Significance; Social Infrastructure and Human Development; Development of Social Infrastructure in India; Financing and Pricing Problems; Sector-specific Problems – Housing, Education, Health, Drinking Water Supply and Sanitation.</p> <p>Module-V: Commercialization of Infrastructure</p> <p>Need for Commercialization; Strategies for Commercialization – Corporatization, Privatization; Public-Private Provision of Social services; Problems in Commercialization – Financing, Pricing, Risk Management, Users’ Involvement; State’s Role in Infrastructure Reforms.</p>
<p>COURSE CODE: PG34T 306: KARNATAKA</p>	<p>Module 1: Introduction Karnatak in the Indian Economy-Natural Resources-Trends in State income and Per-capita income-Net District product-Human Development in Karnataka-</p>	<p>COURSE CODE: PG34T 306: KARNATAKA ECONOMY</p>	<p>Module-I: Introduction Karnataka in the Indian Economy; Natural Resources; trends</p>

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<p>ECONOMY (Open Elective Course)</p>	<p>Anti-Poverty and Employment generation Programmes.</p> <p>Module 2: Agricultural Development Land use Pattern in Karnataka-Trends in Area, Production and yield of Major crops-Regional Pattern of Agricultural Production – Horticultural/plantation crops, Vegetables, Fruits-floriculture-Sericulture-Live Stock economy-An analysis of Factors of agriculture growth (Institutional and Technological)-Agrarian Crisis.</p> <p>Module 3: Industry and Infrastructure Industrial Development –Major industries of Karnataka-Policies and Programmes Power-Availability and crisis-Financial Institutions-Co-operatives, Commercial banks-RRBs-KSFC and KSIIDC-IT industry in Karnataka.</p> <p>Module 4: State Finances Trends in source of Finance-Revenue and Non-Revenue Sources-Sharing of Central Taxes and Grants-in aid-Trends in Expenditure Pattern-Development and Non-Development-Trends in Indebtedness of the State</p> <p>Module 5: Regional Imbalances and Planning Extent of Disparities, causes and consequences-Concept of Backward Area-criteria and Identification of backward areas-Measures to reduce imbalances – High Power Committee Recommendations-Objectives and Strategies of planning-Targets and</p>	<p>(Open Elective Course)</p>	<p>in state per-capita income; Net District; Indicators of Economic Development; ; Indicators of Human Development.</p> <p>Module-II: Agricultural Development Land Use Pattern in Karnataka-Trend in Area, Production, Major Crops- Regional Pattern of agriculture Production-Horticultural/Plantation Crop, Vegetables-Fruits-Floriculture-Sericulture-Live Stock Economy- Agricultural Marketing-Agricultural Finance- Agriculture Prices-Agrarian Crisis.</p> <p>Module-III: Industrial Development Industrial Structure (Major, Medium and MSMEMS) - policies and programmes- Industrial Finance-Co-operatives commercial Banks-RRB’s-KSFC, SIDRP and KSIIDC.</p> <p>Module-IV: Infrastructure Development Present State of Development; Economic Infrastructure-Irrigation, Power, Transport and Communication; Social Infrastructure-Education and Health; Planning for Infrastructural Development.</p> <p>Module-V: Regional Disparities and State Finance</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	achievements of plans- Decentralized planning in Karnataka-Panchyat Raj-Planning machinery-Financing and Implementation.		Position and Extent, Causes and Consequences; the causes for backward area; criteria for Identification of Backward areas; Measures to reduce imbalance; Trends in sources of Finance; Revenue and non Revenue sources; Sharing of Central Taxes and Grants-in-Aid; Trends in Expenditure Pattern Development or non-development; Trends in indebtedness of the state.
M.A. ECONOMICS: IV SEMESTER			
COURSE CODE: PG34T 401: INDIAN PUBLIC FINANCE	<p>Module 1: Taxation in India</p> <p>Structure and Trends in Tax Revenue– Direct and Indirect taxes – Direct tax code. Indirect taxes – value added tax, service tax and goods and services tax– Tax reforms in India – Review of earlier committees and evaluation of Kelkar and Chellaiah Committees.</p> <p>Module 2: Public expenditure in India</p> <p>Structure and trends – Causes for increase in public expenditure – Expenditure control and accountability – Fiscal Responsibility and Budget Management Act – Budgeting the public expenditure – Expenditure evaluation – Issues in public expenditure: Equity, Efficiency, Welfare and Social Security – Reforms in Public Expenditure in India – Public Private Participation.</p> <p>Module 3: Public Debt</p> <p>Classical and Modern Views on Public Debt- Sources of Public Debt - Internal and External - Burden of Public Debt- Public Borrowings and Price Level- Crowding out of Private Investment and Activity- Principles of Debt Management and Repayment – Trends, Structure and</p>	COURSE CODE: PG34T 401: INDIAN PUBLIC FINANCE	<p>Module-I: Public Revenue</p> <p>Sources of Revenue-Tax and Non-Tax Revenue; Trends and Patterns of Tax Revenue– Direct and Indirect Taxes; Direct Tax Code; Indirect Taxes – Goods and Services Tax (GST)- Objectives, Classification of GST, Tax Rates, Trends and Patterns of GST and Impact of GST on Indian Economy; Tax Reforms in India-Review of Earlier Committees and Evaluation of Kelkar and Chellaiah Committees; Agricultural Taxation- Importance of Agricultural Taxation - Present Position of Agricultural Taxation - Burden of Agricultural Taxation in India and Proposals – K. N. Raj Committee Report 1972.</p> <p>Module-II: Public Expenditure and Debt</p> <p>Structure and Trends in Public Expenditure of Central and State Governments, Causes for Increase in Public Expenditure; Expenditure Control and Accountability – Fiscal Responsibility and Budget Management (FRBM) Act;</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>redemption of Public Debt in India.</p> <p>Module 4: Budget and Fiscal Policy</p> <p>Classification of Budgets and Budget Preparation - Budgetary Deficits: Concepts, Significance and Estimation- Deficit Financing – Methods and Implications- Government Accounting – Techniques of Budgetary Control – Analysis of current budget – Objectives of Fiscal Policy – Techniques and Targets of Fiscal Policy- Interdependence between Fiscal and Monetary Policies - Fiscal Policy and Stabilisation; Automatic and Discretionary Stabilisation- Long term Fiscal Policy.</p> <p>Module 5: Fiscal Federalism</p> <p>Principles of Federal Finance- Fiscal Federalism in India- Assignment of Functions and Sources of Revenue – Constitutional Provisions – Finance Commissions and Devolution of Resources- Grants – in-aid- Resource Transfer from Union to States and Local Bodies – Criteria for Transfer of Resources – Centre – State Financial Relations in India – Problems of States Resources and Indebtedness.</p>		<p>Issues in Public Expenditure- Equity, Efficiency, Welfare and Social Security; Impact of Public Expenditure on Indian Economy; Recommendations of Expenditure Reforms Commission (ERC) in India.</p> <p>Sources of Public Debt - Internal and External - Burden of Public Debt- Public Borrowings and Crowding out of Private Investment; Trends, Structure and Redemption of Public Debt in India.</p> <p>Module III: Budget and Fiscal Policy</p> <p>Classification of Budgets and Budget Preparation - Budgetary Deficits: Concepts, Significance and Estimation; Deficit Financing – Methods and Implications; Government Accounting – Techniques of Budgetary Control; Analysis of Current Budget; Fiscal Policy –Objectives, Techniques and Targets of Fiscal Policy, Interdependence between Fiscal and Monetary Policies, Fiscal Policy and Stabilisation; Automatic and Discretionary Stabilisation- Long term Fiscal Policy.</p> <p>Module-IV: Fiscal Federalism</p> <p>Principles of Federal Finance- Fiscal Federalism in India-</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Assignment of Functions and Sources of Revenue – Constitutional Provisions; Finance Commissions and Devolution of Resources- Grants –in-aid- Resource Transfer from Union to States and Local Bodies- Criteria for Transfer of Resources; Centre – State Financial Relations in India – Problems of States Resources and Indebtedness.</p> <p>Module-V: State and Local Finances</p> <p>State Finance-Introduction, Source of State Finance- Revenue and Capital Account; Financial Trends and Fiscal Consolidation; Local Finance- Introduction, Multi-level Governance-Local Bodies and their Functions - Finances of Local Bodies - Local Taxation, Criteria for Resource allocation to the local bodies-14th Finance Commission Recommendations.</p>
<p>COURSE CODE: PG34T 402: INTERNATIONAL TRADE AND FINANCE – II</p>	<p>Module 1: World Trade Organization Brief History of General Agreement on Trade and Tariff (GATT); Achievements of GATT; Superiority of World Trade Organisation (WTO) over GATT; WTO: Functions, Objectives, Agreements, TRIPS, TRIMS; WTO and LDCs; India and WTO.</p> <p>Module 2: Balance of Payments Meaning and Components of Balance of Payments; Equilibrium and Disequilibrium in the Balance of Payments (BOP); Adjustment Mechanism of BOP Causes for Disequilibrium; Removal of Disequilibrium</p>	<p>COURSE CODE: PG34T 402: INTERNATIONAL TRADE AND FINANCE – II</p>	<p>Module-I: Globalization, WTO and the Developing Countries</p> <p>World Trade Organization- General Agreements on Tariffs and Trade (GATT) to World Trade Organization (WTO); Objectives and Functions; Trade Related Intellectual Properties (TRIPs); - Trade Related Investment Measures (TRIMS); General Agreements on Trade in Services (GATS); Trade and Environment; Doha Development Rounds- Recent Developments in WTO, Future of WTO; Regionalism vs Multilateralism; Developing Countries in the Globalization era; TRIPS and GATS; India's foreign trade before and during the WTO regime; Trade Reforms in India; competitiveness of</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Module 3: Exchange Rate Determination Determination of Foreign Exchange Rate; Demand for and Supply of Foreign Exchange Markets; Mint Parity Theory and Purchasing Power Parity Theory; Fixed and Flexible Foreign Exchange Rate; Adjustable Peg and Crawling Peg Spot and Forward Exchange Rate; Objectives and Methods of Exchange control</p> <p>Module 4: Foreign Direct Investment Capital Flows, Concept of FDI, Effects of FDI, Nature, Role and Operation of MNCs; Problems Created by MNCs in the Home and Host Countries.</p> <p>Module 5: International Financial Institutions IMF, IBRD, IDA and ADB – Purpose, Organisation and Functions, Lending Operations and Technical Assistance.</p>		<p>Indian industries.</p> <p>Module-II: Balance of Payments Balance of Payments Accounting- Equilibrium and Disequilibrium in the Balance of Payments (BOP); Adjustment Mechanism of BOP- Traditional, The Elasticity Approach, Marshall-Lerner Condition, Absorption and Monetary approaches for adjustment in Balance of Payments; Mundell-Fleming Model; Causes for Disequilibrium; Removal of Disequilibrium; Foreign trade multiplier; Monetary and Fiscal Intervention; Devaluation and BOP Crisis- Capital Flight.</p> <p>India`s BOP and exchange Rate policies in the 1990s BOP crisis and reserves position in the early 1990s; Devaluation; LERMS/partial convertibility; managed float of Rupee-Dollar rate.</p> <p>Module-III: Foreign Exchange Markets and Exchange Rates Introduction-Functions of the Foreign Exchange Markets; Foreign Exchange Rates; Equilibrium Foreign Exchange Rates; Arbitrage; The Exchange Rate and the Balance of Payments. Spot and Forward Rates, Currency Swaps, Futures, and Options- Foreign Exchange Risks, Hedging, and Speculation; Interest Arbitrage and the Efficiency of Foreign Exchange Markets; Eurocurrency or Offshore Financial Markets. Exchange Rate Determination; Mint Parity Theory and Purchasing Power Parity; Other Forms of Exchange Rate</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Arrangements Today - Fixed or Floating Exchange Rates; Objectives and Methods of Exchange control</p> <p>Module IV: The International Monetary System: Past, Present, and Future</p> <p>The Gold Standard and the Interwar Experience-The Bretton Woods System; The Gold-Exchange Standard; Borrowing from the International Monetary Fund; Operation of the Bretton Woods System; Evolution of the Bretton Woods System; U.S. Balance-of-Payments Deficits and Collapse of the Bretton Woods System-</p> <p><i>The International Monetary System: Present and Future</i></p> <p>Operation of the Present System; Current IMF Operation; Problems with Present Exchange Rate Arrangements; Proposals for Reforming Present Exchange Rate Arrangements; Financial Crises in Emerging Market Economies; Other Current International Economic Problems.</p> <p>Module-V: International Resource Movements and Multinational Corporations Introduction; International Capital Flows; Conceptual framework—Types, The theory of transnational corporations and foreign direct investment; The investment development path and the emergence of TNCs from developing and transition economies; Application of the theory to TNCs from developing and transition economies; Competitive advantages, drivers and motives; Sources of competitive advantages; Drivers to</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>internationalization; Home country drivers (push factors); Host country drivers (pull factors); Empirical evidence on drivers (push and pull).</p> <p>Motives and Welfare Effects of International Capital Flows; Multinational Corporations – Effects on the Investing and Host Countries; Labour Migration - Motives and Effects of International Labour Migration</p>
New Course		<p>COURSE CODE: PG34T 404: APPLIED ECONOMETRICS (New Course)</p>	<p>Module-I: Regression with Qualitative Dependent Variable</p> <p>Nature of Qualitative Variables - Linear Probability Model – advantages and disadvantages of LPM; its Types – Logit, Probit, and Tobit Model for Grouped and Ungrouped Data - Their Application in Economics.</p> <p>Module-II: Forecasting and Univariate Time Series Models</p> <p>Introduction - Types of Forecasting Methods-Qualitative and Quantitative Methods; Measuring the Accuracy of Forecasting Models- Statistical methods- the Naïve Forecast- Simple Moving Average Forecast- Trend Forecast; Graphical Methods of Forecasting Accuracy.</p> <p><i>Univariate Time Series Models:</i> MA Model- Definition, Properties, Identification, Estimation and Forecasting; AR Model- Definition, Properties, Estimation and Forecasting; Mixed Auto Regressive Moving Average Models (ARMA) – Definition, Properties, Parameters, Estimation and Forecasting; ARIMA models.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Module-III: Vector Auto-Regressions and Models for Volatility</p> <p>Introduction - Stationary and Non-Stationary Stochastic Process; Testing of Unit Root; Co-integration</p> <p>- Tests for Co-integration - Engel-Granger Test - Johansen Test; ECM; VAR and Causality, Some Problems with VAR Modeling; Measuring Volatility – The ARCH (p) Model and GARCH (p, q) Model - Their Application in Economics.</p> <p>Module-IV: Panel Data Models</p> <p>Why Panel Data? - Estimation - Fixed Effects Method - All Coefficient Constant across Time and Individuals - Slope Coefficients Constant but Intercept Varies across Individuals - Slope Coefficients Constant but Intercept Varies Over Individuals as Well as Time - All Coefficients Vary across Individuals - Random Effects Method - Fixed Effects v/s Random Effects Model - Hausman Test - Their Application in Economics.</p> <p>Module-V: Econometric Applications in Economics</p> <p>Engle Curves - Demand curves, and Complete demand systems: With linear expenditure system as an example - Production functions - Cobb-Douglas, Leontief, CES, VES and their properties - Technical change - Cost functions and duality - Income distributions (lognormal and pareto) - Measures of inequality, and Poverty studies - Macro consumption and savings function - Permanent and relative income hypotheses - Investment function - Accelerator and distributed-lag models - Neoclassical models - Endogeneity</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
New Course		COURSE CODE: PG34T 405: MANAGERIAL ECONOMICS (New Course)	<p>and dynamic models.</p> <p>Module-I: Introduction to Managerial Economics 8 Hours</p> <p>Meaning, Nature and Scope; Relationship of Managerial Economics to Economic Theory as well as Decision Science; Organization of Business Firms - Concepts and Types of Business Organization, Proprietorship, Partnership, Joint Stock Company, Corporation, Co-operatives. Objectives of Firms; Case Study Method: Analyze a Case and Usefulness of Case Study.</p> <p>Module-II: Demand Estimation and Forecasting 12 Hours</p> <p>Identification Problem - Marketing Research Approaches - Regression Analysis - Problems in Regression Analysis - Demand Estimation; Demand Forecasting: Time Series Analysis - Smoothing Techniques - Barometric Methods - Econometric Models.</p> <p>Module-III: Optimization Technique: Linear Programming 12 Hours</p> <p>Problems of Optimization - Linear programming for Optimization -Meaning, Assumptions and Applications of Linear Programming - Basic Linear Programming Concepts - Procedure used in Formulating and Solving Linear Programming Problem - Linear Programming and Profit Maximization - Linear Programming and Cost Minimization</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>- Graphical Solution and Simplex Method - Dual Problem and Shadow Prices - Linear Programming and Logistics in the Global Economy - Game Theory and Optimization Technique in Decision Making Process.</p> <p>Module -IV: Pricing Practices and Strategies and Profit Analysis 16 Hours</p> <p><i>Pricing Practices:</i> Specific Pricing Problems - Popular Pricing Practices: Cost-Oriented Pricing, Cost-Plus Pricing and Other Price Determinants, Peak - Load Pricing, Price over the Life Cycle of the Product, Penetration Price - Pricing of Multiple Products - Price Discrimination - International Price Discrimination and Dumping - Transfer Pricing.</p> <p><i>Profit Analysis:</i> Nature and Function of Profits: Business versus Economic Profit - Theories of Profit: Residual Claimant Theory, Wage Fund Theory, Dynamic Surplus Theory, Innovation Theory - Profit Policy - Break- Even Analysis and Profit Measurement, Profit Forecasting.</p> <p>Module -V: Capital Budgeting 12 Hours</p> <p>Meaning and Importance - Capital Budgeting Process. Capital Budgeting Decisions - Factors Influencing in Investment Decision - Methods used for Investment Decisions: Cost-Benefit Analysis, Steps for Capital Project Evaluation, Techniques for Investment Appraisal - Sources of Fund for Long-Term Financing - Measurement of Cost.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
<p>COURSE CODE: PG34T 406A: INSTITUTIONS FOR RURAL DEVELOPMENT (Specialization /Optional paper)</p>	<p>Module 1: Introduction to Institutions Meaning, Importance and Classification of Institutions- Class and Caste, Marriage, Family; Rural Credit Institutions; Rural Markets; Co-operatives; Panchayat Raj Institutions; Non-Government Organisations, Shelf-Help Groups, Resource Users' Association, Rural Leadership, Land Reforms</p> <p>Module 2: Rural Credit Institutions Non-institutional Credit Lending Agencies and Institutional Credit Lending Agencies- Credit Co-operative Societies (PACs and PCARDBs/PLDBs); Commercial Banks; Regional Rural Banks; Apex Institutions-RBI and NABARD; Impact of Financial Sector Reforms on Rural Credit Delivery System</p> <p>Module 3: Agricultural Marketing Agricultural Marketing-Meaning, Types and Defects and Government Measures for Removal of Defects; Co-operative Marketing Societies-Meaning, Structure, Importance, Progress, Problems and Remedial Measures; Regulated Markets- Meaning, Functions/Importance, Progress, Defects and Remedial Measures; Forward Marketing-Meaning, Importance, Progress and Prospects</p> <p>Module 4: Co-operative Societies Co-operative Movement in India- Historical Perspective, Structure, Principles and Role of Co-operatives in Economic Development; Co-operative Farming- Meaning, Importance, Forms, Progress and Problems and Remedial Measures; Co-operative Processing- Meaning, Structure, Importance, Progress, Defects and Remedial Measures.</p>	<p>COURSE CODE: PG34T 406A: INSTITUTIONS FOR RURAL DEVELOPMENT (Specialization /Optional paper)</p>	<p>Module-I: Introduction to Institutions Institutions- Meaning, Importance and Classification - Class and Caste, Marriage, Family; Rural Credit Institutions; Rural Markets; Co-operatives; Panchayat Raj Institutions; Non-Government Organisations, Shelf-Help Groups, Resource Users' Association, Rural Leadership, Land Reforms.</p> <p>Module-II: Rural Credit Institutions Non-institutional Credit Lending Agencies and Institutional Credit Lending Agencies- Credit Co-operative Societies (PACs and PCARDBs/PLDBs); Commercial Banks; Regional Rural Banks; Apex Institutions-RBI and NABARD; Impact of Financial Sector Reforms on Rural Credit Delivery System.</p> <p>Module-III: Agricultural Marketing Agricultural Marketing-Meaning, Types and Defects and Government Measures for Removal of Defects; Co-operative Marketing Societies-Meaning, Structure, Importance, Progress, Problems and Remedial Measures; Regulated Markets- Meaning, Functions/Importance, Progress, Defects and Remedial Measures; Forward Marketing-Meaning, Importance, Progress and Prospects.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Module 5: Participatory Institutions Panchayat Raj Institutions (PRIs)- Structure, Functions, Resources, Performance, Problems and Remedial Measures; Non-Government Organizations (NGOs)-Meaning and Topology of NGOs, Importance of NGOs; Problems of NGOs and Remedial Measures</p>		<p>Module-IV: Co-operative Societies</p> <p>Co-operative Movement in India- Historical Perspective, Structure, Principles and Role of Co-operatives in Economic Development; Co-operative Farming- Meaning, Importance, Forms, Progress and Problems and Remedial Measures; Co-operative Processing- Meaning, Structure, Importance, Progress, Defects and Remedial Measures.</p> <p>Module-V: Participatory Institutions and Micro Level Planning</p> <p>Peoples' Participation and Panchayat Raj Institutions (PRIs)- Structure, Functions, Resources, Performance, Problems and Remedial Measures; Non-Government Organizations (NGOs)-Meaning and Topology of NGOs, Importance of NGOs; Problems of NGOs and Remedial Measures; Micro-level Planning and Peoples' Participation.</p>
<p>COURSE CODE: PG34T 406B: FINANCIAL INSTITUTIONS AND MARKETS-II</p> <p>(It was shifted from 2nd to 4th sem)</p>	<p>Module 1: Primary Markets</p> <p>Instruments; Debentures; Credit Rating of Instruments; Equity Shares; Preference Shares; Public Issue Securities; Underwriting Public Issues through Prospectus; Venture Capital.</p> <p>Module 2: Secondary Market and Stock Exchanges</p> <p>Growth of Stock Exchanges; Stock Brokers; Function of Stock Exchange; Trading in Stock Exchanges; Margin Trading; Regulation Relating to Stock Exchanges; National Stock Exchanges- Bombay Stock Exchange, Calcutta Stock Exchange, OTCEI.</p>	<p>COURSE CODE: PG34T 406B: FINANCIAL INSTITUTIONS AND MARKETS-II</p>	<p>Module-I: Financial Systems in India</p> <p>Financial System: Significance and Definition - Purpose and Organization. Financial System and Economic Development; Financial Intermediation and Economic Development in India</p> <p>Module-II: Non-Bank Financial Institutions (NBFIs)</p> <p>The Fundamental aspects of NBFIs - New Theory of Finance - Role and Significance of NBFIs and Monetary Theory in</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
	<p>Module 3: Markets for Futures Options and Financial Derivatives.</p> <p>Introduction, Derivatives: Meaning, Types and Uses; Futures, Valuation or Pricing of Derivatives. Derivatives Markets Abroad: Growth and Structure. Critique of Derivatives in India: Prospects and Policy.</p> <p>Module 4: Foreign Exchange Market</p> <p>Exchange Control Regimes- Fixed Exchange Rate; Flexible Exchange Rate; Exchange Rates in India; Exchange Control in India- FERA 1974; Liberalised Exchange Management System 1992; Current Account Convertibility; Committee on Capital Account Convertibility; Trading in Foreign Exchange Market; Impact of Technology on Trade and Speculation.</p> <p>Module 5: International Financial Markets</p> <p>Nature, Organization and Participants; Exchange Rate; Devaluation and Depreciation; International Financial Markets; International Liquidity; Lending Operation of the World Bank; Working of International Development Agency; International Finance Corporation; Growth of Regional Financial Institutions- Asian Development Bank, Euro- Area and Euro-Currency Markets.</p>		<p>Developed Countries and Developing Countries - The Structure and Growth of NBFIs in India - Financial Sector Reforms - Liberalization Measures for NBFIs (1996) -Limits on Acceptance of Deposits - Size of NBFIs - Distribution of Deposits - Capital Issues of Finance Companies - assets of NBFIs - Investment Norms for NBFIs - Deployment of Funds- Leasing Companies.</p> <p>Module-III: Insurance, Investment Banking, Merchant Banking & Mutual Funds</p> <p>Insurance: Growth and Structure of Insurance Companies - Life Insurance Corporation and its Progress - General Insurance Companies and their Functions - Reforms in the Insurance Sector</p> <p>Investment banking: Investment Banks- Introduction, Functions, Types - Investment Banking Services and Commercial Banks - Their Activities.</p> <p>Merchant Banking: Introduction - Banking Commission Report (1972) - Merchant Banking in India - Regulations of Merchant Banking - Prospects - General Obligations and Responsibilities.</p> <p>Mutual Funds: Introduction - Mutual Funds in India - Types of Mutual Funds</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>- Return from Mutual Funds - SEBIs Directives - Private Mutual Funds - Asset Management Company - Unit Trust of India - Evaluation of the Performance of Mutual Funds - Components of investment Performance - Market Timing- Money Market Mutual Funds - RBI Guidelines.</p> <p>Module-IV: Foreign Exchange Market</p> <p>Market Regimes and Rates-Trading in foreign Exchange Markets - Speculation - Foreign Exchange Rates - Market Makers - Liberalized Exchange Rate Management System, 1992 - Capital Account Convertibility - Relationship between Exchange and Money Markets - Foreign Exchange Market foreign Currency Accounts - Currency Arbitrage - Hedging with Options.</p> <p>Module - V: Financial Sector Reforms</p> <p>Regulation of Non-Bank Financial Intermediaries and the RBI - Need for Comprehensive Monetary Policy - RBI and Financial Sectors Reforms.</p>
COURSE CODE: PG34T 406C: HUMAN RESOURCE MANAGEMENT	Module1: Introduction Concept of HRM- Meaning, Objectives, Scope and its Importance; Economic and Non-Economic Factors and their Interactions, Distinction between Human Resource and Non-Human Resource Module 2: Functions of HRM Functions of HRM; Planning, Recruitment and	COURSE CODE: PG34T 406C: HUMAN RESOURCE MANAGEMENT (Specialisation/	Module-I: Introduction Concept Of HRM- Meaning, Objectives, Scope And Its Importance; Economic And Non-Economic Factors And Their Interactions, Distinction Between Human Resource And Non-Human Resource

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
(Specialisation /Optional paper)	<p>Selection, Training and Development, Compensation, Welfare and Industrial Relation Functions</p> <p>Module 3: Human Resource Planning</p> <p>Human Resource Planning (HRP): Definition, Need and Process of HRP, Responsibility for HRP, Job – Analysis and its Components.</p> <p>Module 4: Appraisal</p> <p>Performance Appraisal: Need and Significance-Setting Employees Performance, Objectives and Goals; Creating Organizational Conditions for Improving Employee Performance.</p> <p>Module 5: Management</p> <p>Emotional Intelligence IQ V/S EQ Creativity and its Role in Management – Building Positive Attitude – Time Management and Stress Management</p>	Optional paper)	<p>Module-II: Functions Of HRM</p> <p>Functions Of HRM; Planning, Recruitment And Selection, Training And Development, Compensation, Welfare And Industrial Relation Functions</p> <p>Module-III: Human Resource Planning</p> <p>Human Resource Planning (Hrp): Definition, Need And Process Of Hrp, Responsibility For Hrp, Job – Analysis And Its Components.</p> <p>Module-IV: Appraisal</p> <p>Performance Appraisal: Need And Significance- Setting Employees Performance, Objectives And Goals; Creating Organizational Conditions For Improving Employee Performance.</p> <p>Module-V: Management</p> <p>Emotional Intelligence IQ V/S EQ Creativity and Its Role In Management – Building Positive Attitude-Time Management And Stress Management</p>
New Course		COURSE CODE: PG34T 406D: ENVIRONMENT	Module-I: Environmental Hazards

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
		AL HAZARDS AND DISASTER (New Course)	<p>Introduction - Changing Perspectives -Pre-1950, 1950-1999 and 2000 onwards - Paradigms of Hazard</p> <p>- The Dominant (Behavioural) Paradigm - The Radical (Structuralist) Paradigm - What are the Environmental Hazards - Natural Hazards - Technical Hazards -Tectonic Hazards: Volcanic Hazards - Biophysical Hazards: Thermal Extremes, Disease Epidemics and Wildfires - Hydrological Hazards - Floods - Droughts - Technological Hazards - The Growth of Industrial Hazards</p> <p>Module-II: Environmental Disasters</p> <p>Hazard, Risk and Disaster - Human Vulnerability to Disaster - Dimensions of Disaster - Disaster Reporting - Disaster Impact Assessment - Disaster Patterns - Reasons for Increasing - Disaster Impact</p> <p><i>Floods:</i> Types of Flood - River Floods - Coastal Floods - Causes of Floods - Beneficent Effects of Floods - Negative Effects of Flood.</p> <p><i>Drought and Desertification:</i> Concepts and Causes - Indicators - Impacts of Drought and Desertification - Importance of Remote Sensing in Desertification Control.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p><i>Fire:</i>Causes and Consequences - Loss of Forest and Biodiversity.</p> <p><i>Acid Rain:</i> Causes, Effects, Prevention of Acid Rain - Individuals Efforts and Government Actions towards Control of Acid Rain.</p> <p>Module-III: Reducing the Impacts of Disasters</p> <p>Cost of Disasters - The Range of Options - Mitigation - Disaster Aid - Internal Government Aid - International Aid - Mitigation - Insurance - Government Insurance - Protection - Hazard Resistance - Macro-Protection - Micro-Protection - Adaptation - Preparedness - Adaptation - Land Use Planning</p> <p>Module-IV: International Environmental Concerns</p> <p>Pollution as a Global Problem - Greenhouse Effect - Ozone Depletion - Global Warming and Threat to Biodiversity - International Action for Environmental Protection - Helsinki Protocol (1985) and Montreal Protocol (1987) - Earth Summit (1992) - International Financing of Environmental Protection - Debt for Nature Swaps - Trade and</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Environment - Sustainability in Ecology - Sustainability in Ecological Economics.</p> <p>Module-V: Environmental Issues and Regulation in India</p> <p>The status of Air pollution - Water Pollution - Land Degradation - Causes and Effects of Environmental Degradation - Urban and Rural Environmental Problems - Evolution of Environmental Policy –Environmental Protection Act, 1986 - Fiscal Incentives - Enforcement and Implementation Issues - Pollution Control Board -National Disaster Management Authority (India).</p>
		<p>COURSE CODE: PG34T 406E: CO-OPERATIVE MANAGEMENT</p> <p>(New Course)</p>	<p>Module-I: Origin of Co-operative Movement</p> <p>Cooperative Movement In: Germany -Great -Denmark - Japan - USA - Canada - Italy - Sweden - France And Israel; Origin And Growth Of Cooperative Movement In India - Pre-Independence Developments - Major Developments In The Post-Independence Period - Types Of Co-Operatives.</p> <p>Module-II: Concept of Management</p> <p>Definition, Nature, Scope, Principles, Objectives, and Functions Cooperative Management - Importance of Management - Problems of Management.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Module-III: Management of Cooperatives</p> <p>Principles of Co-operatives Management - Functions of Cooperative Management - Problems of Cooperative Management.</p> <p><i>Management of Credit Cooperatives:</i> Introduction - Structure - Objectives - Management Aspects - Managing Committee - Board of Directors -Chairman /Executives - Problems of Credit Co-operatives. <i>Management of Non-Credit Cooperatives:</i> Consumer Co-operatives - Marketing Cooperatives - Dairy Cooperatives - Housing Cooperation.</p> <p><i>Human Resource Management:</i> Human Resource Management in Co-operatives - Management Information System - Management Information System in Co-Operatives</p> <p>Module-IV: Marketing Management</p> <p>Cooperative Marketing Management in India - Management Aspects of Marketing Co-operatives - Objectives of Cooperative Marketing Management - Adoption of Cooperative Marketing Approach - Role of Cooperative Marketing Management - Marketing Intelligence and Integrated Marketing System.</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>Module-V: Office Management</p> <p>Office Organization and Office Maintenance of Records - Distribution of Work Among Staff Members - Office Correspondence - Filing System - Maintenance of Records and Statistics.</p>
New Course		<p>COURSE CODE: PG34T 406F: ENERGY ECONOMICS (Specialisation/ Optional Paper)</p> <p>(New Course)</p>	<p>Module-I: Energy Concepts</p> <p>Concepts - Definitions - Sources and Categories of Energy - Energy Balance Tables - Energy Data Sources - Energy System - Energy - Economy Linkages - Green Energy; Forms of Energy - Electricity, Coal, Oil and Renewable Sources - Availability and Features - Management of Energy Resources - Energy and Environmental Sustainability.</p> <p>Module-II: Energy Supply and Demand Analysis</p> <p><i>Energy Supply Analysis:</i> Availability and Supply of Different Sources of Energy - Supply Constraints - Role of Renewable Sources of Energy - Institutional Framework for Energy Supply in India - Supply Scenario and Investment Requirements - Alternative Energy Sources - Energy Imports - Trends and Issues - Policies of the Government.</p> <p><i>Energy Demand Analysis:</i> Determinants of Energy Demand - Estimating Energy Demand - Methods of Estimation - Price and Income Elasticity - Demand Estimation under Administered Price Regimes - Demand - Supply Gap - Energy Shortage and Crisis - Need for Energy Demand Management</p>

Course Code & Title	Pre-revised Curriculum 2013-14	Course Code & Title	Revised Curriculum 2018-19
			<p>- Renewable Energy Options.</p> <p>Module-III: Energy Pricing</p> <p>Need - Methods and Principles of Energy Pricing - Economic Efficiency and Equity Considerations - Pricing Under Supply Constrained Framework - Energy Markets - Regulation - Issues and Challenges.</p> <p>Module-IV: Energy Efficiency and Conservation</p> <p>Need - Principles and Methods - Energy Supply Side and Demand Side Management and Efficiency - Institutional Machinery and Community Engagement - Estimation of Benefits - Energy Audit - Policy Alternatives.</p> <p>Module-V: Energy Planning and Policy</p> <p>Approaches to Energy Planning - Principles and Components - Implementation Machinery - Decentralised Approach to Energy Planning - Planning for Energy Security - Integrated Energy Policy - Issues and Challenges; Alternative Energy Sources: Wind Energy - Solar Energy - Bio Mass Power - Waste-to-Power Small Hydro Power - Availability and Utilisation - Government Policies.</p>