

DEPARTMENT OF ECONOMICS
SYLLABUS 2022-2023

I – YEAR ODD SEMESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	AE21A	CORE-01	MICRO ECONOMICS-I
2	AE21B	CORE -02	STATISTICS-I
3	AE31A	ALLIED-1	HISTORY OF ECONOMIC THOUGHT
4	CC5AC	NME	BASICS FOR HEALTH CARE MANAGEMENT

I – YEAR EVEN SEM ESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	AE22A	CORE-03	MICRO ECONOMICS II
2	AE22B	CORE -04	STATISTICS II
3	AE32A	ALLIED-2	HEALTH ECONOMICS
4	CC5AH	NME	FUNDAMENTALS OF DISASTER MANAGEMENT

II – YEAR ODD SEMESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	AE23A	CORE-05	INDIAN ECONOMY-I
2	AE23B	CORE -06	MATHEMATICS FOR ECONOMIST
3	AE33A	ALLIED-3	RURAL ECONOMICS
4	TSSEG	SOFT SKILL	PERSONALITY ENRICHMENT-I

II –YEAR EVEN SEMESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	AE24A	CORE-07	INDIAN ECONOMY II
2	AE24B	CORE -08	ECONOMETRICS
3	AE34A	ALLIED-4	TAMILNADU ECONOMY
4	TSSEH	SOFT SKILL	PERSONALITY ENRICHMENT-II
5	ENV4B	PART IV	ENVIRONMENTAL STUDIES

III – YEAR ODD SEMESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	BDA5A	CORE-09	MACRO ECONOMICS -1
2	BDA5B	CORE-10	PUBLIC FINANCE -1
3	BDA5C	CORE -11	INTERNATIONAL ECONOMICS
4	BDA5D	CORE-12	DEVELOPMENT ECONOMICS
5	BDE5A	ELECTIVE-1	AGRICULTURAL ECONOMICS
6	VAE5Q	PART-IV	VALUE EDUCATION

III – YEAR EVEN SEMESTER

S.NO	CODE	SUB TYPE	SUBJECT
1	BDA6A	CORE-13	MACRO ECONOMICS II
2	BDA6B	CORE-14	PUBLIC FINANCE II
3	BDA6C	CORE -15	MONETARY ECONOMICS
4	BDE6B	ELECTIVE-2	MANAGERIAL ECONOMICS
5	BDE6C	ELECTIVE-3	ENVIRONMENTAL ECONOMICS

MICRO ECONOMICS-I

UNIT I

Definitions of Economics –Scope and methods of micro economics- theories and models – production frontier – economic problems – free markets

UNIT II

Firms and households – demand function and supply function –determinants – shift vs movement – law of demand and law of supply – exceptions and applications – determination of market equilibrium.

UNIT III

Elasticities of demand and supply – slope – types – price, income, cross, substitution – calculating Elasticities – determinants –time dimensions.

UNIT IV

Cardinal Utility Approach – Total Utility and Marginal Utility –Law of Diminishing Marginal Utility – Law of equi-marginal utility – Limitations – Ordinal Utility – Indifference Curves –Properties – Marginal Rate of Substitution – Consumer's Equilibrium –Hicksian Price Effect --Concept of Consumer Surplus.

UNIT V

Production Function – Law of Variable Proportions – Iso-quants – Marginal Rate of Technical Substitution – Law of Returns to Scale – Producers' Equilibrium – Least cost combinations

References

1. Gregory Mankiw (2014) Economics: Principles and Applications, New Delhi, Cengage Learning India
2. Koutsiyannis A. (2003) Modern Micro Economics – Palgram Macmillan (UK) 2nd Edition.
3. Robert Pindyck and Daniel Rubinfeld (2017) 8th Edn. Micro Economics, Pearson Education.

STATISTICS-I

UNIT I: Descriptive Statistics/Summary Statistics: Measures of Central Tendency – Minimum, Maximum, Mean, Median, Mode- Measures of Dispersion – Standard deviation, Variance- Measures of deviation from Normality - Skewness, Kurtosis- Frequency Distributions – Univariate, Bivariate- Graphical Illustrations

UNIT II: Probability:

Introduction to Probability & Concepts- Addition Rule of Probability- Multiplication Rule of Probability- Conditional Probability & Baye's theorem- Theoretical Probability Distributions – Binomial, Poisson, Normal distributions

UNIT III: Inferential Statistics:

Estimation – Point estimation, Interval estimation- Statistical Hypothesis Testing and Significance- Steps in hypothesis testing – Types of hypothesis, Levels of Significance, Degrees of Freedom, Type I and Types II Errors, One-Tail and Two-Tail Tests, Standard Error, p-Values

UNIT IV: Tests of Significance of Means:

Small Sample Test: Student's t Distribution – Properties of t distribution, Applications of t test- Large Sample Test: Standard Error – Applications & Uses- ANOVA – One-way & Two-way

UNIT V: Index Numbers

Meaning and uses of Index numbers in Economics - methods of construction of Index in Economics - Methods of construction of index numbers: Simple Method: 1. Simple Aggregation Price Index, Simple Average of Relatives, 2. Weighted Method: Fisher's, Laspeyres, Paasche's Method.

Reference

1. Aggarwal. Y.P (2002), Statistics Methods – Concepts Application and Computation, Sterling Publishers Private Ltd., New Delhi.
2. Gupta, S.P. (1993), Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
3. Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book Co., London.
4. Whigham, David, (2008), Business Data Analysis Using Excel, Oxford University Press.
5. Wonnacott H. Thomas & Wonnacott J. Ronald (1969), Introductory Statistics, John Wiley & Sons, Inc. New York.
6. Timothy C. Urdan (2005), Statistics in Plain English, Second Edition, Lea Lawrence Erlbaum Associate

ALLIED- HISTORY OF ECONOMIC THOUGHT

UNIT 1

Introduction to the History of Economic Thought – Meaning, Need for study of Economic Thought - Origin of Modern Economic Thought –Mercantilism –Physiocracy

UNIT 2

The Classical Political Economy - Adam Smith- David Ricardo - Thomas Robert Malthus- J.S.Mill

UNIT 3

Alternative Schools of Thought - Marxian Socialism-Institutional School –Thorstein Bunde Veblen- German Historical School –Critical and Positive ideas- Marginal Revolution – William Stanley Jevons –Carl Menger –Leon Walras- Neo Classical Economics –Main Features –Alfred Marshall –Critique of Neoclassical School.

UNIT 4

Keynesian Economics- Main Features of Keynesian Revolution – Contributions of Lord Keynes to Macro Economics -Welfare School –Vilfred Pareto

UNIT 5

Indian Economic Thought - Dadabhai Naoroji- Mahadev Govind Ranade - Gopalakrishna Gokhale -M. K. Gandhi

REFERENCES:

1. Dasgupta, Ajit(1993).A History of Indian Economic Thought,Routledge,London,New York.
2. Lokanathan V.(2007), A History of Economic Thought, S. Chand, New Delhi New Delhi.
3. Haney, Lewis H. (1962) History of Economic Thought, The Macmillan,New York.
4. Paul.R.R (2014), History of Economic Thought, Kalyani Publications.
5. Roll, Eric (2006), History of Economic Thought. Faber, London.
6. Agnar Sandmo,(2010), Economics Evolving: A History of Economic Thought, Princeton University Press

NME-BASICS OF HEALTH CARE MANAGEMENT

UNIT I: PERSONAL (SELF) HEALTH CARE

Personal Hygiene – Personal Diet pattern – Self health maintenance by yoga and other spiritual practice – Drills

UNIT II: FAMILY HEALTH CARE

Family hygiene – group health care by vaccination – propitiation and prevention – Sanitation and diet patterns

UNIT III: COMMUNAL HEALTH CARE

Mass – Hygiene (Social Hygiene) – Environmental Hygiene - Communal health care centres – Hospitals – Statistical bodies - Government and Non government organizations (NGO) for propagation of nutritious diet patterns - maintained by voluntary health organizations and government schemes.

UNIT IV: HEALTH AWARENESS

Health awareness programme organized by governmental and non governmental agencies. Communal amenity programme.

UNIT V: HEALTH DISASTER MANAGEMENT

First Aid – Disaster management techniques like epidemic eruption control, management and eradication.

BOOK REFERENCE:

1. Social and preventive Medicine, K. Park, Brimnot publishe

MICRO ECONOMICS-II

UNIT I

Cost and Revenue Concepts – Types of Costs – Fixed and Variable Costs – Average, Marginal and Total Costs – Short run and Long run Costs, economies and dis-economies – Traditional and Modern Costs – Total, Average and Marginal Revenues- nature of AR and MR under different market structures.

UNIT II

Perfect Competition – Features – Price and Output Determination under Perfect Competition – Short run and Long run equilibrium of the firm.

UNIT III

Monopoly – Equilibrium under Monopoly – Price Discrimination – Types and Degrees of Price Discrimination – A Note on Dumping – control of monopoly.

UNIT IV

Equilibrium under monopolistic competition – Product Differentiation and selling costs- Excess capacity – Oligopoly – Kinked Demand Curve Model – Cartels – Price leadership model.

UNIT V

Marginal Productivity Theory of Distribution – Theories of Rent, Wage, Interest and Profit.

References:

1. Karl E. Case and Ray C. Fair, (2013) Principles of Economics, 11th Edition, Pearson, New Delhi.
2. Gregory Mankiw (2014), Economics: Principles and Applications, New Delhi, Cengage Learning India.
3. Koutsiyannis A. (2003), Modern Micro Economy

STATISTICS–II

UNIT I: Measures of Linear Relationships

Introduction to Correlation – Definition, Types- Estimation of Correlation Coefficients– Simple, Multiple- Properties of Correlation Coefficient-Spearman's, Rank Correlation coefficient

UNIT II: Simple Linear Regression Analysis/Models

Introduction to Simple Linear Regression Models- Regression vs. Causation- Properties & Estimation of Regression Coefficients- Coefficient of Determination

UNIT III: Multiple Linear Regression Models

Introduction to Multiple Linear Regression Models- Properties & Estimation of Partial-Regression Slope Coefficients- Multiple Coefficient of Determination

UNIT IV: Time Series Analysis:

Concepts and components of time series data- measurement of trends – Graphical, moving, average, least squares method and fitting of linear trend curves.

UNIT V: Minor Assignment

Estimate, analyze and draw inference on an economic data using any of the statistical tools in the syllabus.

Reference

1. Aggarwal. Y.P (2002), Statistics Methods – Concepts Application and Computation, Sterling Publishers Private Ltd., New Delhi.
2. Gupta, S.P. (1993), Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
3. Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book Co., London.
4. Whigham, David, (2008), Business Data Analysis Using Excel, Oxford University Press.
5. Wonnacott H. Thomas & Wonnacott J. Ronald (1969), Introductory Statistics, John Wiley & Sons, Inc. New York

ALLIED-HEALTH ECONOMICS

UNIT-I

Health and Economic Development- Investment in man -Health and Social Welfare- Determinants of Health- Income and Health Linkages- Economic Analysis of Health care.

UNIT-II

Demand for Health Care Services- Preference for Health care using Indifference Curves- Budget
Constraints- Income and Price effects for Health care- Elasticity of Demand for Medical care.

UNIT-III

Supply of Health care services- Physicians and Medical Personnel as Health care providers- Nonlabour inputs- Hospitals- Interaction of Demand and Supply of Health care.

UNIT-IV

Health Indicators- Birth rate- Fertility- Morbidity- Mortality- IMR – CMR- MMR- Disability Adjusted Life Year (DALY)- Quality Adjusted Life Year (QALY)- Sex ratio.

UNIT-V

Health Insurance- Medical Ethics- Medical Tourism.

BOOKS FOR REFERENCE:

1. William Jack, Principles of Health Economics for Developing Countries, World Bank Institute Development Studies 1999.
2. World Development Report, Investing in Health, The World Bank 1993.
3. M. Grossman, 'The Shadow price of Health in the Economics of Health' Vol. 1 by A.J. Culyes (ed) (1991), Edward Elger publishing Ltd, UK.
4. Volan Brian (1993) Economics Incentives, Health Status and Health services, Utilisation, Journal of Health Economics, Vol II.
5. Banerjee, D. (1975), Social and Cultural Foundations of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June.

NME-FUNDAMENTALS OF DISASTER MANAGEMENT

UNIT I

Meaning, definition, basic aspects and types of disasters.

UNIT II

Stages IN Disaster - Pre, during and post disaster.

UNIT III

Disaster Mitigation – guiding principles of Mitigation. Formulation and implementation of Mitigation programmes.

UNIT IV

Disaster training – Utilisation of resources, training and public awareness.

UNIT V

Disaster Management policy and legislation; Disaster Management – Strategy in India.

Books for Reference

1. “Disaster Management”, I sundar, T. Sezhiyan 1st Edition, Sarup and Sons, New Delhi, 2007.
2. “Disaster Management” , A Disaster Manager’s Hand boob; Carter.W, ASTAN Development Bank, Manila.
3. Natural Disaster Management, Destruction, Safety and Pre cautions, S. Prasad, Mangalam publishers and Distributors, New Delhi – 2007.
4. Challen

II YEAR

MAJOR-I INDIAN ECONOMY-I

UNIT-I

Economic development and growth-Basic characteristics of the Indian economy-major issues of development-obstacles to development.

UNIT-II

Structure of Indian economy-National income – sectoral contribution and economic transition in India - -natural resources in the process of economic development population size and growth –demography composition – new population policy

UNIT-III

Objectives of planning in India –development strategy in India-broad achievements and failures- new economic reforms –liberalization, privatization and globalization-rationale behind economic reforms-progress of privatization and globalization.

UNIT-IV

The place of agriculture in the national economy-trends in production and productivity in agriculture –green revolution-progress of agriculture under the five year plans –land reforms – rural credit –agricultural marketing and food security in India.

UNIT-V

Poverty and inequality in India –unemployment in India-causes for rising of prices –regional disparities in India.

References

1. Ahluwalia, I. J. and IMD Little (Eds.) (1998). India's Economic Reforms and Development, Oxford University Press, New Delhi.
2. Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi.
3. Byres, T.J. (Ed.) (1998), The Indian Economy: Major Debates Since Independence, Oxford University Press, New Delhi.
4. Kausik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
5. Uma Kapila (Ed.) (2017-18) Indian Economy Since Independence , Academic Foundation, New Delhi, 28th Edition.
6. Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford.

MATHEMATICS FOR ECONOMISTS

UNIT I

Vector and Matrix Algebra - Basic Operations - Types of Matrices – Transpose of a Matrix – Properties of Transpose – Partitioned Matrices – Minor and Rank of a Matrix.

UNIT II

Determinants – Singular, Non Singular Matrix – Adjoint Matrix – Inverse Matrices – Properties of Inverse – System of Equations with Inverse – Cramer's Rule.

UNIT III

Differentiation – Rules of Differentiation: Differentiation of Sum and Difference of functions – Product Rule – Quotient Rule – Chain Rule – Higher Order Derivatives – Direct and Cross Partial Derivatives.

UNIT IV

Maximization and Minimization – Economic Applications: Revenue Maximization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly – Cost Minimization.

UNIT V

Integration – Rules – Definite Integrals – Properties of Definite Integrals – Economic Applications: Consumer's Surplus and Producer's Surplus.

References:

1. Chiang. A. C. (2005), Fundamental Methods of Mathematical for Economics, McGraw Hill, New York.
2. Edward T Dowling (2011), Schaum's Outline of Introduction to Mathematical Economics, 3rd Edition, McGraw Hill Publication.
3. Geoff Renshaw(2009), Maths for Economics, 2nd Edition, Oxford Publications, New Delhi
4. Jean E. Weber (1982), Mathematical Analysis, Business and Economics Applications, Harper International Edit

ALLIED –RURAL ECONOMICS

UNIT I

Nature- Scope and Factors determining Rural Economy- Characteristics of Rural Economy - Social Aspects of India's Rural Areas - Barter System - Non-monetized Sector - Economic Characteristics - Land and Asset Distribution - Agricultural Income - Vagaries of Monsoon.

UNIT II

Rural Unemployment - Types and Magnitude , Agricultural Labour – Marginal Productivity – Agricultural Wage – Minimum Wages Act, Rural Employment Programmes – MGNREGA – Rural Poverty – Nature, Causes and Consequences – Poverty Alleviation Programmes.

UNIT III

Agricultural Marketing – Minimum Support Price linked to Production Cost - Agriculture Marketing Development – eNAM system (online Agriculture Market Place) Crop Insurance - Rural Finance - Causes and magnitude of rural indebtedness, Sources of rural credit: Unorganized: Money lenders, Indigenous Bankers, Organized: Co-operatives, Commercial Banks, Regional Rural Banks – NABARD.

UNIT IV

Rural Development Programmes –Pradhan MantriSadak Yojana Pradhan MantriA was Yojana – National Rural Health Mission – National Rural Livelihood Mission.

UNIT V

Rural Industrialization - Agro-based Industries – Cottage Industries, Rural artisans – Cooperative societies – Rural Marketing. Cooperative Marketing-Role of Self Help Groups – PURA Model – Recent Government Policy for Rural Development.

REFERENCES:

1. Agarwal A.N., KundanLal, (1990), Rural Economy of India, Vikas, Delhi.
2. Choudry. C.M, (2009) Rural Economics- Jaipur- Sublime Publication
3. DhingraI.C., (2010), The Indian Economy, Sultan Chand, New Delhi.
4. L.C. Jain, (1985), Grass without Roots: Rural Development Under Government Auspices, Sage Publications, New Delhi.
5. Patel, K.V, Shan A.C, and Mello L.D, (1984), Rural Economics, Himalaya, Mumbai

PERSONALITY ENRICHMENT – LEVEL I

Unit 1- Self Disclosure

Characteristics of self disclosure – Self disclosure benefits and appropriateness – Self disclosure and self awareness – Self disclosure and feedback.

Unit II – Anger, Stress and Managing Feelings

The nature of stress- managing stress through social support systems – the nature of anger – guidelines for managing anger constructively – dealing with an angry person

Unit III – Interpersonal Effectiveness

Managing anxiety and fear – Breathing – an antidote to stress – progressive muscle relaxation – understanding your shyness – building one's self esteem – avoiding self blame – taking risks, tolerating failure, persisting and celebrating

Unit IV: Study Skills

Importance of study environment – using VCR3 to increase memory power: visualizing, concentrating, relating, repeating, reviewing- memory hindrances – memory helpers – knowing vs memorizing – memory and studying – the SQ3R method; survey, write questions, read, recite, review – mnemonic devices – rhymes – acronyms – pegging – cooperative learning.

Unit V: Goal Setting and Managing Time

The basis of effective goals – steps to be followed to obtain optimum results from goal setting – Identifying the reasons for procrastination – guidelines to overcome procrastination – priority management at home and college.

INDIAN ECONOMY–II

UNIT-I

The role of industrialization-review of industrial growth under planning-small scale industries; role, problems, and policy perspective to help small scale industries-industrial policies; 1956, 1977 and 1991.

UNIT-II

Features of industrial labour- causes for industrial disputes –social security measures – unorganised sector and India's informal economy –agricultural workers in India.

UNIT-III

Importance of foreign trade for a developing economy-composition and direction of India's foreign trade- role of FDI-BOP crisis- India's trade policy.

UNIT-IV

Financial sector reforms – organisation of India's money market –changing roles of RBI- development financial institutions –Indian capital market and SBEI

UNIT-V

Trends in revenue and expenditure of central and state Governments-deficit finance in India-current year budget of government of India-finance commission-federal finance in India.

References

1. Ahluwalia, I. J. and IMD Little (Eds.) (1998). India's Economic Reforms and Development, Oxford University Press, New Delhi.
2. Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi.
3. KausikBasu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
4. Uma Kapila (Ed.) (2017-18) Indian Economy Since Independence , Academic Foundation, New Delhi, 28th Edition.
5. AshimaGoyal(Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.

ECONOMETRICS

UNIT 1

Introduction to Econometrics – Definition and Scope – Divisions of Econometrics – Methodology of Econometrics – Types of Econometrics

UNIT 2

Simple Linear Regression Model - Two Variable Linear Regression Model - PRF and SRF - Methods of OLS - Classical Linear Regression Model – Assumptions - Gauss Markov Theorem - Best Linear Unbiased Estimator (BLUE) - Derivation of OLS estimator and its properties

UNIT 3

Hypothesis testing - Coefficient of determination - Standard Error – Confidence Intervals

UNIT 4

Estimation of the model by OLS method - Estimation of a two variable model - Three Variable Linear Regression Model – Partial Regression co-efficients - Functional form of regression models: Double Log, Semi Log, Reciprocal models

UNIT 5

Econometric Model with Quantitative Independent Variables - Introduction to Dummy Variables - Regression using Dummy Variables Testing for structural stability of regression models - Interaction Effects - Seasonal Analysis

REFERENCES:

1. Damodar N, Gujarati. & Sangeetha. S. (2007), Basic Econometrics, 4 th edition, McGraw Hill Publications, . New Delhi.
2. Damodar N, Gujarati. (2011), Basic Econometrics by Example, 1st edition: Palgrave Macmillan India
3. Christopher, Dougherty. Introduction to Econometrics (2011), 4 th edition, Oxford University Press, London.
4. Dominick, Salvatore. & Derrick. (2011), Reagle. Statistics and Econometrics, Schaum's Outlines 2 nd edition. McGraw Hill, New York.

.

ALLIED- TAMIL NADU ECONOMY

UNIT I

Growth and development- Ingredients of economic growth- Sectoral growth in perspective- Inter-state Growth profiles- Economic development and structural Transformation-SDP trends- Planning.

UNIT II

Theory of Demographic Transition – Trends in Growth of Population- Sex ratio, Density, Literacy, Birth and Death rate- Urbanisation – Population Policy 2001. Composition of workforce – Unemployment and Poverty.

UNIT – III

Agriculture – Cropping Pattern – Irrigation – Agricultural Development in Tamil Nadu- Green Revolution – Agricultural marketing: regulated markets and Co- operative marketing – Non-Farm activities in Tamil Nadu- Food Security and Public distribution system.

UNIT IV

Trends in Industrial Development in Tamil Nadu – Factors contributing to Industrial Development in Tamil Nadu- Small Scale Industries: Role , Problems , Promotional Measures for SSI - TIDCO, TANSI, SIPCOT, DIC – Economic Liberalisation Vis-a - Vis Industrial Growth.

UNIT – V

Transport and Economic development- Nationalisation of Roadways-performance of public sector transports- Power development in Tamil Nadu-Rural Electrification. Social inputs and its development effects: Health, Education, Nutrition, water supply and environment

REFERENCES:

1. TN – An Economic Appraisal – various issues – Department of Evaluation and Applied Research.
2. State Planning Commission Reports of Government of Tamil Nadu. spc.tn.gov.in
3. Statistical Handbook of Tamil Nadu – Department of Economics and Statistics.
4. Leonard A C (2006) , Tamil Nadu Economy, Macmillan India Ltd, New Delhi
5. MIDS (1988) , Tamil Nadu Economy : Performance and Issues, Oxford and IBN Publishing Co. Pvt. Ltd., New Delhi
6. Naganathan M (2002) Tamil Nadu Economy: Trends and prospects, University Of Madras.
7. Dr. V. Lakshmi, Tamil Nadu Economy, Varadhan Socio- Research Centre, Chennai, 2018.

PERSONALITY ENRICHMENT – LEVEL II

Unit 1 : Stress Management

The Nature of Stress – A wellness Lifestyle – Distress symptoms: emotional distress, cognitive distress, behavioral distress, physical distress symptoms – managing stress : exercise, nutrition, sleep, healthy pleasures – self talk and stress – Relaxation Methods: breathing techniques, meditation techniques, visualization techniques – self hypnosis- muscle relaxation techniques – Using social support.

Unit 2: Maintaining Trust

Developing and maintaining trust – being trusting and trustworthy – building interpersonal trust – reestablishing trust after it has been broken – trusting appropriately – trust and friendship

Unit 3: Resolving Interpersonal Conflicts

Understanding conflicts of Interests- conflict strategies – negotiating to win – negotiating to solve the problems – steps for effective problem solving negotiating – refusal skills

Unit 4: Applying Emotional Intelligence

Emotional Intelligence and emotional competence - components of emotional intelligence – behavioral skills of emotional intelligence

Unit 5: Enhancing self esteem

Self theory and the Johari window- Characteristics of fully functioning individuals – manifestations of low and high self esteem – techniques for enhancing self esteem – nurturance techniques

Reference

1. Schafer, W. (1998). Stress Management for Wellness. 4th edition. Australia: Thomson & Wadsworth.
2. Johnson, D.W. (1997). Reaching out – Interpersonal Effectiveness and Self Actualization. 6th ed. Boston: Allyn and Bacon.
3. Robbins, S. P. and Hunsaker, Phillip, L. (2009). Training in Interpersonal skills. Tips for managing people at work. 5th ed. New Delhi: PHI Learning.
4. Frey, D and Carlock , C. (1989). Enhancing Self Esteem. 2nd edition. Indiana: Accelerated Development

III YEAR

MACRO ECONOMICS-I

UNIT I:

Nature of Macro Economics - Difference between Micro and Macro Economics- Macro Statics and macro dynamics – transition from micro economics to macro economics.

UNIT II:

National Income – concepts of national income – methods of measuring of national income – Difficulties in measurement of national income – importance of national income analysis – social accounting – components and importance of social accounting.

UNIT III:

Classical theory of output and employment – J.B Say's Law of Markets- Keynesian Theory of output and employment – Wage rigidity – Derivation of aggregate Supply curve – Aggregate Expenditure function – Effective demand

UNIT IV:

The consumption function – meaning of consumption function – technical attributes of consumption function – determinants of the consumption function - Keynesian Consumption function –Relative Income hypothesis – Permanent Income Hypothesis - Life Cycle Hypothesis.

UNIT V:

Investment function – definition – induced and autonomous investment – determinants of investment – MEC and MEI and rate of interest – factors other than the interest rate affecting inducement to invest.

Reference Books:

1. Dornbusch, Rudiger, Stanley Fischer, and Richard Startz (2000). Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
2. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore
3. Jha, Raghendra (1991). Contemporary Macroeconomic Theory and Policy, Wiley Eastern Limited, New Delhi.
4. Laidler, David E.W. (1977). The Demand for Money: Theories and Evidence, Harper and Row, New York.
5. Mueller, M.G. (Ed.) (1978). Readings in Macroeconomics, Surjeet Publications, New Delhi.
6. Mankiw. N Gregory (2000) Macro Economics.

PUBLIC FINANCE–I

UNIT I:

Public finance – Meaning and Scope – Public and Private Finance – Principle of Maximum Social Advantage – Public Goods and Private Goods.

UNIT II:

Meaning and Definition of Public Expenditure – Reasons for the Growth of Public Expenditure – Views of Economists on Public Expenditure: Wagner's Hypothesis and Peacock – Wiseman Hypothesis, Canons of Public Expenditure – Effects of Public Expenditure

UNIT III:

Sources of Public Revenue – Taxes – Canons of Taxation–Principles of Taxation
Classification of Tax – Direct and Indirect taxes—A brief note on different taxes – GST in India - Effects of Taxes.

UNIT IV:

Shifting and Incidence of Taxes – Theories of Shifting and Incidence – Concentration theory – Diffusion Theory – Modern Theory of Incidence

UNIT V:

Meaning – Factors determining Taxable Capacity – Types of Taxable capacity – Significance – Limits of Taxable Capacity – Measurement of Taxable Capacity.

References:

1. David.N.Hyman(2005),Public Finance: A Contemporary Application of Theory and Policies,Cengage India Edition, New Delhi
2. Holley Ulbrich, (2003), Public Finance in Theory and Practice, Thomson South-Western, Chennai.
3. Lekhi R.K and Joginder Singh (2015), Public Finance, Kalyani publishers, Delhi.
4. Musgrave. Richard and Peggy.Musgrave, (2017), Public finance in Theory and practice, Mcgraw-Hill Publications
5. Rosen, Harvey(2013),Public Finance, McGraw Hill Publications
6. Pinaki Chakraborty, GST in India, Orient Blackswan, 2019.

INTERNATIONAL ECONOMICS

UNIT I

International Trade –Meaning –Difference between International and Inter-Regional Trade – Community Indifference Curve – Production Possibility Curve – Offer Curves –Opportunity Cost.

UNIT II

Theories of International Trade: Adam Smith (Absolute Advantage) – David Ricardo (Comparative Cost Advantage) –Heckscher - Ohlin Theorem— Heberler (Opportunity Cost Theory) - J.S. Mills (Reciprocal Demand Theory).

UNIT III

Free Trade – Protection – Meaning – Cases for and against Free Trade and Protection – Quotas: Meaning and Types. Tariff: Meaning, Types and Effects.

UNIT IV

Balance of Payments – Meaning - Structure of Balance of Payments – Causes of Disequilibrium – Measures to Control Disequilibrium. New International Economic Order – Objectives and Implementation.

UNIT V

IMF – World Bank – WTO –Regional Trade Agreements–ASEAN-Euro Zone- G20 –Asian Development Bank – BRICS – Recent Summits –Trading Blocs –SAARC – NAFTA – EU.

References:

1. Charles P Kindleberger (1999), International Economics, Macmillan Press Ltd London.
2. Dominick Salvatore (2014), International Economics, John Wiley International Student Edition.
3. Paul Krugman, Maurice Obstfeld and Marc Melitz, Addison (2014) – Wesley International Economics: Theory and Policy, Pearson Education Indian Edition.
4. Robert Carbaugh (2016), International Economics, Cengage Learning.

DEVELOPMENT ECONOMICS

UNIT I

Definition of Economic Development and Economic Growth – Distinction between economic growth and economic development – Factors Contributing to Development and Growth: Institutional, Technological, Economic and non-economic factors – Measuring Development – GDP – PQLI – PPP - HDI.

UNIT II

Rostow's Stages of Economic growth –Balanced Vs Unbalanced growth- Nurkse Theory of Balanced Growth -Hirshman's theory of unbalanced growth-Rosenstein Rodan's Big Push theory– Lewis' dual sector model - Leibenstein's Critical Minimum Effort thesis.

UNIT III

Issues of Development: Income Distribution – Measuring inequality – Inequality in income and growth – The inverted U Hypothesis -Externality – Environmental Kuznet's Curve – Sustainable Development.

UNIT IV

Poverty cycle – Conceptual issues –Measurement of Poverty –Range –Coefficient of Variation – Head count - Head Count Ratio – Poverty Gap Ratio – Lorenz Curve – Gini Coefficient – Sen's Index on Poverty – Functional Impact of Poverty.

UNIT V

International trade and economic growth – Import Substitution and Export Promotion Meaning and types of international capital movement – Role of Foreign Direct Investment in economic development. – Foreign aid and economic development – Types of foreign aid

REFERENCES:

1. Adelman Irma (1961), Theories of Economic Growth and Development, Stanford University Press.
2. Debraj Ray (1998), "Development Economics" Princeton University Press, New Jersey.
3. Gerald M. Meier, James E. Rauch, Leading Issues in Economic Development, Oxford University Press, 7th edition (2000).
4. Thirwall A.P (1989), Growth and Development,Palgrave Macmillan; 4th Ed.
5. Wayne Nafziger E (2012), Economic Development, Edition 5, Cambridge University Press.

ELECTIVE PAPER- AGRICULTURAL ECONOMICS

UNIT 1:

Meaning of Agricultural Economics, Need and Importance of Agricultural Economics – Relationship between Agricultural and Non-agricultural Sectors – Major Crops – Food and Commercial Crops, Crop Rotation, Mixed Farming and Sustainable Agriculture – Importance of Technology in Agriculture.

UNIT II

Agricultural Holdings, Sub-Division and Fragmentation of Holding in India, Causes and Effects of Sub-Division - Consolidation of Land Holding. Agricultural Productivity – causes for Low Productivity, Suggestions for Raising Agricultural Productivity.

UNIT III

Indebtedness-Causes, Consequences, Measures to Remove Rural Indebtedness and Regulation of Money Lenders. Agricultural Credit – Sources of Agricultural Finance – NABARD - RRB- Self Help Group- Non Institutional Finance.

UNIT IV

Concepts and Features of Agricultural Marketing in India – Main Defects of Agricultural Marketing. The Regulated Markets – Functions. Co-operative Marketing – Advantages and Progress of Co-operative Marketing.

UNIT V

Community Development – Objectives and Implementation of CD, Meanings, Objectives, Strategy - Progress – Swarnajayanthi GramSwarojgarYojana (SGSY) – National Agricultural Policy 2000 - MGNREP – Food Security.

References:

1. Acharya, S.S. and Agarwal, N.L. (2004); Agricultural marketing in India, Oxford and IBH Publishing Co. Pvt. Ltd.
2. Badi, R.V. and Badi, N.V. (2004); Rural Marketing, Himalaya Publishing House.
3. Giriappa, S. (2000); Institutions and Agricultural Marketing, Mohit Publications.
4. Lekhi, R.K. and Singh, Joginder (2005); Agricultural Economics, Kalyani Publishers.
5. Mahajan, K.A. (2003); Co-operative Marketing, Anmol Publications Pvt. Ltd.

MACRO ECONOMICS–II

UNIT I

Multiplier – employment and investment multiplier – leakages of multiplier – uses and limitations of multiplier – principles of accelerator and super multiplier.

UNIT II

General Equilibrium – Equilibrium of commodity market (IS) and Money Market (LM) – Simultaneous equilibrium of commodity and money market (IS-LM) Changes in general equilibrium.

UNIT III

Money – Fisher's quantity theory of money – Cambridge equations – Keynesian theory of money – money supply – determinants of money supply – high power money and money multiplier.

UNIT IV

Business cycles – types – phases and effects of business cycle – inflation – Philips curve – causes and measures to control inflation.

UNIT V

Macro-Economic policy: objectives – monetary policy – objectives – instruments – effectiveness of monetary policy – fiscal policy – objectives – monetary and fiscal mix to control inflation

Reference Books:

1. Dornbusch, Rudiger, Stanley Fischer, and Richard Startz (2000). Macroeconomics, Tata McGraw-Hill Publishing Company, New Delhi.
2. Roger E.A. Farmer (2002), Macro Economics, Thompson Asia Pvt.Ltd., Singapore
3. Jha, Raghendra (1991). Contemporary Macroeconomic Theory and Policy, Wiley Eastern Limited, New Delhi.
4. Laidler, David E.W. (1977). The Demand for Money: Theories and Evidence, Harper and Row, New York.
5. Mueller, M.G. (Ed.)(1978). Readings in Macroeconomics, Surjeet Publications, New Delhi.
6. Mankiw. N Gregory (2000) Macro Economics (Worth Publishers, New York

PUBLIC FINANCE-II

UNIT I:

Public Debt - Meaning — Comparison of Private and Public debt – Objectives of Public debt – Classification of Public Debt , Causes, Effects and Redemption of public debt – Public debt management in India

UNIT II:

Meaning – Principles of Fiscal Federalism – Objectives of Finance Commission – Recommendations of 13th, 14th and 15th Finance Commission – Co-operative Federalism- NITI Aayog - Centre State Financial Relations.

UNIT III:

Meaning – Objectives –concepts of Deficit Financing- Causes of Deficit Financing – Impact of Deficit financing – Advantages and Disadvantages of Deficit Financing.

UNIT IV:

Meaning and Definition of Budget – Objectives of the Budget – Structure of the Budget – Budgetary procedure in India – An overview of Current Union Government Budget.

UNIT V:

Local Governments – Types of Local Governments – Sources of Finance of Local Governments – Functions of local governments – Problems faced by Local Governments with regard to Finance

References:

1. David.N.Hyman(2005),Public Finance: A Contemporary Application of Theory and Policies, Cengage India Edition, New Delhi
2. Holley Ulbrich, (2003), Public Finance in Theory and Practice, Thomson South-Western, Chennai.
3. Lekhi R.K and Joginder Singh (2015), Public Finance, Kalyani publishers, Delhi.
4. Musgrave. Richard and Peggy.Musgrave, (2017), Public finance in Theory and practice,McGraw Hill Publications
5. Rosen, Harvey(2013),Public Finance, McGraw Hill Publications.

MONETARY ECONOMICS

Unit I

Money in Economic System – Functions of Money-Evolution of Money – Types of Monetary Standards.

Unit II

Demand for Money: Quantity Theory-Classical, Cambridge equations and Keynesian Liquidity Preference –Friedman's Restatement Quantity theory of Money – Supply and composition of money – determinants of money supply -Money Multiplier.

Unit III

Commercial Banks – Functions and Operations-Credit Creation –Reforms in the Indian Banking System –Issues of NPA-Reserve Bank of India: Functions and Working – demonetization in India – objectives - implications

Unit IV

Money Market - Structure and Functions – Features of Indian Money Market – Role of unorganized money markets in India. Capital Market :Primary and Secondary Markets –SEBI and Capital Markets – Foreign Exchange Market – Types and determinants

Unit V

Monetary Policy: Objectives, Instruments of Credit Control measures – Transmission Process –Working of monetary policy in developed and developing countries.

References:

1. Goldfield and Chandler (1959) The Economics of Money and Banking, H & R Publication.
2. Jagdish Handa: Monetary Economics, Routledge; 1st Edition (18 September 2008)
3. Pierce and Shaw, (1985), Monetary Economics: Theories, Evidence and Policy, Butterworth-Heinemann Ltd; 2nd revised edition
4. R.Cauvery, N.Kruparani, U.K,Sudhanayak, A.Manimekhalai, (2012), Monetary Economics, S.Chand and Company limited.
5. R.R.Paul, (2013), Monetary economics, Kalyani Publishers, New Delhi
6. Vaish M C (1985), Money, Banking, Trade and Finance, Wiley Eastern Publication.
7. C. Rammanohar Reddy, Demonetization and Black Economy, Orient Blackswan, 2019.

ELECTIVE PAPER- MANAGERIAL ECONOMICS

UNIT I

Definition and Scope of Managerial Economics-Tools of Managerial Decision making: Incremental and Marginal analysis- Equi-marginal principle – Principle of Discounting – Time perspective

UNIT II

Types of Demand: Derived Demand and Autonomous demand - New and replacement Demand - Total Demand and market segment demand - Short run and long run demand – Demand forecasting: Purpose and methods of forecasting. Opinion poll methods – Barometric technique – trend projection methods – time series analysis

UNIT III

Costs, Concepts: Future cost, Imputed costs, Opportunity cost, Sunk cost– Accounting and Economic costs, Book and Out-of pocket costs – Explicit and Implicit costs, Private and Social costs – shutdown and Abandonment costs. Break even Analysis – Assumptions – Uses – Limitations.

UNIT IV

Pricing Strategy : Peak load pricing, Pricing over the life cycle of a product, Skimming price , Penetration price, Multi-product pricing -Cost oriented pricing, Full cost pricing, Marginal cost pricing, Competition oriented pricing, Going rate pricing, Customary pricing –,Cyclical pricing - Porter's five forces model of competitive structure

UNIT V

Capital budgeting – cost of capital --Project profitability – Methods of appraising project profitability.

REFERENCES:

1. Keat,Paul G&Young,Philip.K.Y(2016),Managerial Economics,Pearson Education,New Delhi.
2. K. JothiSivagnanam, and R. Srinivasan, (2010), Business Economics, Tata McGraw Hill Education Private Limited, New Delhi.
3. Domnick Salvatore, (2009) Managerial Economics in a Global Economy, 4th Edition. Cengage Learning, New Delhi.
4. McGuigan, R. James, Moyer, R. Charles and Harris H. Frederick, (2005), Managerial Economics.

ELECTIVE PAPER-ENVIRONMENTAL ECONOMICS

UNIT I

Environmental Economics an Introduction - The limitations of circular flow model of the economy: the opportunity cost of economic activity -The resource flow between environment and economy-The functions provided by the environment system to economic system

UNIT II

Types of Pollutants: Cumulative and Con- cumulative-Local, Regional and Global; Point source and Non- point source-Degradable, non-degradable and persistent pollution

UNIT III

Pollution as an external cost-Public goods -Absence of property rights

UNIT IV

Concept of optimum pollution-Command and Control-Pollution Tax-Pollution permits-Subsidies- Types of Environment Value-Cost Benefit Analysis -Travel Cost Method

UNIT V

Definition of Sustainable Development-Policies for Sustainable Development-Economic Costs of Climate change-Urbanisation – Damages in Rural Environment-Economic consequences of climate change in India

References:

1. Bhattacharaya: Environmental Economics-OUP,2002
2. Hanley, Nick, J.F. Shogren, and Ben White (2013): Introduction to Environmental Economics, London: Oxford University Press. ISBN: 9780199568734
3. Karpagam M. (2013) Environmental Economics, Streling Publishers, New Delhi.