Syllabus (both CBCS & FYUGP)

Syllabus for Discipline Specific Core Course (DSC) Semester-I Discipline Specific Core Course (DSC) Paper -1

Microeconomics

Full Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Demand Analysis: Definition, Determinants of Demand, Demand Curve and Demand Function, Law of Demand, Measurement of Own price elasticity of Demand, Cross price elasticity of Demand and Income elasticity of Demand, Factors Determining Elasticity of Demand.

Chapter-II: Consumption and Utility: Definition of Total Utility (TU) and Marginal Utility (MU), Relationship between TU and MU, Law of Diminishing Marginal Utility, Condition of Equilibrium of the Consumer, Indifference Curve Analysis: Definition and Characteristics of Indifference Curve (IC), Marginal Rate of Substitution (MRS), Budget Line, Consumer's Equilibrium, Price Effect, Income Effect, Substitution Effect, Consumer Surplus

Chapter-III: Theory of Production and Cost: Definition of Production Function, Definition of Total Product (TP), Average Product (AP) and Marginal Product (MP), Derivation of AP and MP from TP Curve, Law of Variable Proportions, Producer's equilibrium, Expansion Path, Laws of Returns to Scale. Cost and Revenue: Fixed Cost andVariable Cost, Average Cost and Marginal Cost, Shape of Cost Curves, Relation between Average Cost and Marginal Cost. Definitions of Total Revenue (TR), Average Revenue (AR) and Marginal Revenue (MR) and relationship among AR, MR and Price Elasticity of Demand.

Chapter-IV: Perfect and Imperfect Competition: Classifications of Markets, Characteristics of Perfect Competition, Short-run and Long-run Equilibrium of the Firm, Shortrun Supply Curve of the Firm, Price Determination in a Perfectly Competitive Market. Monopoly: Characteristics, Price and Output Determination in Monopoly, Basic Concepts of Price Discrimination. Characteristics of Monopolistic Competition, Oligopoly and Duopoly markets.

Chapter-V: Input Market: Theory of Distribution: Marginal Productivity Theory of Distribution. Definitions of MPP, VMP and MRP. Rent: Ricardian Theory of Rent, Concept of Economic Rent, Scarcity Rent, Differential Rent and Quasi-rent. Wage: Money Wage and Real Wage, Marginal Productivity Theory of Wages, Role of Collective Bargaining, Functions of Trade Union.

Semester-II

Discipline Specific Core course (DSC) Paper - 2 Macroeconomics Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: National Income Accounting: Definition, Different Concepts of National Income, Circular flow of Income, Distinction between GNP and NNP, Different Methods of Measuring National Income, Difficulties of Measurement of National Income, Income Inequality, National Income Accounting for an Open Economy, Balance of Payments, Current and Capital Accounts.

Chapter-II: Value of Money: Definition, Price Level, Price Index Number, Quantity Theory of Money, Fisher's Version and Cambridge Version.

Chapter-III: Classical Theory: Classical Theory of Output and Employment, Say's Law of Market.

Chapter-IV: Keynesian Theory of Employment: Concept of Effective Demand, Keynesian Consumption Function, Relation between Average and Marginal Propensity to Consume, Factors Determining Consumption Function, Concept of Multiplier, Concept of Savings and Investment.

Chapter-V: Theories of Interest: Classical Theory of Rate of Interest Determination, Neo- classical Loanable Funds Theory and Liquidity Preference Theory of Keynes.

Chapter-VI: Inflation: Definition of Inflation, Deflation and Stagflation, Different Types of Inflation, Causes of Inflation. Inflationary Gap, Distinguish between Demand-pull and Cost- push Inflation, Anti Inflationary Measures, Various Effects of Inflation.

Semester-III

Discipline Specific Core Course (DSC) Paper -3 Development Economics Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Economic Growth and Economic Development: Concepts of Economic Growth, Economic Development and Gross National Happiness, Distinction between Economic Growth and Economic Development, Indicators of Economic Growth and Economic Development, Net National Income and Per Capita Income as Growth Indicators, Concepts of Human development Index (HDI), GDI, GEM and HPI as Development Indicators.

Chapter-II: Development Planning and its Necessity: Balanced vs. Unbalanced growth, Complementary Roles of Agriculture and Industry, Role of Technology in Agriculture and Industry.

Chapter-III: Population: Relationship between Population and Economic Development, Features of India's Population Problem, National Population Policy, 2000, Occupational Distribution of Population.

Chapter-IV: Capital Formation: Capital-output Ratio, Role of Capital Formation in LDCs and its Problems, Trends of Savings and Capital Formation in India.

Chapter-V: Foreign Investment: Foreign Capital/Foreign Direct Investment (FDI), Government Policy, Foreign Aid, Different forms of Foreign Investment and their Roles in Economic Development.

Chapter-VI: Role of IMF and World Bank in Economic Development of the LDCs.

Semester-IV

Discipline Specific Core Course (DSC) Paper -4 Elementary Statistics Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Collection of Data, Classification & Tabulation: Meaning of Statistics, Variable and Attribute, Primary and Secondary Data, Population and Sample, Complete Enumeration (or census) and Sample Survey, Classification, Tabulation.

Chapter-II: Charts and Diagrams: Objects of Diagrammatic Representation, Types of Charts and Diagrams, Line Diagram, Bar Diagram, Pie Diagram and Pictogram.

Chapter-III: Frequency Distribution: Observation and Frequency, Simple Series and Frequency Distribution, Definitions of Useful Terms, Construction of Frequency

Distribution, Cumulative Frequency Distributions, Diagrammatic Representation of Frequency Distribution, Histogram, Frequency Polygon and Ogive.

Chapter-IV: Measures of Central Tendency: Important Properties of Arithmetic Mean (AM), Geometric Mean (GM), Harmonic Mean (HM). Relation between AM, GM and HM. Median and Mode with examples.

Chapter-V: Measures of Dispersion: Meaning and Necessity of Measures of Dispersion, Range, Quartile Deviation, Mean Deviation (MD), Standard Deviation (SD) with examples, Properties of Standard Deviation.

Semester-V

Discipline Specific Elective Course (DSE) Paper -1

Choose any one [a] Indian Economy-I or [b] Money and Banking [a] Indian Economy-I Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: India's Economic Structure: India's Transition from Planned Economy to the Market Economy, Three Worlds and Third World, Main Features of Less Develop Countrie, (LDCs), Causes of Underdevelopment of the Indian Economy.

Chapter-II: India's National Income: Trends and Feature, Estimation and Distribution,

Causes of Low Growth of National Income, Sectoral Composition of India's National

Income, Difficulties in Measuring National Income in India.

Chapter-III: India's Population Problem: Features, Theory of Demographic Transition, Problem of India's Overpopulation, Factors behind India's Population Growth, Recent Population Policy of the Government.

Chapter-IV: Agriculture: Features of Indian Agriculture, Causes of Low Productivity and its Remedies, Role of Agricultural Development in India's Economic Development, NewTechnology and Green Revolution and its Effects, Agricultural Finance and Marketing.

Chapter-V: Land Reforms in India: Agrarian Structure, Relationship between Man and Land, Programme of Land Reform in India and its Evaluation, Land Reforms in West Bengal, Operation Barga in West Bengal.

[b] Money and BankingFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Money: Concept, functions, measurement; theories of money supply determination.

Chapter-II: Financial Institutions, Markets, Instruments and Financial Innovations: Role of financial markets and institutions; problem of asymmetric information, adverse selection and moral hazard, financial crises. Money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.

Chapter-III: Interest Rates: Determination, sources of interest rate differentials, theories of term structure of interest rates, interest rates in India.

Chapter-IV: Banking System: Balance sheet and portfolio management. Indian banking system: Changing role and structure, banking sector reforms.

Chapter-V: Central Banking and Monetary Policy: Functions, balance sheet, goals, targets, indicators and instruments of monetary control, monetary management in an open economy, current monetary policy of India.

Semester-VI

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Discipline Specific Elective Course (DSE) Paper – 2
Choose any one
[a] Indian Economy-II or [b] Public Finance [a] Indian Economy- II
Full Marks: 75 Credit: 6 (72 Lectures)
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Course Outline:

Chapter-I: Industry: Meaning and Scope of Small-scale Industries, Expansion of Small- scale and Cottage Industries, Importance, Problems of India's Small-scale Industries, Role of Cottage and Small Scale industry in India's economic development, Problems and Solutions.

Chapter-II: Industrial Labour: Globalisation and Changes in Indian Industrial Labour, Industrial Relations, Industrial Disputes and Social Securities in India.

Chapter-III: India's Monetary System: Money Supply and its Components, India's Money Market, Functions of the Reserve Bank of India, Monetary Policy or Credit Control Policy of the RBI, Features of Indian Capital Market.

Chapter-IV: India's Foreign Trade: Problems of Foreign Trade, Volume and Direction of Trade in the Post Liberalisation Period, Recent Balance of Payments Problems and its Remedies.

Chapter-V: India's Economic Planning: Objectives of Planning in India, Characteristics of Indian Plans, Achievements and Failures of India's Five Year Plans.

[b] Public FinanceFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Theory: Overview of Fiscal Functions, Tools of Normative Analysis, Pareto Efficiency, Equity and the Social Welfare. Market Failure, Public Good and Externalities. Elementary Theories of Product and Factor Taxation (Excess Burden and Incidence).

Chapter-II: Issues from Indian Public Finance: Working of Monetary and Fiscal Policies. Current Issues of India's Tax System. Analysis of Budget and Deficits. Fiscal Federalism in India, State and Local Finances.

Chapter-III: Principles of Taxation: Benefit and Ability to Pay Approach, Direct and Indirect Taxation, And Regressive, Progressive, Proportional Taxation.

Chapter-IV: Theory of Public Debt: Internal versus External debt, Burden of public debt.

Syllabus for Skill Enhancement Course in Programme Course

Semester-III Skill Enhancement Course Paper – 1 Choose any one [i] Basic Computer Applications or [ii] Business Project Formulation & Entrepreneurship Development [i] Basic Computer Applications Full Marks: 75 (Theory =40 and Practical = 20) Credit: 2 (24 Lectures)

Course Outline:

Chapter-I: Introduction to Computer: History of development of Computers; oncepts of Computer System; Characteristics; Capabilities and limitations; Generations of Computers Basic components of Computer System.

Chapter-II: Storage Devices: Storage fundamentals; Primary vs Secondary, Data Storage and Retrieval methods, Sequential, Direct and Index Sequential and Various Storage Devices.

Chapter-III: Word Processing - MS Word: Introduction to Word Processing, Introduction to MS Word: Features, Creating, Saving and Opening documents in Word, Interface, Toolbars, Ruler, Menus, Keyboard Shortcut. Editing a Document, Selecting, Inserting, Deleting, Moving text. Previewing documents, Printing documents, shrinking a document to fit a page. Formatting

Documents: Paragraph formats, Aligning Text and Paragraph, Borders and Shading, Headers and Footers, Multiple Columns.

Chapter-IV: Worksheet & MS Excel: Worksheet basics, creating worksheet, entering data into worksheet, heading information, data, text, dates, cell formatting values, saving & protecting worksheet. Working with single and multiple workbook – coping, renaming, moving, adding and deleting, coping entries and moving between workbooks, Working with formulas & cell referencing, Formatting of worksheet. Previewing & Printing worksheet, Graphs and charts, various charts type, formatting grid lines & legends, previewing & printing charts.

Chapter-V: Presentation Graphics - MS Power Point Features and various versions, Creating presentation using Slide master and template in various colour scheme, Working with different views and menus of power point, Working.with slides, Drawing and inserting objects using Clip Art's pictures and charts. Custom Animation, slide transition effects and other animation effects.

Chapter-V: Applications in Economics:Population census versus sample surveys, Random sampling, Frequency distribution and summary Statistics, Data entry, Mathematical Functions, Financial functions, Statistical.Functions, Creating simple Line, Bar and Pie charts, Simple two variable regressions.

[Practical examination will be on the basics of data management in Stata / R / Eviews / SPSS / MS Excel]

[ii] Business Project Formulation & Entrepreneurship DevelopmentFull Marks: 75Credit: 2 (24 Lectures)

Course Outline:

Chapter-I: Business Project Formulation:

Procedure for setting up a business project, Meaning of project, project identification

and selection, project report, its significance and contents, formulation of a project report. Project evaluation and selection: The payback period, Net Present Value (NPV), Internal Rate of Return (IRR).

Chapter-II: Entrepreneurship: The concept of Entrepreneurship, Classification and Types of Entrepreneurs, Women Entrepreneurs, Development of Entrepreneurs in India, Role of entrepreneurship in Economic Development.

Chapter-III: Small Scale Industries: The Concept of Small Scale Industry, Role of Small Scale Industries, Policies Governing Small Scale Industries, Rural Industries and Rural Artisans.

Chapter-IV: Entrepreneurial Environment: SocialandPoliticalEnvironment,TechnologicalEnvironment, Legal Environment and Cultural Environment.

Chapter-V: Entrepreneurial Development: Various Approaches to Entrepreneurship Development, Human Resource Development, Various Programmes on Entrepreneurship Development.

Chapter-VI: Project Work: Questionnaire Development and Data collection for case study onEntrepreneurship development. Micro, Small or Medium Scale Industries in local areas.

Semester-IV

Skill Enhancement Course Paper – 2Choose any one[i] Insurance Market and its Products or [ii]Tourism Management[i] Insurance Market and its ProductsFull Marks: 75Credit: 2 (24 Lectures)

Course Outline:

Chapter-I: Introduction:

Meaning of Insurance, Evolution of Insurance, Nature, Functions, History of Insurance; Different Classifications: Comparison of Life Insurance with other Insurances, Health insurance, Postal Life Insurance, Credit Insurance, Marine Insurance; Insuranceorganizations in India; Impact of privatization on insurance product diversification; IRDA. Act, 1999, The Insurance (Amendment) Act, 2002.

Chapter-II: Basic Principles of Insurance:Key Concepts, Economic Principles, Principles of Insurance viz. Utmost good faith,Insurable interest, Indemnity, Subrogation, Contribution and Proximity Cause. Methods of Reinsurance: Shopping reinsurance, Facultative reinsurance, automatic or treaty reinsurance.

Chapter-III: Classification and Importance: Different types of insurance: Travel insurance within the country and abroad, Home insurance, Car insurance, Goods insurance. Major insurance company in India like LICI, ICICI Prudential, Bajaj Allianz, SBI Life, National Insurance etc.

Chapter-IV: Claim Management in Insurance:Significance of claims settlement, Claims under various classes of insurance, Disputes, Arbitration and Litigation, Trends in claims, Insurance fraud.

[ii] Tourism Management

Full Marks: 75Credit: 2 (24 Lectures)

Course Outline:

Chapter-I: Definition of Tourism: Definition of tourism, tourist, distinction between tourist and excursionist, nature and scope of tourism management; functions of tourism management; Historical development of tourism; Types of tourism, Forms of Tourism; Domestic tourism; International tourism; Tourism principle; Factors affecting the growth of tourism in India.

Chapter-II: Measurement of Tourism:Components of tourism, Tourism motivations, Tourism importance; Application of economics in tourism; Determinants of tourism demand and tourism supply; tourism demand forecasting and tourism supply forecasting; Employment and Income creation.

Chapter-III: Cultural Heritage of India: Archaeological sites of India; Monuments; Forts; Palaces, Historical importance building, UNESCO and World heritage sites in India: Religious sites in India, Pilgrimage tourism and its significance in tourism. Handicrafts in tourism: Fairs and festivals in India and its importance in tourism.

Chapter-IV: Special Interest Tourism:Tourism market; Health tourism, Eco-tourism, Village tourism, Sustainable tourism; National parks; Wildlife & bird sanctuaries in India; Desert tourism; Mountain tourisn; Beach tourism. Positive and Negative Impacts of Tourism; Socio-cultural impact; Economic impact; Environmental and Ethnographical impact.

Chapter-V: Tourism Resources in West Bengal:WBTDC and its role in tourism development; Important tourism sites in W.B. Darjeeling, Dooars, Malda, Murshidabad, Mayapur, Mukutmanipur, Bishnupur, and Santiniketan, Gangasagar, Sundarban and Digha.

Syllabus for Generic Elective Course

Course structure of Generic Elective (GE) in Programme Course in Semesters V and VI Generic Elective (GE): Paper -I Generic Elective (GE): Paper -II

- [a] Microeconomics or
- [b] Indian Economy-I or
- [c] Money and Banking [a] Macroeconomics or
- [b] Indian Economy-II or
- [c] Public Finance

Generic Elective Courses (GE) Paper -1 Choose any one [a] Microeconomics or [b] Indian Economy-I or [c] Money and Banking

[a] MicroeconomicsFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Demand Analysis: Definition, Determinants of Demand, Demand Curve and Demand Function, Law of Demand, Measurement of Own price elasticity of Demand, Cross price elasticity of Demand and Income elasticity of Demand, Factors Determining Elasticity of Demand.

Chapter-II: Consumption and Utility: Definition of Total Utility (TU) and Marginal Utility (MU), Relationship between TU and MU, Law of Diminishing Marginal Utility, Condition of

Equilibrium of the Consumer, Indifference Curve Analysis: Definition and Characteristics of

Indifference Curve (IC), Marginal Rate of Substitution (MRS), Budget Line, Consumer's

Equilibrium, Price Effect, Income Effect, Substitution Effect, Consumer Surplus

Chapter-III: Theory of Production and Cost: Definition of Production Function, Definition of Total Product (TP), Average Product (AP) and Marginal Product (MP), Derivation of AP and MP from TP Curve, Law of Variable Proportions, Producer's equilibrium, Expansion Path, Laws of Returns to Scale. Cost and Revenue: Fixed Cost and Variable Cost, Average Cost and Marginal Cost, Shape of Cost Curves, Relation between Average Cost and Marginal Cost. Definitions of Total Revenue (TR), Average Revenue (AR) and Marginal Revenue (MR) and relationship among AR, MR and Price Elasticity of Demand.

Chapter-IV: Perfect and Imperfect Competition: Classifications of Markets, Characteristics of Perfect Competition, Short-run and Long-run Equilibrium of the Firm, Shortrun Supply Curve of the Firm, Price Determination in a Perfectly Competitive Market. Monopoly: Characteristics, Price and Output Determination in Monopoly, Basic Concepts of Price Discrimination. Characteristics of Monopolistic Competition, Oligopoly and Duopoly markets.

Chapter-V: Input Market: Theory of Distribution: Marginal Productivity Theory of Distribution. Definitions of MPP, VMP and MRP. Rent: Ricardian Theory of Rent, Concept of Economic Rent, Scarcity Rent, Differential Rent and Quasi-rent. Wage: Money Wage and Real Wage, Marginal Productivity Theory of Wages, Role of Collective Bargaining, Functions of Trade Union.

[b] Indian Economy-I Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: India's Economic Structure: India's Transition from Planned Economy to the Market Economy, Three Worlds and Third World, Main Features of Less Develop Countries (LDCs), Causes of Underdevelopment of the Indian Economy.

Chapter-II: India's National Income: Trends and Feature, Estimation and Distribution, Causes of Low Growth of National Income, Sectoral Composition of India's National Income, Difficulties in Measuring National Income in India.

Chapter-III: India's Population Problem: Features, Theory of Demographic Transition, Problem of India's Overpopulation, Factors behind India's Population Growth, Recent Population Policy of the Government.

Chapter-IV: Agriculture: Features of Indian Agriculture, Causes of Low Productivity and its Remedies, Role of Agricultural Development in India's Economic Development, New Technology and Green Revolution and its Effects, Agricultural Finance and Marketing.

Chapter-V: Land Reforms in India: Agrarian Structure, Relationship between Man and Land, Programme of Land Reform in India and its Evaluation, Land Reforms in WestBengal, Operation Barga in West Bengal.

[c] Money and BankingFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Money: Concept, functions, measurement; theories of money supply determination.

Chapter-II: Financial Institutions, Markets, Instruments and Financial Innovations: Role of financial markets and institutions; problem of asymmetric information, adverse selection and moral hazard, financial crises. Money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.

Chapter-III: Interest Rates: Determination, sources of interest rate differentials, theories of term structure of interest rates, interest rates in India.

Chapter-IV: Banking System: Balance sheet and portfolio management. Indian banking system: Changing role and structure, banking sector reforms.

Chapter-V: Central Banking and Monetary Policy: Functions, balance sheet, goals, targets, indicators and instruments of monetary control, monetary management in an open economy, current monetary policy of India.

Generic Elective Courses (GE) Paper – 2Choose any one[a] Macroeconomics or [b] Indian Economy-II or [c] Public Finance[a] MacroeconomicsFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: National Income Accounting: Definition, Different Concepts of National

Income, Circular flow of Income, Distinction between GNP and NNP, Different Methods of Measuring National Income, Difficulties of Measurement of National Income, Income Inequality, National Income Accounting for an Open Economy, Balance of Payments, Current and Capital Accounts.

Chapter-II: Value of Money: Definition, Price Level, Price Index Number, Quantity Theory of Money, Fisher's Version and Cambridge Version.Chapter-III: Classical Theory: Classical Theory of Output and Employment, Say's Law of Market.

Chapter-IV: Keynesian Theory of Employment: Concept of Effective Demand, Keynesian

Consumption Function, Relation between Average and Marginal Propensity to Consume,

Factors Determining Consumption Function, Concept of Multiplier, Concept of Savings and

Investment.

Chapter-V: Theories of Interest: Classical Theory of Rate of Interest Determination, Neo- classical Loanable Funds Theory and Liquidity Preference Theory of Keynes.

Chapter-VI: Inflation: Definition of Inflation, Deflation and Stagflation, Different Types of Inflation, Causes of Inflation. Inflationary Gap, Distinguish between Demand-pull and Cost- push Inflation, Anti Inflationary Measures, Various Effects of Inflation.

[b] Indian Economy- II Full Marks: 75 Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Industry: Meaning and Scope of Small-scale Industries, Expansion of Small- scale and Cottage Industries, Importance, Problems of India's Small-scale Industries, Role of Cottage and Small Scale industry in India's economic development, Problems and Solutions.

Chapter-II: Industrial Labour: Globalisation and Changes in Indian Industrial Labour, Industrial Relations, Industrial Disputes and Social Securities in India.

Chapter-III: India's Monetary System: Money Supply and its Components, India's Money Market, Functions of the Reserve Bank of India, Monetary Policy or Credit Control Policy of the RBI, Features of Indian Capital Market.

Chapter-IV: India's Foreign Trade: Problems of Foreign Trade, Volume and Direction of Trade in the Post Liberalisation Period, Recent Balance of Payments Problems and its Remedies.

Chapter-V: India's Economic Planning: Objectives of Planning in India, Characteristics of Indian Plans, Achievements and Failures of India's Five Year Plans.

[c]Public FinanceFull Marks: 75Credit: 6 (72 Lectures)

Course Outline:

Chapter-I: Theory: Overview of Fiscal Functions, Tools of Normative Analysis, Pareto Efficiency, Equity and Social Welfare. Market Failure, Public Good and Externalities. Elementary Theories of Product and Factor Taxation (Excess Burden and Incidence).

Chapter-II: Issues from Indian Public Finance: Working of Monetary and Fiscal Policies. Current Issues of India's Tax System. Analysis of Budget and Deficits. Fiscal Federalism in India, State and Local Finances.

Chapter-III: Principles of Taxation: Benefit and Ability to Pay Approach, Direct and Indirect Taxation, And Regressive, Progressive, Proportional Taxation.

Chapter-IV: Theory of Public Debt: Internal versus External debt, Burden of public debt.

FYUGP- SEMESTER: ONE

COURSE NAME: INTRODUCTORY MICROECONOMICS [MAJOR]

COURSE CODE: UECOMAJ11001

FULL MARKS: 75

Module-I: Demand and Supply: Determination of Market Price [9 hrs]

Determinants of individual demand and supply; Law of Demand and Law of Supply; demand and supply curve, market versus individual demand and supply, and shifts in the demand and supply curve. The concept of elasticity of demand, point and arc elasticity, cross-price elasticity and, income elasticity of demand, elasticity of supply. Consumer Surplus and Producer Surplus; Elementary theory of market price: Determination of equilibrium price in a competitive market

Module-II: Consumer Behaviour [5 hrs]

Cardinal utility theory: Law of Diminishing Marginal Utility, derivation of Marshallian demand curve. Ordinal utility theory: Indifference curves and their properties, budget line, Consumer's equilibrium.

Module-III: Producer Behaviour [8 hrs]

The concepts of Total Revenue, Marginal Revenue and Average Revenue, Production function, the law of variable proportion, fixed co-efficient production function, returns to a factor, returns to scale, iso-quant and its properties, and iso-cost line—the marginal rate of technical substitution, equilibrium of the producer.

Module-IV: Theory Cost [5 hrs]

Various concepts of Cost, Fixed and Variable Costs, Average and Marginal Costs, derivation of short-run cost, long-run cost, the shape of long-run average cost, Economies, and Dis-economies of Scale.

Module-V: Linear Algebra and Applications in Microeconomics [8 hrs]

Ingredients of a Mathematical Model, Real Number System, Concepts of Sets, Relations, Functions, Types of Functions, functions of Two or More Independent Variables, Simultaneous Equations. Application of elementary algebra in Microeconomics

Module-VI: Basic Calculus and Applications in Microeconomics [10 hrs]

Derivative of a Function, Rules of Differentiation, Partial and Total Differentiation, Euler's Theorem. Application in Economics: Demand Function, Elasticity of Demand, Marginal Revenue, Marginal Utility, Marginal Cost, Slope and Curvature of Indifference Curve, Point of Inflexion, Returns to Scale, Homogeneous Functions and their Properties, Cobb-Douglas Production Function and their Properties. Applications of elementary calculus in Microeconomics.

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify better the contents of the course. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalise the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) written examination, (b) take-home assignment, and (c) presentation on the topic suggested by the course instructor.

SEMESTER: TWO COURSE NAME: BASIC STATISTICS [MAJOR] COURSE CODE: UECOMAJ12002 FULL MARKS: 75

Module-I: Collection of Data, Classification & Tabulation: [8 hrs]

Meaning of Statistics, Variable and Attribute, Primary and Secondary Data, Population and Sample, Complete Enumeration (or census) and Sample Survey, Classification, Tabulation.

Module II: Frequency Distribution and Representation of Data [5 hrs]

Simple series and frequency distribution, concepts associated with grouped frequency distribution, Construction of frequency distribution, cumulative frequency distribution, diagrammatic representation of frequency distributions, and frequency Curve.

Module III: Measures of Central Tendency [8 hrs]

Mean (Arithmetic Mean, Geometric Mean, and Harmonic Mean) and their properties, advantages, and disadvantages; Relation among A.M., G.M., and H.M; Median and Calculation of Median; Mode, Calculation of Mode, Relation between Mean, Median, and Mode, Quartile, Deciles, and Percentile.

Module IV: Measures of Dispersion [9 hrs]

Meaning and Usefulness of Measures of Dispersion, Quartile Deviation, Mean Deviation, Standard Deviation, Properties and Calculation of S.D., Relation between S.D. and other measures, Lorenz Curve, and Construction of Lorenz Curve.

Module-V: Moments, Skewness, and Kurtosis [5 hrs]

Moments, Skewness and Kurtosis, Central and non-central moments, different measures of skewness and Kurtosis

Module VI: Correlation and Regression [10 hrs]

Definitions, Bivariate data, Bivariate frequency distribution, Scatter Diagram, Covariance, the measure of association, Coefficient of Simple Correlation, Properties, and the calculation method. Concept of Rank correlation, Spearman's Rank Correlation, Measure of influence, Simple Linear Regression, properties of linear regression, Least Squares and Normal Equations, and determination of regression coefficient.

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify better the contents of the course. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalize the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) written examination, (b) take-home assignment, and (c) presentation on the topic suggested by the course instructor.

SUBJECT: ECONOMICS SEMESTER: ONE COURSE NAME: TOURISM AND ENTREPRENEURSHIP [SEC] COURSE CODE: UECOSEC11001 FULL MARKS: 75

Module 1: Introduction to Tourism [10 hrs.]

Concepts of tourism, tourist, Forms of tourism – domestic tourism, outbound tourism and inbound tourism; Types of tourism: Eco-tourism, Village Tourism, Sustainable Tourism, Medical Tourism, Cultural Tourism, Adventure Tourism, Religious/Pilgrimage Tourism, Cultural/Heritage Tourism, Culturaly Tourism, Sports Tourism, Mountain Tourism, Dessert Tourism, and Beach Tourism. Tourism's positive and negative impact: Socio-cultural, economic, and environmental impact.

Module 2: Tourism Organisations [10 hrs.]

Tourist Organisations: National Tourist Organisation (NTO), functions of NTO, Indian Association of Tour Operators (IATO), Travel Agents Association of India (TAAI); State Tourism Organisations (STO): Role of STO in promoting tourism in the States of India, International Tourism Organisations: International Union of Official Travel Organisation (IUOTO), United Nations World Tourism Organisation (UNWTO); Role of Travel Agencies in Tourism, Functions of a Travel Agency, Travel Organisations: Travel Agent Association of India (TAAI)

Module 3: Tourism Entrepreneurship [10 hrs.]

Importance of entrepreneurship in tourism, Factors influencing entrepreneurship, Characteristics of entrepreneurship; Contributions of entrepreneur in development; Entrepreneurship in Tourism and Hospitality Industry: Event Management - Scope of Event Management five Cs of events - Key steps to successful events - Emerging areas of entrepreneurship in the tourism sector; Finance and entrepreneurship: source of capital – commercial banks, financial corporations' other sources of financial assistance - District Industries Centre.

Module 4: Tourism Resources in West Bengal [15 hrs.]

Role of West Bengal Tourism Development Corporation (WBTDC) in developing tourism in West Bengal. Important tourism sites in West Bengal: Kolkata, Sunderban, Gangasagar, Digha, Mukutmanipur, Santiniketan, Mayapur, Bishnupur, Murshidabad, Malda, Hills of Darjeeling &Kalimpong, Dooars of Jalpaiguri&Alipurduar, and Cooch Behar.

II. PRACTICAL (NON-LAB)

Module 5: Project

Students will have to submit a project report as a part of their course on Tourism and Entrepreneurship. A few topics are suggested below, but students may take other topics relevant to the course in consultation with the course instructor.

(a) Students may submit a field trip report on any destination from the visited place. Students must present their report identifying the objectives, method, and findings.

(b) Students may collect data (secondary/primary) related to tourism and prepare a report on setting up a tourism business venture.

(c) Students may collect data (secondary/primary) related to write a report on tourism and sustainable development.

(d) Students may, using secondary data, compare various issues related to tourism in two or more regions.

(e) Any other issues related to the course

The report should be an original work of the student and submitted both in hard and in MS Word. The size of the paper will be A4, and the font will be Times New Roman. The font size will be 12 with a line spacing of 1.5. There will be a cover page mentioning the title of the report, followed by a declaration of the candidate, content, list of tables, list of figures, abbreviation, chapters, annexure (if required), and references. The write-up should be at least 10000 (ten thousand) words.

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify better the contents of the course. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalise the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) written examination, (b) take-home assignment, and (c) presentation on the topic suggested by the course instructor.

SUBJECT: ECONOMICS SEMESTER: TWO COURSE NAME: BASIC COMPUTER APPLICATIONS IN ECONOMICS [SEC] COURSE CODE: UECOSEC12002 FULL MARKS: 75

Module 1: Introduction to Computer [6 hrs]

Essential Components of Computer, Characteristics, Capabilities, and Limitations of Computer. Storage fundamentals- Primary vs. Secondary, Data Storage and Retrieval Methods, Various Storage Devices.

Module 2: Microsoft Word [6 hrs]

Introduction to MS Word- Creating, Saving, and Opening documents in Word, editing a document, Find and Replace, Inserting, Deleting, and Moving text. Previewing, Printing, and Shrinking a document to fit on a page. Formatting Documents- Paragraph formats, Aligning text and paragraph, Borders and Shading, Headers, and Footers. Tables- Inserting, Filling, and formatting a table.

Module 3: Microsoft PowerPoint [6 hrs]

Creating presentations and templates in various colour schemes, working with different views and menus of PowerPoint, working with slides, Drawing and Inserting objects using Clip Art's pictures and charts: custom Animation, Slide transition effects, and other animation effects.

Module 4: Working with Microsoft Excel [12 hrs]

Spreadsheet basics, creating spreadsheets, entering data into spreadsheets, text, dates, cell formatting values, saving spreadsheets. Working with single and multiple spreadsheets- coping entries, renaming, moving, adding and deleting, and moving between spreadsheets. Previewing and printing spreadsheets.

PRACTICAL (NON-LAB)

Module 5: Project on the Use of Mathematical and Statistical Functions in Spreadsheets

Data Entry, Graphs and Charts, Various charts type (Line diagrams, Bar and Pie charts), Formatting grid lines and legends, Previewing, and Printing charts. Mathematical Functions (ABS, AGGREGATE, EXP, FACT, INT, LN, LOG, POWER, PRODUCT, QUOTIENT, ROUND, SQRT, SUBTOTAL, SUM), Statistical Functions (AVERAGE, STDEV, VAR, CORRELATION and Simple two variable regressions). Note: The Software version should be Microsoft Office 2016 or any later version. Using spreadsheet syntax, students will use open-source data to prepare charts and graphs and demonstrate their skills in estimating various mathematical and statistical values. The output should mention the steps in preparing the charts and graphs, and the estimate of mathematical and statistical values should mention the syntax used for its estimation.

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify better the contents of the course. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalise the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) written examination, (b) take-home assignment, and (c) presentation on the topic suggested by the course instructor.

SUBJECT: ECONOMICS SEMESTER: ONE/TWO COURSE NAME: ESSENTIALS OF ECONOMICS [MINOR] COURSE CODE: UECOMIN10001 FULL MARKS: 75

Module I: Theory of Consumer Behaviour [8 hrs]

Cardinal Utility-Total Utility (TU) and Marginal Utility (MU); Relationship between TU and MU; Law of Diminishing Marginal Utility; Law of Demand; Determinants of Demand; Relation between Law of Demand and Law of Diminishing Marginal Utility. Indifference Curve Analysis-Definition and Characteristics of Indifference Curve; Marginal Rate of Substitution (MRS); Budget Line; Price Ratio; Consumer's Equilibrium. Elasticity of Demand- Price elasticity of Demand, Cross price elasticity of Demand, and Income elasticity of Demand-Concepts only; Factors Determining Elasticity of Demand.

Module II: Theory of Producer's Behaviour [7 hrs]

Production Function- Definition of Production Function; Definition of Total Product (TP), Average Product (AP), and Marginal Product (MP); Derivation of AP and MP from TP Curve; Law of Variable Proportions. Cost and Revenue- Fixed Cost and Variable Cost, Average Cost and Marginal Cost; Shape of Cost Curves; Relation between Average Cost and Marginal Cost; Definitions of Total Revenue (TR), Average Revenue (AR) and Marginal Revenue (MR) and relationship among AR, MR and Price Elasticity of Demand.

Module III: Market Morphology [8 hrs]

Perfect Competition-Characteristics of Perfect Competition; Short-run and Long-run Equilibrium of the Firm. Monopoly: Characteristics; Price and Output Determination in Monopoly-short-run and long-run equilibrium; Price Discrimination-concept only; Perfect competition versus monopoly. Oligopoly-Oligopoly and Duopoly markets-concepts only; non-collusive and collusive oligopoly, product differentiation-concepts only.

Module IV: National Income Accounting [7 hrs]

What is National Income? Circular flow of Income; Different Concepts of National Income-Distinction between GNP and NNP, GNP and GDP, NNP at factor cost and market price, National income and personal income, nominal and real national income; Different Methods of Measuring National Income-Income Method, Value-added method and expenditure method; Difficulties of Measurement of National Income; Open and closed economy-concepts only; National income as a measure of welfare.

Module V: Inflation and Unemployment [8 hrs]

Inflation: Concepts of Inflation, Deflation, and Stagflation; Different Types of Inflationhyperinflations, galloping, walking and creeping; Causes of Inflation-Demand-pull and Cost-push Inflation and their distinction; Anti-Inflationary Measures; Trade-off between inflation and unemployment –the basic idea of the Phillips Curve.

Module VI: Money and Banking [7 hrs]

Money-Concept, functions, measurement; theories of money supply determination; definition of money supply in the Indian context (M1, M2, M3, and M4). Banking- Commercial Banks-Balance sheet and portfolio management; Credit creation; Central Banks- functions and instruments of monetary control.

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify better the contents of the course. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalize the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) written examination, (b) take-home assignment, and (c) presentation on the topic suggested by the course instructor.

SUBJECT: ECONOMICS SEMESTER: ONE COURSE NAME: MICROFINANCE AND FINANCIAL INCLUSION [MDC] COURSE CODE: FULL MARKS: 75

Module I:

Microfinance as a tool for development, Evolution of microfinance in India, Microfinance products and services, Intermediation and Regulations of Microfinance, Microfinance, and Livelihood options.

Module II:

Microfinance models in India: SHGs, Grameen Model, ROSCA model or Chit Funds, Village Based Model, Intermediary Model, Co-operative Model, Community Banking Model; Differences Between SHG and JLG Model; Indian SHG: Problems and Issues, SHG-Bank Linkages Programmes in India.

Module III:

Financial Inclusion: Relevance for development, financial literacy and importance in financial inclusion, financial education and essential components of financial counselling, financial inclusion through microfinance

Module IV:

Financial inclusion and rural credit: rural credit – concept, need, characteristics and sources of rural credit, institutional and non-institutional rural credit – money lenders, cooperatives, Regional Rural Banks, Commercial Banks, NABARD.

Module V:

Financial Inclusions Schemes in India: Pradhan Mantri Jan DhanYojana (PMJDY), Atal Pension Yojana (APY), Pradhan Mantri Mudra Yojana (PMMY), SukanyaSamridhiYojana (SSY), Pradhan MantriSurakshaYojana (PMSY); financial inclusion programmes organized by RBI.

TEMPLATE FOR COURSE SYLLABUS FOR NEP IMPLEMENTATION

Discipline:	Science		Arts, Humanities & Social Science						
	Commerce 🛛	BBA			BCA				
	[]							
Subject Name:	ECONOMICS								
Subject Code:									
Semester:Semester IISemester IIISemester IV									
Semes	ter V 🗆 Semester V	[Semes	ster VII 🗆]	Semester VIII			
Course Name:	DEVELOPMENT ECONOMICS AND ISSUES IN INDIAN ECONOMY								
Course Code:	ECONMIN202								
Course Credit:	Theoretical	3	Practi	ical/Tuto	rial	1			
Marks Allotted:	Theoretical 6	60	Practio	cal/Tutor	ial	20			
	Continuing Evaluat	ion		Attenda	ince				
Course Type (tick the correct alternatives):									
Major Core			AEC						
Interdisciplinary/ DSE			SEC						
Minor 🗹			VAC						
Research Project/Dissertation Vocational									
Is the course focused on employability/entrepreneurship? YES ☑					NO 🗆				
Is the course focused on imparting life skills?			Ĩ	YES 🗆		NO 🗹			
Is the course based on Activity?				YES 🗆		NO 🗹			
Remarks by Chairman, UG BOS, if any									

UG BOS Meeting Reference Number:	120/UG-24	Date:	25/07/2024
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Course Code: ECONMIN202

Course Name: Development Economics and Issues in Indian Economy

Brief Course Description:

This paper consists of six modules on Development economics and the Indian economy. The first part of this paper deals with the issues in development and their indicators, the role of gender in development, and the sustainable development goals. The second part of the paper is designed to understand the functioning of the economy. It includes topics like poverty, unemployment, agriculture, post 1991 development strategies of India, and the new education policy.

Prerequisite(s) and/or Note(s):

Prior knowledge of economics is optional for this course.

Course Objectives:

Knowledge acquired:

Upon completing the course, the students will know the basic concepts of Development economics and Indian economy. They will understand the concept of development and its indicators. The students will be aware of very relevant issues of the role of gender and environment in development. This course will provide a comprehensive understanding of the Indian economy and make the students aware of the different government policies and programs in this regard.

Skills gained:

Upon completing the course, the students will be able to identify the importance and contribution of human development, gender discrimination, global warming, and climate change in the development of a country. They will be capable of understanding the current economic problems in India. The students will identify the challenges faced by different sectors of the economy and will learn about the policy regimes of government in resolving those problems.

Competency Developed:

The students will be able to understand the very basic, relevant and core issues relating to the development and problems of the Indian economy. They can work on issues relating to gender empowerment, gender discrimination, human development, sustainable development goals, poverty, agriculture, and globalization to understand an economy better and prepare study reports in this regard.

Course Syllabus:

1. Development Economics

Module I- Issues in Development: [7 hrs]

Meaning and Challenges of Development, Features of Underdeveloped Economy, Economic Development and its indicators: Per capita income, Physical Quality of Life Index, Human Development Index, MDGs.

Module II- Gender and Development: [8 hrs]

Gender discrimination and gender division of labour, Concepts of gender equality and gender equity, gender mainstreaming, gender empowerment, Women in Development (WID) approach, Gender and Development (GAD) approach, gender development index, gender empowerment measure, gender inequality index.

Module III- Environment and Development: [7 hrs]

Renewable and Non-Renewable Resources, Issues relating to environment and economic development, Sustainable development, SDGs, Global Warming and Climate Change, and Policy options with developing and developed countries.

Suggested Readings

- Agarwala and Singh (eds.): The Economics of Underdevelopment, OUP.
- A.P., Thirwall, Economic Development, Palgrave Macmillan, 2011.
- Debraj Ray, Development Economics, Oxford University Press, 1998.
- M.P., Todaro, and S.C., Smith, Economic Development, Pearson Education, 2022.
- P.A. Koli, Economic Development and Environment Issues, 2005
- Sustainable Development Report: Implementing the SDG Stimulus
 <u>https://s3.amazonaws.com/sustainabledevelopment.report/2023/sustainable-development-report-2023.pdf</u>
- Gender Roles, Power and Inequality: Chapter by Sayani Das <u>https://ebooks.inflibnet.ac.in/hsp14/chapter/gender-roles-power-inequalities/</u>
- Human Development Report, 1990. <u>hdr1990encompletenostats.pdf (undp.org)</u>
- Human Development Report, 1995. <u>hdr1995encompletenostats.pdf (undp.org)</u>
- Human Development Report, 2010. <u>human-development-report-2010-complete-english.human-development-report-2010-complete-english (undp.org)</u>
- Human Development Report, 2011. <u>human-development-report-2011-english.human-development-report-2011-english (undp.org)</u>

2. Issues in Indian Economy

Module I- Features of Indian Economy: [9 hrs]

India as a developing country, Poverty and Inequality: Concept and Incidence of Poverty in India, Poverty estimates, Strategy of Poverty Alleviation Measures: Integrated Rural Development Programme (IRDP), Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), Income Inequality: Nature and Causes, Unemployment-Nature and types of Unemployment in India, Gig economy, Causes of Unemployment, Concepts of work participation rate, Labour force participation rate, unemployment rate, the concept of main and marginal workers according to the census, Government policies and measures:

Swarnajayanti Gram Swarozgar Yojana (SGSY), Jawahar Rozgar Yojana (JRY), Pradhan Mantri Kaushal Vikas Yojana (PMKY)

Module II- Indian Agriculture: [6 hrs]

Land reform, Green Revolution, Feminisation of Agriculture, Marketed and Marketable surplus, Agricultural Marketing, Agricultural Price Policy, Agricultural credit- institutional and non-institutional sources, Role of NABARD

Module III- Post-1991 Development Strategies of India: [8 hrs]

Liberalization, Privatisation and Globalization (LPG) Models, Impact of Liberalization, Privatisation and Globalization (LPG) on Indian Economy, Monetary and Fiscal policy, Trade policy, Niti Ayog-Organization and Functions, Right of Children to Free and Compulsory Education Act (RTE) 2009, New Education Policy (NEP) 2020: salient features of school and higher education, Problems of India's education system

Suggested Readings

- Kaushik Basu, (ed.), India's Emerging Economy, Performance and Prospects in the 1990s and Beyond, Oxford University Press
- Ramesh Singh (15th edition), Indian economy, Mc Graw Hill
- Ruddar Datt and K.P.M Sundharam (Latest ed.): Indian Economy, S. Chand & Company Ltd., New Delhi.
- Sanjiv Verma, The Indian Economy, Unique Publishers
- S.K Mishra & V.K Puri (Latest ed.) "Indian Economy and –Its development experience", Himalaya Publishing House.
- Sri Ram Srirangam, Manish Kumar, Rohit Deo Jha, Indian Economy: Principles, Policies and Progress, Pearson
- Uma Kapila (24th edition), Indian Economy: Performances and Policies, Academic Foundation
- Uma Kapila (34th edition), Indian Economy: Performances and Policies, Academic Foundation
- <u>https://www.niti.gov.in/sites/default/files/2019-01/Strategy_for_New_India_0.pdf</u>
- <u>https://www.ugc.gov.in/pdfnews/5294663_Salient-Featuresofnep-Eng-merged.pdf</u>
- https://cisfbhilai.kvs.ac.in/sites/default/files/Salient%20Features%20NEP%20-%20SE.pdf

Tutorial Classes: [15 hrs]

Tutorial classes are meant to clarify the contents of the course better. Such classes are meant to promote teacher-student academic interactions and help to build a student's confidence and self-esteem.

Continuing Evaluation:

The course instructor will finalise the modalities of the continuing evaluation. A few suggestions for continuing evaluation are (a) a written examination, (b) a take-home assignment, and (c) a presentation on the topic suggested by the course instructor.