

DEPARTMENT OF APPLIED ECONOMICS
GONDWANA UNIVERSITY, GADCHIROLI



M.A. APPLIED ECONOMICS Under NEP - 2020

Name of Faculty	HUMANITIES
Department	APPLIED ECONOMICS
Programme Name	MA in APPLIED ECONOMICS under NEP - 2020

Composition of Curriculum Draft Committee for Applied Economics

Sr. No.	Name & Organization	Designation
1	Dr. Janardhan M. Kakde Dr. KhatriMahavidyalaya, Tukum, Dist. Chandrapur	Chairperson
2	Dr. P. B. Titare VivekanandMahavidyalaya, Bhadrawati Dist. Chandrapur	Member
3	Dr. Rajendrakumar R. Gawhale G. S. Science Arts, & Commerce College Khamgaon Dist. Buldhana	Member
4	Dr. Rajesh P. Kambale Dr. BabasahebAmbedkar College of Arts, Commerce & Science Bramhapuri Dist. Chandrapur	Member
5	Dr. Sharyu M. Potnurwar Sardar Patel Mahavidyalaya, Chandrapur	Member
6	Dr. Raju L. Ade NevjabaiHitkarniMahavidyalaya, Bramhapuri Dist. Chandrapur	Member
7	Dr. NamdeoUmate Vivekanand College, Bhadrawati Dist. Chandrapur	Member
8	Dr. Nitin B. Kawadkar Chintamani College, Ghugus Dist. Chandrapur	Member
9	Dr. Vitthal N. Thawari Arts, Commerce College, Bhis Dist. Chandrapur	Member
10	Dr. Vishal W. Malekar PrabhakarraoMamulkarMahavidyalaya, KorpanaDist. Chandrapur	Member
11	Dr. Ravi B. Shastrakar Mahatma JyotibaPhule Arts College, AshtiDist. Chandrapur	Member
12	Dr. Sanjay M. Mahajan Shri. GovindraoMunghate Arts & Science College Kurkheda Dist. Gadchiroli	Member

Gondwana University, Gadchiroli.

**Faculty Name : Humanities
Economics**

Name P.G.: M.A. Applied

Two Years Regular Post Graduate Program

SEM - I

Major (Mandatory)	Credit	Elective	Credit	Research Methodology	Credit	Total Credit
APECO1001 Advanced Micro Economics - I	(4x3) 12	APECO1004 - Statistics For Economics-I	4	APECO1009 Research Methodology	4	20
		APECO1005 - Rural and Agriculture Economics				
APECO1002 Advanced Macro Economics - I		APECO1006 - Trade Cycle				
		APECO1007 - Public Economics				
APECO1003 Indian Economic Policy		APECO1008 - Industrial Economics				
		Note:- Student shall select any one from above group				

SEM - II

Major (Mandatory)	Credit	Elective	Credit	On Job Training /Field Project (OJT/FP)	Credit	Total Credit
APECO2001 Advanced Micro Economics - II	(4x3) 12	APECO2004-Statistic For Economics - II	4	APECO2009OJ T Internship, Apprenticeshi p or Field Projects	4	20
		APECO2005 - Monitory Policy In India				
APECO2002 Advanced Macro Economics - II		APECO2006 - Rural Economy And Social Change				
		APECO2007 - Human Development				
APECO2003 Financial Institution And Markets		APECO2008 - Urban Economics				
		Note:- Student shall select any one from above group				

M.A. Applied Economics

Semester-I (Major DSC)

Advanced Micro Economic - I

APECO1001 :

Credit - 4

Module 1 : Theory of Demand

Demand-Concept, Law of demand, demand Function determinants of Demand, change in demand and quantity demanded. Market demand function

Supply - meaning, Law of Supply, Supply function, determinants of supply.

Market equilibrium, changes in market equilibrium, Application of Demand Supply analysis.

Consumer Behaviour –Cardinal utility analysis- Law of diminishing Marginal Utility, Equimarginal Utility, Consumer Equilibrium

Indifference Curve Analysis: Marginal Rate of Substitution, Consumer's Equilibrium,

Indifference Curve Analysis of Demand : Income, Substitution and Price Effects – Hicks-Allen and Slutsky. Bandwagon and Snob Effect Applications and Uses of Indifference Curves: Subsidies to Consumers: Price Subsidy vs.

Lump-sum Income Grant. Rationing and Indifference Curve Analysis. Food Stamp Programme.

Module 2 : Consumer Behaviour and Elasticity of Demand

Revealed Preference Theory of Demand: Preference Hypothesis and logic of Ordering. Derivation of Law of demand through logical ordering

Individual Behaviour under Uncertainty: Choices Involving Risk: St. Petersburg Paradox and Bernoulli's Hypothesis, Neumann-Morgenstern Method of constructing Utility Index under Risky Situations. Friedman-Savage Hypothesis, Markowitz Hypothesis.

Elasticity of Demand : concept of demand elasticity, types and measurements, determinants and application of elasticity.

Consumer Surplus : Marshall's Measure of Consumer Surplus. Consumer Surplus and Changes in Price. Hicksian Four Concepts of Consumer Surplus, water –diamond paradox, use of consumer surplus in cost benefit analysis

Module 3 : Theory of Production and Cost

The Theory of Production: Law of Variable Proportions, Production Function: Isoquants, Marginal Rate of Technical Substitution.

Production function with two variable factors - Returns to Scale, Cobb-Douglas - Production Function Optimum Factor Combination -Iso-Cost Line, Least-Cost Combination of Factors, Expansion path.

Cost of Production and Cost Curves : Concepts of Cost, Theory of Short-Run and Long Run Costs, Economies of Scale : Internal and External, modern theory of cost- learning curve-L shaped long run average cost.

Module 4 : Theory of Firm

Market Structure and Revenue Curves: Classification of Market Structures, Concepts of Average, Revenue and Marginal Revenue. Average Revenue and Marginal Revenue Under different market structure, Equilibrium of the Firm. Equilibrium of the Competitive Firm and Industry:

Meaning and Conditions of Perfect Competition, Short-Run and Long Run Equilibrium of the Perfectly Competitive Firm.

Competitive Equilibrium under Differential Cost Conditions, Supply curve of perfectly competitive firm in short run and long run.

Stability of Equilibrium and Cobweb Model, Incompatibility Theory: Kaldor and Sraffa on Incompatibility of Equilibrium with Perfect Competition

Books Recommended

1. Ahuja H. L., Advanced Economic Theory : Microeconomics Analysis, 13th Edition, S. Chand and Co. Ltd., New Delhi.
2. Baumol, W.J. (1982), Economics Theory and Operations Analysis, Prentice Hall of India, New Delhi.
3. Dewett K. K., Modern Economic Theory, S. Chand & Company Ltd., Revised Edition, 2005.
4. Jhingan M. L., Micro Economic Analysis, Vrinda Publications
5. Koutsoyiannis, A. (1979): Modern Microeconomics, 2nd ed., Macmillan Press, London.
6. Kreps, David M (1990): A Course in Microeconomic Theory, Princeton University Press, Princeton.
7. Sen, A. (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
8. Stigler, G. (1996): Theory of Price, 4th ed., Prentice Hall of India, New Delhi.
9. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.

M.A. Applied Economics
Semester-I (Major DSC)
Advanced Macro Economics - I

APECO 1002 :

Credit - 4

Module 1 : National Income and Social Accounts

Circular Flow of Economic Activity : Two Sector Model - Household and Business Sectors - Three Sector Models including Government Transactions - Four Sector Open Economy Model including Foreign Trade Transactions

National Income Accounts : Calculation of National Income : Product Method - Income Method - Expenditure Method, Different concepts of National Income, Importance and difficulties in measurement of National Income, New method of Calculation of GDP in India

National Income and Social Accounts : Social Accounts : Main Features, Types of Social Accounts

Module 2 : Theory of Employment and Consumption Function

Theory of Employment: Classical Views on Full Employment, Keynes theory of Employment, Aggregate Demand and Aggregate Supply curve in Classical and Keynesian views

Consumption Function: Keynes' psychological law of consumption Implication of the law; short run and long-run consumption function, Empirical evidence on consumption function, Income-consumption relationship-absolute income, relative income, life cycle and permanent income hypothesis.

Module 3 : Multiplier and Investment Function

Multiplier : Meaning, Types of Multiplier, Its Working, Reserve Operation, Limitations, Importance, Criticism and Leakages, Balanced Budget Multiplier, Multiplier in developing economy.

Investment Function: Autonomous and Induced Investment, Marginal Efficiency of capital and Investment – short run and long run, Acceleration Principle, Interaction of Multiplier and Accelerator (Leverage effect), Influence of policies on investment.

Module 4 : Supply of Money

Components of money supply : Measurement of money supply, RBI Approach to Money Supply - M1, M2, M3 and L1, L2, L3, Deposit Multiplier, High Powered Money and Money Multiplier and factors determining money supply; budget deficit and supply of Money, Control on Money Supply.

Books Recommended :

- Blackhouse, R. and A. Salansi (Eds.) (2000), *Macroeconomics and the Real World (2 Vols)*, Oxford University Press, London.
- D'Souza, Errol (2008), *Macroeconomics*, Pearson Education, Delhi.
- Gupta R.D. and Rana A.S. (1998): *Post-Keynesian Economics*, Kalyani Publishers, Ludhiana.
- Heijdra, B.J. and V.P. Fredericck (2001), *Foundations of Modern macroeconomics*, Oxford University Press, New Delhi.
- Jha, R (1991) : *Contemporary Macro Economic theory and Policy*, Wiley Eastern Ltd.,Jhingan,
- M.L.(1999) : *Macro Economics*
- Keynes, J.M (1936) : *General Theory of Employment, Interest and Money*
- Mithani D. M., *Money, Banking, International trade and public finance*, Himalaya Publications
- Rakshit, M. (1998), *Studies in the Macroeconomics of Developing Countries*, Oxford University Press, New Delhi.
- Reddy.Y.V. (2000): *A Review of Monetary and Financial Sector Reforms in India*, UBSPD, New

M.A. Applied Economics
Semester – I (Major DSC)
Indian Economic Policy

APECO1003 :

Credit - 4

Module 1: Nature of Indian Economy:

Features and Characteristics of the Indian Economy, Demographic features, National income: Trends and Structure,

Growth and Structural Change in the Indian Economy

Poverty and inequality, Nature, policy & implications,

Module 2: Infrastructure and Human Development

Energy, Conventional and Non-Conventional energy development in India

Energy policy – Social infrastructural developments –Education and Health –Recent issues

Human Development in India- Concept and Measurement

Module 3: Planning in India:

Objectives and strategy of planning;

Failures and achievements of Plans;

Inclusive Growth Strategy- 11th and 12th five years Plan

Developing grass-root organizations for development-Panchayats, N.G.O.s and pressure groups

Module 4: The Agricultural Sector:

Agricultural Production and Productivity,

Institutional structure- land reforms in India: technological change in agriculture. Pricing of agricultural inputs and output;

Terms of trade between agriculture and industry;

Agricultural finance policy; Agricultural Marketing and Warehousing; Issues in food security- Policies for sustainable agriculture.

Books Recommended:

1. Agarawal A.N. (2006): Indian Economy: Problems of Development and Planning (2006):
2. A Division of New Age International (P) : Limited, New Delhi.
3. Ahluwalia, I.J. and I.M.D. Little (Eds) (1999), India's Economic Reforms and
4. Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.
5. Bardhan, P.K. (9th edition) (1999), The Political Economy of Development in India, Oxford University Press, new Delhi.
6. Bawa, R.S. and P.S. Raikhy (Ed.) (1997), Structural Changes in Indian Economy, Guru Nanak Dev University Press, Amritsar.
7. Bhargava, P. K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
8. Bhole, L. M. (2000), Indian Financial System, Ghugh Publications, Allahabad.
9. Brahmananda, PR. And V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-state Perspectives, Book well, Delhi..
10. Rangarajan, (2000), Perspectives on Indian Economy -A Collection of Essays, UBSPD publishers Distributors Ltd., New Delhi.
11. Dantwala, M.L. (1996), Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
12. Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
13. Dhingra I. C. (2002): Indian Economy S.Chand New Delhi.
14. Dutt R and KPM Sundharam (2002): Indian Economy: S.Chand New Delhi.
15. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
16. Gupta, S. P. (1998), Post-Reform India : Emerging Trends, allied Publishers, New Delhi.
17. HanumanthaRao C.H. and H.Linnemann (Eds)(1996): Economic Reforms and Poverty Alleviation in India Sage, New Delhi.
18. Misra S.K. and V.K.Puri, (latest): Indian Economy, Himalaya, Publishing house, Mumbai.
19. Mookherjee, d. (Ed.) (1997), Indian Industry : Policies and Performance, Oxford University Press, New Delhi.
20. Mundle, s. (1999), Public Finance : Policy Issues for India, Oxford University Press, New Delhi.
21. Sandesara, J.C. (1992), Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues, Sage Publications, New Delhi.
22. Sen, R.K. and B.Chatterjee (2001), Indian Economy : Agenda for 21st Century (Essays in honour of Prof.P.P.Brahmananda), Deep & Deep Publications, New Delhi.
23. Sen, R.K. and B.Chatterjee (2001), Indian Economy: Agenda for 21st Century (Essays in honour of Prof.P.P.Brahmananda), Deep & Deep Publications, New Delhi.
24. Swamy, D. s. (1994), The Political Economy of Industrialization : from Self reliance to Globalization, Sage Publications, New Delhi.
25. Uma Kapila (2006): Indian Economy-Since Independence-17th Edition, Academic Foundation, New Delhi

M.A. Applied Economics
Semester – I (Major Elective DSE)
Statistics for Economics - I

APECO1004:

Credit - 4

Unit 1 : Introduction to Statistics :

- 1.1 Meaning, Nature, Scope & Significance in Economics
- 1.2 Indian Statistics : CSO, NSSO, Recent Population Census, Agricultural and Industrial Statistics
- 1.3 Types of Measures of Central Tendency : Arithmetic Mean, Median, Mode, Harmonic Mean, Geometric Mean, Percentiles and Quartiles
- 1.4 Methods of measuring Dispersion & Skewness

Unit 2 : Correlation & Regression Analysis :

- 2.1 Correlation Analysis : Karl Pearson's Co-efficient of Correlation, Calculation of Correlation for Grouped and Ungrouped Data
- 2.2 Coefficient of Determination, Correlation by Concurrent Deviation methods, Probable Error & Standard Error, Spearman's Rank Difference method of Correlation
- 2.3 Regression Analysis : Meaning, Importance & Use of Regression Analysis, Regression Line & Equations
- 2.4 Calculation of Regression Co-efficients : Direct Method, Deviation Method & Least Squares Method

Unit 3 : Index Numbers :

- 3.1 Index Numbers : Meaning, Characteristics, Importance and Limitations
- 3.2 Types of Index Numbers : Simple & Weighted
- 3.3 Cost of Living Index Numbers : Meaning, Importance, Type & Computation
- 3.4 Price Index Numbers : Types - Wholesale And Retail Price Index Numbers, Laspeyre's, Paasche's & Bowley's Index Numbers, Fisher's Ideal Index Number, Time & Factor Reversal test of Fisher Formula

Unit 4 : Time Series Analysis, Interpolation & Extrapolation :

- 4.1 Time Series Analysis : Meaning, Components & Importance
- 4.2 Components & Measurement of Secular, Regular, Seasonal, Cyclical & Random Fluctuations
- 4.3 Measurement of Long Term Trend : Free Hand Curve, Semi Average, Moving Average & Least Square Methods
- 4.4 Interpolation & Extrapolation : Definition, Importance & Method's

Books Recommended :

- 1 Goon AM, M.K.Gupta and B.Dasgupta.: Fundamentals of Statistics, Vol.1, The World Press, Ltd,Calcutta.
- 1 Gupta S.C And Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi
- 2 Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
- 3 Gupta, S.P., Introduction to Statistical Methods, S. Chand & Sons New Delhi.
- 4 King, W.I.: The Elements Of Statistical Methods; The Macmillan Co. New York.
- 5 Monga, G.S. (1972), Mathematics and statistics for Economics, Vikas Publishing House, New Delhi.
- 6 Murray R Spigel and Larry J. Stephens : Statistics, McGraw Hill International, Ed.
- 7 Nagar, A. L.and R. K. Das: Basic Statistics Oxford University Press, New Delhi.
- 8 Speigal, M.R., Theory and Problems of Statistics, McGraw hill Book Co., London.
- 9 Veerachamy R.: Quantitative Methods for Economists, New Age International. Ed.

M.A. Applied Economics

Semester-I (Elective)

Rural and Agricultural Economics- I

APECO1005

Credit - 4

Module 1: Introduction to Economics of Agriculture and Rural Development:

Basic Concepts in Agricultural and Rural Economics: History of Rural and Agricultural Development in the World – Importance of Agriculture in Rural Economy in Overall Economic Development – Nature and Scope of Agricultural Economics – National Resource Base of Indian Agriculture – India's Position in World Agriculture – Agricultural Growth in India During Pre and Post Independence Period – Nature and Cropping Pattern–Production and Productivity Trends.

Agricultural Inputs & Land: Labour and Capital Inputs– Agrarian Structure and Dynamics– Land Reforms – Theory and Implications– Theory of Land Tenancy– Experiences and Contemporary Relevance – Important Production Relationships.

Agricultural/Rural Labour: Rural Labour Market – Widening Disparity Between Agriculture and Non-Agriculture – Agricultural Diversification – Farm-Nonfarm Linkages and Diversification of Rural Economic Activities (Pluri-Activity) – Sustainable Rural Livelihoods – Migration and Rural Economy: Forced Migration, Seasonal Migration and Remittance – Employment and Unemployment in Agriculture and its Measurement – Agricultural Wages in India – Reforming Agriculture – Constraints and Scope – Education and Other Socio–Economic Overheads – Its Effect on Agriculture.

Module 2. Theoretical Developments:

Production Functions: Theory and Applications – Allocative and Technical Efficiency – Factor Combination and Resource Substitution – Cost and Supply Curves – Technical Change and Agricultural Productivity– Concept and Measurement – Total Factor Productivity – Resource Use and Technological Changes in Agriculture – Resource and Efficiency in Traditional/Modern Agriculture – Economics of Input and Product Substitution – Instability. Transformation of Traditional Agriculture: Schultz and Mellor's Analysis – Agriculture and Dual Models: Fei-Ranis and Arthur Lewis – Kuznets's Formulations.

Module 3. Current Issues in Agriculture and Rural Development:

Problems of Water Utilization– Over Exploitation, Contamination, Distribution, Mismatch in Availability and Use – Issues Related to Large and Small Irrigation Works.

Supply of Farm Products: Characteristics of Supply of Farm Products – Issues Relating to Specification of Supply Response Function (Distributed Lags, Acreage Vs. Production Response Etc.) – Supply Response in Indian Agriculture.

Price Vs. Non–Price Factors in Inducing Aggregate Supply Growth: Farm Prices – Trends in Relative Prices of Farm Products – Agricultural Industry Linkages – Terms of Trade – Agricultural Subsidies – Sources of Price Variability and Income Instability – Rationale for and Types of Government Intervention for Price Support and Reduction in Instability.

Issues on the Mechanization of Agriculture: GM Crops in Agriculture – Bio Technology – Economic Aspects of Irrigation and Fertilizer Use – Live Stock Management – Dairy Farming – Fisheries Sector – Contract Farming – Value Addition: Processing Industry – Emerging Trends in Agricultural Technology – (Irrigation, Seeds, Fertilizers, Plant Protection Technology)– Green Revolution.

Module 4 : Demand and Markets:

Demand for Farm Products: Characteristics of Demand for Farm Products – Concept and Measurement of Own Price Cross – Price and Income Elasticities of Demand and their Interrelationship – Quantity and Quality Components of Demand for Food – Growth in Demand for Food in Developing and Developed Countries.

Forecasting of Demand for Food Products: The Integration of Different Markets in India and the Structure of Marketing Agencies – Cooperative Marketing – Organized Retailing – Contract Farming – Price Spread – Issues with Respect to Marketed Surplus – Marketing Channels – Price Spread – Producers Share in Consumer's Rupee – Value Chain – Demand for Food In International Markets – Towards Free Trade in Agricultural Commodities. Rural Money Markets: Reorganization of Rural Credit – Formal and Informal Credit Markets –

Role of NABARD– Recent Policy Changes in Regard to Farm Credit and their Implications – Imperfections in Rural Credit Markets in India – Risk and Insurance – Efficient Risk Sharing Formal and Informal Insurance.

Books Recommended:

1. Acharya A.S. and N.L. Agarwal, (2012) Agricultural Marketing in India, Oxford IBH new Delhi
2. Barkley Andrew , Barkley Paul W. (2016), Principles of Agricultural Economics, Routledge.
3. Basu, Kaushik, (1990), Agrarian Structure and Underdevelopment, Harwood.
4. Bhalla, G.S., (2007) Indian Agriculture Since Independence, National Book Trust, New Delhi.
5. Drummond H., Goodwin John (2013) Agricultural Economics: Pearson New International Edition, Pearson.
6. Frank Ellis, (2000) Rural Livelihoods and Diversity in Developing Countries, Oxford University Press, New York.
7. MartiinCarin (2013), The World of Agricultural Economics: An Introduction, Routledge.
8. Moss Charles B. (2013), Agricultural Finance, Routledge
9. Norton George W., Alwang Jeffrey, Master William A. (2014), Economics of Agricultural Development: World Food Systems and Resource Use, Routledge.
10. Penson John, Capps Oral, Rosson C., Woodward Richard (2015), Introduction to Agricultural Economics, Pearson.
11. PranabBardhan, (1998) The Economic Theory of Agrarian Institutions, Clarendon Press, New York.
12. Rao, C. H. Hanumantha, (2005) Agriculture, Food Security, Poverty and Environment: Essays on Post – Reform India, Oxford University Press, New Delhi.
13. Schultz T.W.(1969) Transforming Traditional Agriculture, Yale University
14. Vaidyanathan, A., (2010) Agricultural Growth in India: The Role of Technology, Incentives and Institutions, 2nd edition, Oxford University Press, New Delhi

M.A. Applied Economics

Semester-I (Elective)

Trade cycles

APECO1006 :

Credit-4

Module 1- Introduction

Business cycle- concept, nature, types and scope

Phases of trade cycle, main type of economic fluctuations seasonal

Kitchin, Juglar, Kondratieff, Kuznets & Schumpeter's three type of scheme Building cycle

Historical background of trade cycle theory.

Module 2- Theory of Business Cycle- I

Monetary theory of trade cycle- Hawtrey, Hayek

Non-monetary theory- Spiethoff

Under consumption theory of trade cycle- Malthus, Karl marks,

Module 3- Theory of Business Cycle- II

Theory of trade cycle- Keynesian, Hicks, Innovation theory of trade cycle- Schumpeter Modern theories of trade cycle- Kelecki, Econometric models of trade cycle- Timbergen

Unit 4- Business Cycles History

World great depression (1929-33)- features, causes, effects, characteristic

Nature of business cycle after the second world war,

Business cycle history during 19th & 20th century

Developing countries and business cycles, nature of trade cycle in underdeveloped

Methods of measurements of cyclical fluctuations

Policies & measures for business cycle- monetary & fiscal qualitative & quantitative measure,

Books recommended.

1. Esteyl.a. business cycles- their nature causes & control Gordon, r.a. business fluctuations.
2. Harberler, g. Prosperity and depression.
3. Hicks, j.r. business cycles and national income
4. Kaleckij.r. a contribution to the theory of trade cycle
5. Ludbergeric: he business cycles in the post world war.
6. Shuklad.k. business cycle analysis.
7. World bank (1993) east asian miracle world bank report washingtond.c.
8. Goldstein, m.(1998) the asian financial cresiscresis, cacre and systematic implication institute for international economics washingtond.c.
9. Kindleberger. C.p. (19960 a history of financial crisis manias, prices and crashes (3rd ed) john wiley and sons, new york
10. Bhargavap.k. (1991) India's fiscal crisis, ashish publishing house, new delhi.
11. Vaidyanathan a, (1995) the Indian economy crisis response and prospects. Onentlongmansnew Delhi.
12. Mahore R. y. : business cycle

M.A. Applied Economics

Semester-I (Elective)

Public Economics- I

APECO1007

Credit- 4

Module 1: Introduction Role of Government:

The Role of the Government in a Changing Perspective

Government as an agent for economic planning and development

Private Goods, Public Goods, Social Goods, Merit Goods and Mixed Goods- meaning & characteristics

Public finance vs private finance Taxable Capacity- Meaning, Types and Measurement Taxable Capacity- Meaning, Types and Measurement

Monetary and Fiscal Policies- Meaning, Objectives and interdependence

Module 2: Public Choice

Public finance and the economy

Principle of public finance

Maximum Social Advantage, Musgrave's view on MSA Test & Limitation of the Theory of MSA

Private and public mechanism for allocating resources, problems for allocating resources, problems of preference revelation and aggregation of preferences, an economic theory of democracy.

Module 3: Rational for Public Policy

Problems of preference revelation and aggregation of preferences

Arrow impossibility theorem;

An economic theory of democracy; Politico-eco-bureaucracy Demand-revealing schemes for public goods- Tiebout model, Theory of club goods.

Liquidity preference; Social goals; Poverty alleviation, Provision of infrastructural facilities, removing distributional inequalities and regional imbalances.

Stabilization Policy-Keynesian case for stabilization policy, Uncertainty and expectations, Failure of inter-temporal markets;

Module 4: Government Budget and Revenue

Budget – Meaning, kinds, Components, Preparation, Presentation and Execution of Budget.

Type sources & Trends in Revenues of Union, State and Local Bodies since 1991; Economic Reforms in Direct and Indirect Taxes

Budgeting trends & techniques – Zero base, Gender base, Outcome, Incremental, Traditional, Programme budgeting; Balance budget Multiplier

Books Recommended:

1. Atkinson, A.B. and J.E. Siglitz (1980): Lectures on Public Economics, Tata McGraw Hill, New York.
2. Auerbach, A.J. and M. Feldstern (eds.) (1985): Handbook of Public Economics. Vol.1, North, Holland, Amsterdam.
3. Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
4. Bhargava, P.K. (1984): Some Aspects of Indian Public Finances, Uppal Publishing House, New Delhi
5. Bhargava, P.K. (1991), India's Fiscal Crisis. Ashish Publishing House, New Delhi.
6. Bhatia, H.L. (2000): Public Finance, Vikas Publishing House Pvt. Ltd. Delhi.
7. Chellaih, Raja J.(eds,)(1997), Towards Sustainable Growth, Oxford University Press, New Delhi.
8. Datt, R. (Ed.)(2001), Second Generation Economic Reforms in India, Deep & Deep, Publications, New Delhi.
9. Gandhi, V.P. (1970): Some Aspects of India" s Tax Structure, Vora and Company, Bombay.
10. HemlataRao (2006) Fiscal Federalism –Issues and Policies, New Century Publications, New Delhi.
11. Kirit S. Parikh (Ed.) (1999) India Development Report -1999-2000, Oxford University Press,

M.A. Applied Economics

Semester-I (Elective)

Industrial Economics - I

APECO1108

Credit - 4

Module 1:

Industrialisation: Meaning, Nature and scope of industrial economics.

Organization of a firm: Concept, types of organisation forms, objectives of a firm.

Meaning of industrialisation, rationale for industrialisation, Role of Industrialization in Economic Development - Factors for and against industrial development. Strategies for industrialisation.

Module 2:

Size and location of the firm: Measures of size of firm, Concept of optimum firm, Factors determining optimum size of a firm.

Determinants of Industrial Location - Technical, economic, infrastructural and other factors .

Theories of Industrial Location: Weber, Sargent Florence.

Industrial Imbalance: Causes and Measures. Need for Balanced Regional Development of Industries.

Module 3:

Industrial Productivity & Efficiency: Meaning & determinants of efficiency.

Productivity: concept and Measurement, Distinction between productivity & production. Factors affecting Productivity and Capacity Utilization, Importance of Productivity in the Competitive Environment. Measures required for Improving Productivity and Efficiency, National Productivity council.

Labour productivity: concept and determinants. Tools for improvement of labour productivity.

Module 4:

Profitability & investment analysis: Meaning & measurement of profitability. Market conditions favourable for profitability.

Investment decisions: Nature & type, Methods of evaluating investment expenditure – Payback method, ARR, NPV and IRR. Ranking of Projects. Social Cost Benefit Analysis –Balancing private and social returns.

Assessment of financial soundness of the firm: Ratio analysis, Break Even analysis.

Books Recommended:

1. Ahluwalia, I.J: Industrial Growth in India (Oxford University Press, New Delhi, 1985)
2. Barthwal, R.R: Industrial Economics (Wiley Eastern Ltd, New Delhi, 1985)
3. Cherunilam F: Industrial Economics: Indian Perspective (3rd Edition) (Himalaya Publishing House, Mumbai, 1994)
4. Desai B: Industrial Economy in India (3rd Edition) (Himalaya Publishing House, Mumbai, 1999)
5. Kuchhal S.C.: Industrial Economy of India (5th Edition) (Chaitanya Publishing House, Allahabad, 1980)
6. Singh. A and A.N Sadhu: Industrial Economics (Himalaya Publishing House, Bombay, 1988)

M.A. Applied Economics

Semester-I (Minor)

Research Methodology

APECO1009

Credit - 4

Module 1 : Introduction to Research

Meaning, Characteristics of Research, Pure and applied Research in Social Science, Need of Research in Business and Social Sciences, importance and utility of Social Science Research, Objectives of Research; Types of Research: Basic Research, Applied Research, Descriptive Research, Analytical Research and Empirical Research; Issues and Problems in Social Science Research.

Module 2 : Research Methodology

Meaning of Research Methodology;

Research Process, Research Problem- Meaning, need and formulation

Hypothesis- Meaning, types and Formulation

Module 3 : Research Design and Sample Design

Research Design —Meaning, Types and Significance

Sample Design —Meaning and Significance Essentials of a good sampling, Stages in Sample design Sampling methods/techniques, Sampling Errors

Module 4 : Methods and Techniques of Data Collection

Sources of Data: Primary Data —Meaning, Significance and Limitations, Secondary Data — Meaning, Significance and Limitations;

Collection of Primary Data-Observation method, Survey through Questionnaire, Interview Technique Collection of Secondary Data; Factors influencing choice of method of data collection;

Designing of questionnaire - Meaning, types of questionnaire, Stages in questionnaire designing, Essentials of a good questionnaire.

Books Recommended:

1. Wilkinson and Bhandarkar -Methodology and Techniques of Social research —Pauline, Young-Scientific Social Surveys and Research
2. Goode and Hatt -Methods in Social Surveys and Research
3. Krishnaswamy K.N. and AppalyerSivakumar (2009): Management Research Methodology, Pearson Education Publication, New Delhi.
4. Sharma Prasad and Satyanarayana (ed) Research Methods in Social Sciences Moser and Kalton - Survey Methods in Social Investigations
5. Sadhu and Singh -Research Methodology in Social Sciences

**M.A. Applied Economics
Semester-II (Major DSC)**

Advanced Microeconomics —II

APECO2001

Credit 4

Module 5 :Price and output under Monopoly and Monopolistic

competition price and output Under Monopoly : sources-of Monopoly, price-output Equilibrium under Monopoly. Price Discrimination: Degrees of Price Discrimination, Equilibrium under Price Discrimination' Measurement of the Degree of Monopoly Power' Price and Output under Bilateral Monopoly' Price and Output Under Monopolistic Competition : Price-Output Equilibrium under Monopolistic Competition' Chamberlin's Alternative Approach' Excess Capacity Under imperfect Competition : The Concept of Excess Capacity - Cassel's Two Concepts of Excess Capacity' Chamberlin's Concepts of ideal Output and Excess Capacity' Importance of Advertising and other Selling Costs under Monopolistic Competition and Oligopoly.

Module 6 :Price and Output under Oligopoly

Price and Output Under Oligopoly: Classical Models of Oligopoly - Cournot Model' Bertrand's Model and Edgeworth Model, Stackelberg, collusive and non-collusive oligopoly model' Kinked Demand Curve Hypothesis' Game Theory. Prisoners' Dilemma, Application of Game theory to oligopolistic Strategy. Theory of Limit Pricing : Bain's Model of Limit Price' Sylos Model of Limit Pricing and Modigliani's Model of Limit Pricing'

Module 7 :Theory of Distribution

Marginal Productivity Theory of Distribution: Clark's Version of Marginal Productivity Theory; Marshall-Hicks, Marginal Productivity Theory. Wage determination under Perfect Competition and Monopoly in Labour Market. Ricardo's Theory of Rent, Scarcity Rent, Quasi Rent. The Theory of Interest: Classical Theory of Interest' Loanable Funds Theory of Interest' Keynes's Liquidity Preference Theory of Interest' Theory of Profit: Innovations and Profits' Risk' Uncertainty and Profits' Alternative Theories of Distribution: Ricardian Theory, Marxian Theory' Neo-Classical Theory' Kalecki's Degree of Monopoly Theory and Keynesian-Kaldor's theory' Product Exhaustion Theorem - Euler Theorem

Module 8 :Welfare Economics

Introduction to Welfare theory: Individual and Social Welfare, Role of Value judgment'

Pareto's Criterion of Social welfare'

Welfare Theories: Kaldor, Hicks Welfare Criteria, Scitovsky Paradox, Bergson, Samuelson Social Welfare function, Arrows Theory of Social Choice 'Rawls theory of justice' Sen's Social Welfare Theory. Market Failure and public Goods-concepts, externalities, Market failure and role of government

'Books Recommended :

1 Ahuja H. L., Advanced Economic Theory : Microeconomics Analysis, 13th Edition, S. Chand and Co' Ltd., New Delhi.

2. Baumol. w.J. (1982), Economics Theory and operations Analysis, Prentice Hall of India. New Delhi.

3. Dewett K. K., Modern Economic Theory' S. Chand & Company Ltd, Revised Edition, 2005.

4. Jhingan M. L., Micro Economic Analysis, Vrinda Publications

5. Koutsoyiannis, A. (1979): Modern Microeconomics, 2nd ed., Macmillan Press, London.

6. Kreps, David M (1990): A Course in Microeconomic Theory, Princeton University Press, Princeton.

7. Sen, A. (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.

8. Stigler, G. (1996): Theory of Price, 4th ed., Prentice Hall of India, New Delhi'

9. Varian, H. (2000): Microeconomic Analysis, W.W. Norton, New York.

Post Graduate Teaching Department! Gondwana University, Gadchiroli

M.A. Applied Economics

Semester-II (Major DSC)

Advanced Macroeconomics— II

APECO2002 Credit- 4

Module 5 : Demand for Money

Classical approach to Demand for Money: Quantity theory of Money, Cambridge Quantity theory, derivation of LM Curve,

Modern approach to Demand for Money: Keynes Quantity Theory of Money, Baumol Model of money Demand (Inventory Approach), Tobin's Model of money demand (Portfolio Balance), Patinkin's Monetary model (real balance Effect), Friedman's modern Quantity Theory of Money (Wealth Theory)

Module 6 : Interest Theories

Rate of Interest: Classical, Neoclassical (Loanable Fund Theory of interest), Keynesian Theory of Interest, Liquidity Trap, Relative effectiveness of monetary & fiscal policies, Interest rates and price expectations - Nominal and real interest rates, Inflationary expectations and interest rates. Wage Flexibility: Keynes and Pigou effect

Module 7: Theories of Inflation

Theories of Inflation : Meaning and Types, Inflationary Gap : Convergent and Divergent Inflationary Gaps, Theories of Inflation : Demand Pull, Cost Push and Mixed Inflation, Effects of Inflation, Inflation in Developing Economies - Inflation and Economic Growth, Short run and long run Phillips Curve, Tobin's modified Phillips Curve' Adaptive Expectations and rational expectations policies to control Inflation

Module 8 : Trade Cycles and Financial markets

Theories of business Cycle : Acceleration Principle and Business Cycle, Samuelson model and Super Multiplier, Monetary Theory of trade Cycle (Hawkey) and Monetary Overinvestment Theory (Hayek), Hicks theory of Trade Cycle and Kaldor Model of trade Cycle

Markets : Money Market - Characteristics and Constituents, Capital Market - Instruments and institutions of money and capital markets

Books Recommended :

1. Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World
2 (Vols), Oxford University Press, London.
2. D'Souza, Enol (2008), Macroeconomics, Pearson Education, Delhi'
3. Gupta R.D.andRana A.S. (1998): Post-Keynesian Economics, Kalyani Publishers, Ludhiana.
4. Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modem macroeconomics, Oxford University Press, New Delhi.
5. Jha, R (1991) : Contemporary Macro Economic theory and Policy, Wiley Eastern Ltd..
6. Jhingan, M.L.(1999) : Macro Economics
7. Keynes, J.M (1936): General Theory of Employment, Interest and Money
8. Mithani D. M., Money, Banking, International trade and public finance, Himalaya Publications
9. Rakshit, M. (1998), Studies in the Macroeconomics of Developing Countries, Oxford University Press, New Delhi.
10. Reddy.Y.V. (2000): A Review of Monetary and Financial Sector Reforms in India, UBSPD, New Delhi.

M.A. Applied Economics
Semester - II (Major DSC)
Financial Institution & Market – I

APECO2003

Credit - 4

Module 1: Introduction of Indian Financial System

Nature & Role, Functions, Structure of Financial System. Equilibrium in financial Markets. Financial System and Economic Development. Meaning and Indicators of financial developments. Reforms in financial system (Narasimham Committee Report 1991 and 1998). Financial inclusion: meaning, need and initiatives.

Module 2: Structure of Interest Rates

Theories of level of interest rate determination. Term Structure of Interest rates: meaning and theories of structure of interest rates and determinants of general structure of interest rates. Interest rates in India: Administered & Deregulation of interest rates, Features & Trends of interest rates in India. Appropriate interest rate policy.

Module 3 : Banking in India

Growth and structure of banking in India 1970. Asset Liability Management of Commercial Banks, Management of NPAs, Diversification on Commercial Banking, Profitability and Productivity of Commercial Banks in India, Co-operative Banks – Structure, Performance and Policy. The Reserve Bank of India: Roles and Functions, Monetary Policy of the RBI, Techniques of Monetary Control, Recent Policy Developments, Liquidity Adjustment Facility (LAF).

Module 4: Development Banking:

Development Banks-Role and functions & performance, Non-Banking Financial Intermediaries: functions, types and significance. Small Savings: Concept & importance & types. Provident funds and pensions funds. Mutual Funds: Concept, importance & types Investment banks and Merchant banks. Insurance: origin & development. Role and functions of IRDA.

Books Recommended:

1. Bhole L M, 5th edition, Financial Institutions & Markets, Tata McGraw, New Delhi.
2. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi.
3. PathakBharti, 2009, Indian Financial System, Pearson Education Publication, New Delhi
4. Shrivastava P.K., Banking Theory and Practice, Himalaya Publishing House, New Delhi,2009.
5. RBI Bulletin and various RBI Report

M.A. Applied Economics
Semester - II (Major Elective DSE)
Statistics for Economics - II

APECO2004

Credit - 4

Module 5: Sampling Distribution, Estimation and Hypothesis

Sampling - Introduction, Advantage of Sample Survey, Sample Designs and Methods of Sampling - Random and Non-random Sampling Distributions

Estimation - Meaning, Types, Characteristics, Importance

Hypothesis - Meaning, Concepts, Types, Errors, level of Significance, Critical Region, Confidence Interval and Confidence Limits, One Tailed and Two Tailed Test, Critical Values and Significant Values. Type I and Type II Errors

Module 6: Statistical Inference

Test of Significance - Small Sample and Large Sample

Chi-Square analysis Analysis of Variance

Module 7: Time Series Analysis and Forecasting

Time Series Analysis -Meaning, Nature, Components of Time Series and Importance, Additive and multiplicative Model, Measurement and Projection of Trends, Measurement of Seasonal, Cyclical and Random Fluctuation, Forecasting - Meaning, Importance and Methods- Delphi, Expert Judgement, Box-Jenkins

Module 8: Index Numbers

Index Number- Meaning, Characteristics, Importance and Limitations, Methods of Computation of Index Numbers- Simple and Weighted.

Cost of Living Index Numbers: Meaning, Importance, Types, Methods of Computation of Cost of Living Index Number, Concept and use of CPI and WPI

Books Recommended:

1. Gupta S.C and Mrs. Indira Gupta: Business Statistics: Himalaya Publishing House; Delhi
2. Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons New Delhi.
3. Gupta, S.P., Introduction to Statistical Methods., S. Chand & Sons New Delhi.
4. King, W.I.: The Elements of Statistical Methods; The Macmillan Co. New York.
5. Anderson, Sweemey and Villiams, Statistics for Business and Economics, Cengage Learning publication, New Delhi.

Post Graduate Teaching Department, Gondwana University,

M.A. Applied Economics

Semester – II

Monetary Policy in India

APECO2005

Credit - 4

Module 1 : Central Bank & Reserve Bank of India

Changing Role and Need of Central Banking Origin and evolution of Central banking Role of Central Bank in emerging Economies Need and Rationale of Central Bank. Autonomy of Central Banks, Evolution of Reserve Bank of India (R.B.I.), Functions and Regulations of Reserve Bank of India, The Reserve Bank as currency authority: Issue of currency notes, Asset banking for note- issue, Distribution of currency, Currency chests, Recent developments in currency management. The Reserve Bank as banker to Government: Maintenance of Government accounts, Banker to the Central Government and the State governments, Management of public debt.

Module 2 : Regulation and supervision over commercial banks

RBI as a Banker's Bank: Controller of Credit, Lender of Last Resort, RBI as a Custodian/Manager of Foreign Reserves, Promotional Functions of RBI, Regulation and Supervision of Reserve Bank over Commercial banks, Licensing of banks, Opening of new banks, Branch Licensing, Foreign banks, Cash reserves and liquid assets, Prudential norms, Capital and reserves, Control over methods of operation, New Banking Licensing Policy **Para banking activities.** Control over management, Annual accounts and audit, Subsidiaries of commercial banks, Credit Information Bureau of India Ltd. (CIBIL) Bank Assurance, Portfolio Management Services, Pension Fund Managers, Mutual Fund Business, Underwriting of Bonds of PSUs, Investment in Venture Capital Funds etc.

Module 3 : Non-Banking Financial Companies (NBFCs)

Non-Banking Financial Companies (NBFCs) Meaning and types of NBFCs, Role of NBFCs Problems of NBFCs, Measures for supervision over NBFCs., Revised Regulatory framework for NBFCs, Monetary Policy and Macro-economic environment management: Objectives of monetary policy: Price stability, Generation of employment, Exchange Rate Stability, Balanced growth etc., conflict between objectives: Growth v/s Inflation. RBI's Monetary Policy Committee and the

Instruments: Formation of Monetary Policy Committee: Purpose, Functions, Constitution and Decision Making;

Module 4 : Fiscal Policy & Monetary Policy

Fiscal Policy v/s Monetary Policy Instruments of monetary policy -: Mechanism and Effectiveness of the instruments like- Bank Rate, Cash Reserve Ratio, Statutory Liquidity Ratio, Repo Rate, Reverse Repo Rate, Marginal Standing Facilities Rate RBI's Monetary Policy: A review of monetary policy of the Reserve Bank of India in the last Five Years — Recent policy changes announced by the R.B.I. Reserve Bank of India and Financial

Inclusion: Meaning of financial literacy and importance of financial literacy Meaning of financial inclusion and importance of financial inclusion Role of RBI in Financial Inclusion

R.B.I. and Rural credit: Priority Sector Advances, Role of NABARD Microfinance: Meaning of microfinance, functions of microfinance, progress of microfinance.

References:

1. Venugopal Reddy Y.; Monetary & Financial Sector Reforms in India
2. Jhingan M.L., Vrinda; Money, Banking, International Trade and Public Finance Publications Ltd.
3. Fabozzi Frank J.; Foundation of Financial Markets and Institutions- Dorling Kindersley Pvt. Ltd.
4. Sharma Hemant; Encyclopaedia of Banking and Finance — Cyber Tech Publication, New Delhi Financial Markets and Institutions in India- Dr. Sunil Shete, Success Publications.
5. Indian and Global Economy — Dr. M. U. Mulani, Success Publications Govt. of India Economic Survey R.B.I.: Functions and Working — R.B.I. Publication.
6. R.B.I. Bulletins. R.B.I. Annual Reports. Reports on Trend & Progress of Banking in India- R.B.I. Publication www.rbi.org.in
- Monetary & Financial Sector Reforms in India — Y. Venugopal Reddy.
7. Business Aspects in Banking and Insurance- O.P. Agarwal, Himalaya Publishing House Banking Theory and Practice- K.C. Shekhar and Lekshmy Shekhar, Vikas Publishing House Pvt. Ltd.
8. Money, Banking, International Trade And Public Finance- M.L. Jhingan, Vrinda Indian Economy: Essays on money and finance, Dr. C. Rangarajan
9. Monetary Economics for India, Dr. Narendra Jadhav Govt. of India- Economic Survey Trends & Progress of Banking in India- R.B.I. Annual Report on Trend and Progress of Banking.

M.A. Applied Economics

Semester-II (Elective)

Rural Economy & Social Change

APECO2006

Credit - 4

Module I : Introduction of Rural Economy

Concept and Nature of Rural Economy; Factors affecting rural Economy. Basic Needs of Rural Economy; Housing; Health, education, Training, drinking water supply;

Electricity, sanitation, rural Roads, transport and communication, rural stabilisation,

Utilization of Local Human & Natural Resources

Role and Status of Women: Role of gender inequality, status of women in different ages, nature of women disabilities in Indian society, causes of women decline, women's problem in present age.

Rural Economy of India: size and structure, characteristics of Rural Economy

Module 2 : Rural Social Problems:-

Inequality of Caste: Definition, Characteristics, constructive demerits of caste inequality,

Problems of Lower or untouchable caste, changing pattern of Leadership (Caste base)

Problems and Remedies of the backward classes- Meaning, disabilities, problems, constitutional provisions to solve the problems, government measures for development.

Jajmani system- concept & structure; Domestic Violence: Meaning of violence against women, nature of violence, major causes of rape and measures, causes of domestic violence and measures.

Suicide: Meaning, causes of suicide in relation to rural people, preventive solution

Problems related to Land: Types of techniques of farm production, problems of landowners and Landless Labours and artisans, measure to reduce rural problems, trends of land

acquisition by Businessmen, industrialist, politicians and Bureaucrats.

Module 3 : Globalization Rural Industrialization

The Role of Rural Technology - need & importance of rural Technology, appropriate rural Technology, Technology for Rural Women, difficulties in adoption of rural technology.

Globalisation of Rural Economy- Globalisation and aims and objectives; Impact Of Globalisation on rural economy, Contract farming, corporate farming, SEZ's and Agriculture.

Globalization with reference to poverty: - Meaning, policy, globalization and poverty, WTO policy, Gandhi's ideas about rural development.

Agro-base Industries - Importance, problems, solutions

Module 4 :Dynamics of Social change in Rural India

Meaning, characteristics and sources of Social Change;

Social mobility, mobilization and change; Meaning of empowerment, economic, political, Social and cultural empowerment; Current status of Rural Development programmes and the emerging challenges; Developing countries & Globalisation; Process of Urbanisation and Rural-Urban link

Books Recommended:

1. Sundaram, I. Satya. Rural Development. Mumbai: Himalaya Publishing House, (latest).
2. Datt and Vasant. Fundamental of Rural Development New Delhi: Rawat publication, (latest).
3. Datt and Rudra. Growth Poverty and Equality New Delhi: Deep and Deep Publication, (latest).
4. Khanna, Sulbha. Rural Development New Delhi: Sonali Publication, 2003. 5. Prasad, B.K. Rural Development New Delhi: Surupand Sons, 2003.
6. Narwani, G. S. Training for Rural Development, New Delhi: Rawat Publications, 2002.
7. Rao K. Hanumantha Rural Development Statics - 2007-08, National Institute of Rural Development Ministry of R. D., Govt. of India, Rajendra Nagar, Hyderabad - 30 July, 2008.
8. Desai, Vasant. Rural Development in India Mumbai: Himalaya Publishing House, latest.
9. Prakash, I. Satya. Rural Development in India New Delhi: Himalaya Publishing House, --
10. Rao, B.S. Vasudev. Rural Resources and Development Delhi: Associated Publication,

M.A. Applied Economics

Semester-II (Elective)

Human Development

APECO2007

Credit - 4

Module - 1 :Nature of Human Development

Concept of Human development- Components of human Development.

Human Development and Economic Development: Human Development and Human Rights.

Human Resource Development; Usefulness of Concept Gender and Human Development

Module - 2: Measurement of Human development

Human Development index- Measurement of Human Development: Limitations of Human Development measure

Political Freedom- Index of Economic Freedom, Human Development index and Poverty index.

Multidimensional Poverty Index.

Module - 3: Human development in India

Human Development and Economic Growth with Indian context.

Status of Human Development in Indiaand inter State comparison;

Human Development and Poverty, Human Development and Backward classes.

Module - 4: Expenditure on Human Development in India

Human Development Expenditure in India and States (Public spending)

Primary Education, Human Development and India's disadvantaged group

Social Capital -Economic Attainments and Well-being, Millennium Development Goals

Books Recommended :

1. Baru, R.U. (1998): Private Health Care in India; Social Characteristics and Trends, Sage Publications, New Delhi.
2. Dwivedi R.S. : Human Relations and Organizational Behaviour -Global perspective, Mac. Millan , India.
3. Human development in South Asia, 2001, published for the MahbubulHaq Human development Center, Oxford.
4. Lokslmansamy, T- Economics of Human Behaviour al and Publishers Ltd.
5. Mc. Mohan, W.W. (1999): Education of Development: Measuring the Social Benefit, Oxford University Press Oxford.
6. Michael, V.P : Human Resources Management and Human Relations, Himalaya Relations, Himalaya Publishing House.
7. National Human development Report; Govemment of India, latest.
8. Panchamukhi, P.R. (1980): "Economics of Health: A Trend Report" in ICSSR: A Survey of Research Economics, Vol .VI, Infrastructure, Allied, Delhi.
9. Rao T.V. Et.al :Altemative approaches and strategy of human resources development.
10. SubbaRao P. : Essentials ofHuman Resources Management and Industrial Relations, Himalaya Publishing House.
11. Tilak, J.B.G. (1994): Education for Development in Asia, Sage Publications, New Delhi.
12. LfNDP- Human Development Reports, Annual Reports.
13. Woodhall, M. (1992): Cost-Benefit Analysis in Educational planning, LINESCO, Paris.
14. World Bank (1993): The world Development Report, 1993: Investing in Health, Oxford University Press, New York.
15. Datta, Ruddar.(2002) Human Developmentand Economic Development, Deep and Deep

M.A. Applied Economics

Semester-II (Elective)

Urban Economics

APECO2008

Credit - 4

Module I :Urbanization: Concept and Characteristics

Introduction:Urbanization meaning characteristics and concepts, The Process Of Urbanization.

factorsaffecting urbanisation, Features ofUrbanization in Developing Countries.

Urbanisationin India - factors and trends ofurbanization, Urbanization and urban growth; components, Effects of urbanization.

Module 2 Urban Problems

Problems of Urban area :Immigration, Problems of Urbanization, Urban Transportation,

Slums, Housing and Urban Renewal, Urban Water Supply, sewerage system, Crime and PublicHealth;

Environmental pollution and health, transport and communication Problems.

Module 3 :Urban Planning in India

planningin India : Concept of town and urban planning, Principles of Urban Planning in India,

Urban Policies and Practices in India, Planning of Mega City, 21st Century Urbanization in India

Growth of Urban Population, Urbanization without labour absorption in India.

Module 4 :Urban Finance, Management and Theory of Local Finance

Urban Finance :Financingof Urban Infrastructure, Municipal administration, Urban modelling,

Private Sector Participation in Financing Urban Infrastructure

Local Finance :Local government; meaning and types, Theory oflocalFinance, 73rd and 74th

constitutionalamendments and local finance, Finance Commission and Local Finance.

Books Recommended:

- Bose, A. N. (1980), Urban Economics :A Trend Report in Indian Council of Social Science Research, A Survey of Research in Economics, Vol. 6, Infrastructure, Allied Publishers.
- BrianceA and RavinderSingh, (edited) (1995) Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi)'
- Dube, K. K. and a. K. Singh (1988), Urban Environmental in India, Inter-India, New Delhi.
- Fred Durr, The Urban Economy (London, Index Educational Publishers) 1971-
- Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy (New York)
- Leathy, McKee, Dean (1970) Urban Economics, Collier- Macmillan Limited, London
- LolydRdowinand Assocaites(1969).Planning Urbangrowth and Regional Development (London :M.T.Press)
- Mark Garrett, (1996) Transportation Planning (Sage Publications, New Delhi)
- Maurya, S. D. (1989), Urbanisationand Environmental Problems.
- MiskaR. P, K. V. Sundaramand V. L. S. PrakasaRao(1974), Regional Development Planning in India, Vikas Publishing House, Delhi.
- Mohan, R. (1979), Urban Economics and Planning Models, John Hopkins University press, Baltimore.
- Report Of the Task Forces on Housing and Urban Development-I Planning Of Urban Development (l 983), Planning Commission.
- Sharma, R.C., (1972) Settlement Geography of the India Desert, Kumar Brothers, New Delhi
- Shrivasta, O.S. (1992) Regional Economics: Theoretical Issues, Anmol Publications, N

Structure and Credit Distribution of M.A. Applied Economics Programme (NEP - 2020) 2023-24

Year	Level	Semester - II				Teaching & Learning Scheme				Examination Evaluation & Assessment Scheme											
I	5.0	Sr No	Major	Course Code	Title of Paper	Teaching Hours per week				Theory					Practical					Total	
						Theory	Practical/ Tutorial	Total	Total Credit	Max Marks		Minimum Passing grade /Letter point			Duration in Hours	Max Marks		Minimum Passing grade /Letter point			
										Theory	Internal	Theory	Internal	Total		Practical	Internal	Practical	Internal		Total
						Theory	Internal	Theory	Internal	Total	Practical	Internal	Practical	Internal	Total						
		1	Mandatory	APECO2001	Advanced Micro Economics - II	4	-	4	4	80	20	32	8	40							100
		2	Mandatory	APECO2002	Advanced Macro Economics - II	4	-	4	4	80	20	32	8	40							100
		3	Mandatory	APECO2003	Financial Institution And Markets	4	-	4	4	80	20	32	8	40							100
		4	Elective (Any One)	APECO2004	Statistics For Economics - II	4		4	4	80	20	32	8	40							100
	APECO2005			Monetary Policy In India																	
	APECO2006			Rural Economy And Social Change																	
	APECO2007			Human Development																	
	APECO2008			Urban Economics																	
		5	OJT/FP	APECO2009	On Job Training: Internship/ Apprenticeship or FP: Field projects	0	2*	4	4	0	0				4#	80	20	32	8	40	100
					Total	16	2	20	20	320	80				4	80	20				500

*Contact Hours (average per week) of the teacher for supervision and guidance in case of Field Project

Student expected to spend (average per week) for Field work (Project)

Structure and Credit Distribution of M.A. Applied Economics Programme (NEP - 2020) 2023-24

Year	Level	Sem I & II	Major		RM	OJT / FP	RP	Cumulative Credit
			Mandatory	Elective (Any one in Sem I and any one in sem II)				
I	5.0	Semester I	APECO1001 : Advanced Micro Economics - I (4) APECO1002: Advanced Macro Economics - I (4) APECO1003: Indian Economic Policy (4)	APECO1004: Statistics For Economics-I APECO1005: Rural and Agriculture Economics APECO1006: Trade Cycle APECO1007: Public Economics APECO1008: Industrial Economics	APECO1009: Research Methodology			20
		Credit	12	4	4	0	0	
		Semester II	APECO2001 : Advanced Micro Economics - II (4) APECO2002: Advanced Macro Economics - II (4) APECO2003: Financial Institution And Markets (4)	APECO2004: Statistics For Economics - II APECO2005: Monetary Policy In India APECO2006: Rural Economy And Social Change APECO2007: Human Development APECO2008: Urban Economics		APECO2009: On Job Training: Internship / Apprenticeship or FP: Field projects		20
		Credit	12	4	0	4	0	
TOTAL (Sem I & II)			24	8	4	4	0	40

EXAMINATION PATTERN (UNDER NEP 2020)

M.A. APPLIED ECONOMICS

M.A. (Part I) Semester I & II Examination

Time: Three Hours

Max Marks: 80

Instructions:-

- i) All questions are compulsory.
- ii) All question carry equal marks
- iii) Draw neat diagrams wherever necessary.
- iv) Give correct question number to the answer.

- | | |
|---|----|
| 1. Broad question any one internal choice. | 16 |
| Marks each - 16 | |
| 2. Broad question any one internal choice. | 16 |
| Marks each – 16 | |
| 3. Write Any Two questions (Out of 4 ABCD). | 8 |
| Marks each - 16 | |
| 4. Write Any Two questions (Out of 4 ABCD). | 8 |
| Marks each – 16 | |
| 5. Write short notes (Four) | 4 |
| Marks Each – 16 | |

Note:-Question pattern from 01 to 05 shall be from any four units. For example, question No. 01 can be from any Module or unit of 01 to 04 from the syllabus. Similarly question No. 02, 03, 04 shall be from any module or unit of 01 to 04 & question no. 05 will be from all module or all unit. 01 to 04.