

M.A. Part -I : Semester-II (Core Course)
2T1: Micro Economic Analysis – II

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

Theory of Rent: Ricardian 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.

The Theory of Profit : Innovations and Profits. Risk, Uncertainty and Profits.

Alternative Theories of Distribution :Ricardian Theory, Marxian Theory, Neo-Classical Theory, Kaleckis Degree of Monopoly Theory and Keynesian-Kaldor's theory.

Product Exhaustion Theorem – Concept, 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.

M.A. Part -I : Semester-I (Core Course)
2T2: Macro Economic Analysis – II

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), Tobins Model of money demand (Portfolio Balance), Patinkins 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, Tobins modified Phillips Curve, Adaptive Expectations and rational expectations polices 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 (Hawtrey) 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, Errol (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 Modern 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. Part – I: Semester – II
(Elective Course – Group C)
2T3: Statistics for Economics - II

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.

M.A. Part – I: Semester - II
(Elective Course – Group C)
2T4: Indian Economic Policy – II

Module 5: Industrial Sector:

Trends in Industrial Production and Productivity, Changes in Industrial pattern during Plans
Public Sector enterprises and their performance; Industrial Sickness in India;

Small-scale and Cottage Industries: Meaning, Classification and Role in Indian Economy,
Problems and Government Policy.

Industrial policy; Privatisation and disinvestment debate;

Module 6: External Sector:

Structure and direction of foreign trade;

India's Balance of payments;

Foreign Capital and Aid

India's Exchange Rate Policy; Foreign Exchange Reserves and Capital Account Convertibility

Multinational Corporation, FERA and FEMA;

Module 7: Financial Sector:

Indian Money Market- Organized and unorganized sector, Characteristics and reform measures
Commercial Banking System, Banking Sector Reforms,

Non-Banking Financial Intermediaries;

Monetary Policy of RBI, Control of currency and credit by RBI,

Capital market in India, SEBI and capital market development,

Module 8: Economic Reforms

Economic reforms in India;

Globalisation and its impact on Indian economy;

W.T.O. and India;

Fiscal sector reform in India.

Need for and issues in good governance;

Books Recommended :

1. Agarawal A.N. (2006): Indian Economy: Problems of Development and Planning (2006): A Division of New Age International (P) :Limited, New Delhi.
2. Ahluwalia, I.J. and I.M.D. Little (Eds) (1999), India's Economic Reforms and Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.
3. Bardhan, P.K. (9th edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
4. Bawa, R.S. and P.S. Raikhy (Ed.) (1997), Structural Changes in Indian Economy, Guru Nanak Dev University Press, Amritsar.
5. Bhargava, P. K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
6. Bhole, L. M. (2000), Indian Financial System, Ghugh Publications, Allahabad.
7. Brahmananda, PR. And V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-state Perspectives, Book well, Delhi.

8. C.Rangarajan, (2000), Perspectives on Indian Economy -A Collection of Essays, UBSPD publishers Distributors Ltd., New Delhi.
9. Dantwala, M.L. (1996), Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
10. Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
11. Dhingra I. C. (2002): Indian Economy S.Chand New Delhi.
12. Dutt R and KPM Sundharam (2002): Indian Economy: S.Chand New Delhi.
13. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
14. Gupta, S. P. (1998), Post-Reform India : Emerging Trends, allied Publishers, New Delhi.
15. HanumanthaRao C.H. and H.Linnemann (Eds)(1996): Economic Reforms and Poverty Alleviation in India Sage, New Delhi.
16. Misra S.K. &Puri, V.K.(2001), Indian Economy, Himalaya Publication House, Mumbai.
17. MisraS.K.andV.K.Puri, (latest): Indian Economy, Himalaya, Publishing house, Mumbai.
18. Mookherjee, d. (Ed.) (1997), Indian Industry : Policies and Performance, Oxford University Press, New Delhi.
19. Mundle, s. (1999), Public Finance: Policy Issues for India, Oxford University Press, New Delhi.
20. Sandesara, J.C. (1992), Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues, Sage Publications, New Delhi.
21. 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.
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. Swamy, D. s. (1994), The Political Economy of Industrialization : from Self-reliance to Globalization, Sage Publications, New Delhi.
24. Uma Kapila (2006): Indian Economy-Since Independence-17th Edition, Academic Foundation, New Delhi.

M.A. Part – I: Semester - II
(Elective Course – Group C)
2T5: Agricultural Economics

Module – 1 : Agricultural Marketing System

Markets : Types of Agricultural Markets, Structure and Problems of Agricultural Marketing in India. Functions of Agricultural Marketing- Packaging, Transportation, Grading and Standardization, and Storage and Warehousing.

Processing : Meaning and necessity of processing, Advantages of processing, Processing Types : Processing of wheat, paddy, pulses, oilseeds and milk, Agro- Processing- Structure and Classification; Agro-Food Processing- Structure - Milk and Milk Products, Fish and Poultry; Horticulture and Plantation- Fruits, Vegetables and Flowers, Buying and selling of agro-produce.

Growth Prospects of Dairy Farming :Organic farming — Present status & Future scope, use of Hybrid Seeds,

Marketing of Farm Products : Marketing Function, Components of Marketing Function, Agricultural Inputs and their types, Fertilizers Marketing, Seeds Marketing, Chemical Marketing, Packaging : Packing Materials, Types of Materials for packing.

International Trade and Agriculture :Share of Agricultural Products in Foreign Trade, Export of Agriculture Products, Imports of Agro-related Commodities, Status of import-export of commodities like cereals, pulses, oilseeds, sugar, raw cotton, fruits and vegetables. WTO and Agreement on Agriculture(AOA), Globalization of Indian Economy and problems and prospects of Indian Agriculture., Impact of World Trade Organization on Indian Agriculture.

Module 2 : Indian Farmers' Indebtedness and Agriculture Finance

Indian Farmers' Indebtedness : Extent of Rural Indebtedness ; Debt - Position after Independence ; nature of Indebtedness ; Causes of Rural Indebtedness ; Evils/Effects of Indebtedness; Govt. Measures to reduce Rural Indebtedness ; Impact of Legislative Measures.

Agricultural Finance : Criteria for Agricultural Credit ; Need for Agricultural Finance ; Estimates of Rural Financial Requirements : Extent of Agricultural Finance ; Problem of Agricultural Finance ; Suggestions to Improve Agricultural Finance ; Source of agricultural Finance ; Role of Money lenders.

Agricultural Credit Institutions : Sources of Finance : Commercial Banks Functions, Regional Rural Banks, NABARD, Govt. Policy for Agricultural Credit

Co-Operative Credit Structure : Introduction; Three-Tier Structure; Primary Agricultural Credit Societies ; Central Co-operative Bank; State Co-operative Bank; Land Development banks ; Achievements of Co-operative Credit.

Module 3 : Farm Mechanisation, Farm Size and Productivity

Farm Size and Productivity :Measurement of Size of Farm, Pattern of-Farm Holding in India, Factors Determining Economic holding, Farm-Size Practices-Large Scale and Small Scale Farming, Specialized and Diversified Farming, Mixed Farming, Extensive and Intensive Farming, Reasons for Inverse Relationships, Size Productivity and Green Revolution, Farm Size and Profitability, Policy Implications.

Farm Mechanisation : Types of Farm mechanization, Progress of Mechanisation ; Pre-conditions for Mechanisation of Agriculture, Factors Responsible for Expanding Mechanisation, Magnitude of Mechanisation, Arguments for Farm Mechanisation, Arguments Against Farm Mechanisation, Benefits of Farm Mechanisation Scope of Farm Mechanisation, Causes for Slow Progress of Mechanisation, Mechanisation V/s Employment Promotion of Agricultural Mechanism and Among Small Farmers, Mechanism and Productivity

Food Problem and Food Security : Public Procurement of Food and Buffer Stock Food Problem after Independence, Different Aspects of Food Problems, Public Distribution System Buffer Stock Policy, Long-run Food Management Policy, Food Management Policy, Food Security and Poverty, Food Security Act, Impact of World Trade Organization on Food Security in India.

Module 4 : Recent Development Models of Agricultural Development

Recent Changes in Agriculture Sector : India and International Agro-Market Importance of Horticulture, Inland Fishery - Growth Prospects, Bio-Technology in Agricultural Productivity, Towards Self-Reliance in Oil Seeds, Global Attraction for Indian Spices, 'Fair Price' for Commodities, Dry Land Farming, Out Sourcing Marketing, BT Brinjal, BT Cotton: Controversy in India.

Agriculture Model : Schultz's transformation of traditional Agriculture, Mellor's model of Agriculture Development, Boserup Model of Agriculture Development.

Books Recommended :

- 1 Acharya S. S. and Agarwal N.L. (1994), Agricultural Prices-Analysis and Policy, Oxford and IBH Publishing Co., Pvt.Ltd., New Delhi.
- 2 Agrawal A.N. &Kundan K.L. Agricultural Problems of India, Vikas Pub. House, New Delhi
- 3 B.N.P. Singh. : Indian Economy Today Changing Contours. Deep and Deep Pub.
- 4 Bhalla, G.S. (1994). Economic Liberalisation and Indian Agriculture, Institute for Studies in Industrial Development, New Delhi.
- 5 Bhupat M. Desai, N.V.Namboodiri (2001), "Organisation and Management of Rural Financial Sector" Text, cases and Exercise, Oxford and IBH Publishing Pvt. Ltd., New Delhi, Calcutta.
- 6 Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
- 7 Chada, G.K. and A.N. Sharma (1997). Growth, Employment and Poverty: Change and Continuity in Rural India, Vikas Publishing House, New Delhi.
- 8 Dantwala, M.L. (1996). Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
- 9 DewettKewal :Indain Economy C.Chand& Co. Ltd. New Delhi.
- 10 Government of India, Report of the National Commission on Agriculture, New Delhi,
- 11 Government of India, Economic Survey (Annual), New Delhi.
- 12 GulabNath Singh, Dal Singer Singh and Ram Iqbal Singh (1987), Agricultural Marketing in India (Analysis, Planning and Development), chugh publications, Allahabad.
- 13 Gulati, A. and Kelly, J. (1999), Trade Liberalization and Indian Agriculture, Oxford University Press, New Delhi.
- 14 HanumanthaRao, C.H. (1975), Agricultural Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
- 15 Joshi, P.C. (1975), Land Reforms in India Trends and Prospects, Allied Publishers,

- Bombay.
- 16 Kapila Uma (ed) Indian Economy Since Independence. Academic Foundation
 - 17 M.V.Nadkarni (1973) : Agricultural Price Policy in Economic Development Kalyan Publishers, new Delhi.
 - 18 Mamoria C.B. Agricultural Problems of India KitabMahal Pub. 2005.
 - 19 Rudra A. (1982), Indian Agricultural Economics, Myths and Reality, Allied Publishers, New Delhi.
 - 20 Singh Acharya, Sagar - Sustainable Agricultural Poverty and Food Securities, Rawat Publication JaypurVol- I & II

M.A. Part – I: Semester - II
(Elective Course – Group C)
2T6: Urban Economics

Module 1 :Urbanisation: Concept and Characteristics

Introduction : Urbanization meaning characteristics and concepts, The Process of Urbanization, factors affecting urbanisation, Features of Urbanization in Developing Countries.

Urbanisation in India - factors and trends of urbanization, 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 Public Health

Environmental pollution and health, transport and communication Problems.

Module 3 : Urban Planning in India

Planning in 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 :Financing of Urban Infrastructure, Municipal administration, Urban modelling, Private Sector Participation in Financing Urban Infrastructure

Local Finance : Local government; meaning and types, Theory of Local Finance, 73rd and 74th constitutional amendments and local finance, Finance Commission and Local Finance.

Books Recommended:

- 1 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.
- 2 Briance A and RavinderSingh, (edited) (1995) Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi).
- 3 Dube, K. K. and a. K. Singh (1988), Urban Environmental in India, Inter-India, New Delhi.
- 4 Fred Durr, The Urban Economy (London, Index Educational Publishers) 1971.
- 5 Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy (New York)
- 6 Leathy, McKee, Dean (1970) Urban Economics, Collier- Macmillan Limited , London
- 7 LolydRdowin and Assocaites (1969). Planning Urban growth and Regional Development (London :M.T.Press)
- 8 Mark Garrett, (1996) Transportation Planning (Sage Publications, New Delhi)
- 9 Maurya, S. D. (1989), Urbanisation and Environmental Problems.
- 10 Mishra R. P. K. V. Sundaram and V. L. S. PrakasaRao (1974), Regional Development Planning in India, Vikas Publishing House, Delhi.
- 11 Mohan, R. (1979), Urban Economics and Planning Models, John Hopkins University press, Baltimore.
- 12 Report of the Task Forces on Housing and Urban Development-I Planning of Urban Development (1983), Planning Commission.
- 13 Sharma, R.C., (1972) Settlement Geography of the India Desert, Kumar Brothers, New Delhi
- 14 Shrivasta, O.S. (1992) Regional Economics: Theoretical Issues, Anmol Publications, New Delhi

M.A. Part – I: Semester - II
(Elective Course – Group C)

2T7: Rural Economy & Social Changes

Unit 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

Unit II: 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 land owners and Landless Labours and artisans, measure to reduce rural problems, trends of land acquisition by Businessmen, industrialist, politicians and Bureaucrats.

Unit III: Globalization Rural Industrialization

The Role of Rural Technology – need & important 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

Unit IV: 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

Reference Books:

1. डॉ. क-हाडेबी. एम. समाजशास्त्र : प्रश्न व समस्यापिपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2009

2. डॉ. आगलावे, प्रदिपभारतीय समाज—प्रज्ञानआणिसमस्या 2002
3. डॉ. महाजन, संजिवआधुनिकभारतमेंसमाजिकपरिवर्तनअर्जुनपब्लिशिंगहाउस, अंसारीरोड, दरियागंज, नईदिल्ली 2001
4. डॉ. संगवे, विलासभारतीलसामाजिकसमस्या 1979
5. नागगोंडे ,गुरुनाथग्रामीणसमाजशास्त्र
6. प्रा. डॉ. बोबडे, प्रकाशभारतीय समाजरचना: पारंपारिकआधुनिकश्री. मंगेशप्रकाशन, श्री. शांतीदुर्गानिवास, 23 नवीरामदासपेट, नागपूर 1998
7. डॉ. कन्हाडेबी. एम. ग्रामीण व नागरीसमाजशास्त्र पिंपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2005
8. डॉ. झामरेजी. एन. भारतीय अर्थव्यवस्था , विकास व पर्यावरणात्मकअर्थशास्त्र पिंपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2006
9. प्रा. निंबाळकर, संजिव के. समाजकल्याणकेशव—कृष्णाप्रकाशन, 14 विद्यानगर, चंद्रपूर 2005
10. यादव, रामजीभारतमेंग्रामीणविकासअर्जुनपब्लिशिंगहाउस, नईदिल्ली 2008
11. खंडेला, मानचंदआधुनिकताऔरभारतीय समाज 2002
12. शर्मा ,प्रज्ञामहिलाविकास व सशक्तिकरण
13. डॉ. सेन, अमर्त्यभारतविकासकीदिशाएँ राजपालअॅडसन्स, काश्मीरगेट, दिल्ली 2007
14. खेर, सी., पं., 2002, जागतिकीकरण—समस्या, आशय आणानुभव, दिलीपराजप्रकाशन, पुणे.
15. पंडितराव, यशवंत, 2000, भारतातीलग्रामीणऔद्योगीकरण, ग्रंथाली, मुंबई.
16. Dr. Sundaram, I. Satya. **Rural Development.**Mumbai: Himalaya Publishing House, 2002.
17. Datt and Vasant. **Fundamental of Rural Development** New Delhi: Rawat publication, 1991.
18. Datt and Rudra. **Growth Poverty and Equality** New Delhi: Deep and Deep Publication, 2008.
19. Khanna, Sulbha. **Rural Development** New Delhi: Sonali Publication, 2003.
20. Prasad, B.K. **Rural Development** New Delhi: Surupand Sons, 2003.
21. Desai, Vasant. **Rural Development in India.**New Delhi: Himalaya, 2005.
22. IGNOU. **Rural Development: Indian Context.** New Delhi: IGNOU, 2005.
23. Narwani, G. S. **Training for Rural Development**, New Delhi: Rawat Publications, 2002.
24. 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.
25. Desai, Vasant. Rural Development in India Mumbai: Himalaya Publishing House, 2005.
26. Prakash, I. Satya. Rural Development in India New Delhi: Himalaya Publishing House, --
27. Rao, B.S. Vasudev. Rural Resources and Development Delhi: Associated Publication, 2007.

**M.A. Part – I: Semester - II
(Elective Course – Group D)
2T8: Mathematical Economics – II**

Module 5: Theory of Consumer Behavior

Demand function- Ordinal utility maximization, Slutsky equation, income, substitution and price effects

Concept of elasticity and its applications, Concept of consumer's surplus and its applications

Additive utility function, indirect utility function,

Revealed Preference Theory

Module 6 : Theory of Production and Cost

Production Function – Homogenous and Non-Homogenous, Cobb-Douglas – Constant Elasticity of Substitution (CES) and its properties

Cost function, short run and long run cost functions, Modern Theory of Cost, Relation between AC and MC in short period

Analysis of joint profit maximization and multi-product firm; Production possibility curve; Empirical uses of production function analysis.

Module 7: Market Structure

Price and Output determination in Perfect Competition, Monopoly, Monopolistic Competition,

Price and Output determination in Duopoly and Oligopoly

Market Equilibrium- Single and Two-commodity market model, Multi-market equilibrium, General Equilibrium,

Module 8 : Growth Models

Harrod-Domar model; Neo classical growth models – Solow and Meade, Growth models of Kaldor and Joan Robinson; Optimal growth and golden rule of accumulation; Turnpike theorem

Books Recommended :

1. Alien, R.G.D., Mathematical Analysis for Economists, Macmillan Press and ELBS, London.
2. Barry Bressler: A unified Introduction to Mathematical Economics McGraw Hill New Delhi.
3. Black J. and J.F. Bradley: Essential Mathematics for Economists. John Wiley and Sons. London.
4. Chiang, A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
5. Edward T. Dowling, Introduction to Mathematical Economics: Schaum's Outline Series Tata McGraw Hill, New Delhi.
6. Henderson, J.M. and R.E. Quandt (1980), Micro Economic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
7. Hiller, F.S. and G. J. Lieberman (1985), Operations Research, C.B.S., New Delhi.
8. Taha, H.A., Operations Research : An Introduction (6th Edition), Prentice Hall of India Pvt.Ltd., New Delhi.
9. Yamane, Taro, Mathematics for Economists, Prentice Hall of India New Delhi.

M.A. Part – I: Semester - II

(Elective Course – Group D)

2T9: Industrial Economics- II

Module 1:

Industrial Policy and Growth: Trends in Industrial Growth in India during Five year plans. Overview of industrial policy prior to 1991-Industrial policy resolution of 1991 and changes thereafter.

Regional Development: Role of industrial policy for regional development-Trends and pattern of regional development. Committees for Balanced regional development in India.

Module 2:

Industrial Finance: Need for finance, types of industrial finance, sources of finance: internal & external. Choice of funding.

Role of Commercial Banks & DFIs in institutional finance.Trends in institutional finance for industrial sector. Critical assessment of the role of Commercial Banks & DFIs in institutional finance

Foreign Capital: Need for Foreign Capital, Governments Policy towards Foreign Capital. Direct Investment , Foreign Institutional Investment, Euro Issues, GDR, ADR, External Commercial Borrowings.

Module 3:

Impact of Globalization: Trends and pattern of FDI in India-Trends and pattern of Indian industry abroad- Export and import component of Indian industrial sector.

Industrial Combinations - Causes, Mergers & Amalgamations, Effects of Industrial Monopoly

Module 4:

Industrial Profile of India - Private Sector, Large, Medium & Small Scale Industries, Village Industries, Public Sector, Role and Problems of Public Sector Industries, Small-scale and cottage industries in India-SMEs in India. Recent trends in Industrial growth. Industrial sickness-Exit policy – Role of BIFR .

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. Part – I: Semester - II
(Elective Course – Group D)
2T10: Public Economics-II**

Module 5: Taxation

Theory of incidence; Alternative concepts of incidence
Impact and Incidence-Meaning, Distinction, and types
Theories of Shifting Tax Incidence;
Benefit and ability to pay approaches;
Optimal taxation;
Excess burden of taxes
The problem of double taxation,
Laffer curve

Module 6: Public Expenditure

Public Expenditure- Concept, scope, objectives, causes & types
Canons of Public Expenditure,
Theory- Wagner's law of increasing state activities, Wiseman-Peacock hypothesis
Economic stability- meaning, objective & instruments
Role of Public expenditure and economic stability in economic development
Structure and growth of public expenditure; Public expenditure and production,
Criteria for public investment;
Social cost-benefit analysis

Module 7: Public Debt

Public Debt-Concept, need, types, effects
Sources of public debt
Burden of Public Debt
Public Debt Management & redemption
Deficit financing- meaning, need, effects

Module 8: Fiscal Policy and Federal Finance

Indian Fiscal Policy since 1991- objective, role & impact

Indian Fiscal Imbalance - Indicators, Causes, Effects & Remedial Measures.

Transfer of Resources from Union to States

Recommendations of 13 & 14 Finance Commission.

Centre – States conflicts on Finances

Recent changes in Indian taxation policy

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 Chellai, 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 KiritS.Parikh (Ed.) (1999) India Development Report -1999-2000, Oxford University Press, New Delhi.
- 12 Mundle, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi.
- 13 Musgrave, R.A. and P.B. Musgrave (1976): Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo
- 14 Sahni, B.S. (Ed.) (1972): Public Expenditure Analysis: Selected Readings, Rotherdam University Press.

2T11: Environmental Economics

Module 1: Elements of Environmental Economics

Meaning, Subject matter, Nature and Scope of Environmental Economics;
Economic Development and the Environment, Population and Environmental Linkages.
Economy, Ecology and Environmental Interaction- Ayres/Kneese's Material Balance Model.
Leontief's Environmental extended Input-Output Model.
Environmental Quality as public goods, Market Failure.

Module 2: Environmental Problems of Industrial and Agricultural Development:

Environmental Problems of Industrial development: Water Pollution, Air Pollution,
Noise Pollution,
Special Economic Zones and Environmental Issues, Green Marketing, Environmental Auditing.
Environmental Problems of Agricultural development- Salinity, water logging, desertification of
land, Excess use of water, fertilizers and pesticides,
Approaches to Sustainable Agriculture Management.

Module 3: Economics of Natural Resource Management and Sustainable Development

Economics of Renewable Resources; Resource Scarcity as Limits to Growth;
Pricing of Resources; Energy and Economic Development.
Sustainable Development- Meaning, Rules of Sustainable Development- Indicators of
sustainable development,
Mechanism for environment regulation in India; Environmental laws and their
Implementation-Policy instruments for controlling water and air pollution-Forestry policy;

Module 4: Environmental Problems and Environmental Policy in India:

Rural and Urban environmental problems – Population and the Environment,
Poverty and the Environment
Housing and Slums and the Environment, Rural Sanitation Scheme,
Trade and environment, issues of Climate Change, Environmental Policy in India-
Environment protection laws in India,
Central pollution Control Board, State and Local Bodies and Environment protection.

Books Recommended:

1. Zingan M.L. and Sharma(), Environmental Economics, Vrinda Publication, New Delhi
2. Ali, S. A. (1979), Resources for Future Economic Growth, Vikas Publishing House, New Delhi.
3. Baumol, W.J. and W.E. Oates (1988), The Theory of Environmental Policy (2nd edition), Cambridge University Press, Cambridge.
4. Bhattacharya, R.N. (Ed) (2001), Environmental Economics; An Indian Perspective, Oxford University Press, New Delhi.
5. Chopra, K. (1998), Valuation of Bio-diversity within Protected Areas: Alternative Approach and a case study, Institute of Economics Growth, Delhi.
6. Chopra, K., Kadekodi G.K. and M.N. Murthy : The Management of Common Property

Resources, SAGE, New Delhi.

7. Garge, M. R. (Ed.) (1996), Environmental Pollution and Protection, Deep and Deep Publications, New Delhi.
8. Hanley, N., J.F.Shogern and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
9. Kolstad C.D.(1999), Environmental Economics, Oxford University Press, New Delhi.
10. Lodha, S. L. (Ed.) (1991), Economics of Environment, RBSA Publishers, Jaipur.
11. Markandya, A. and M. N. Murty (2000), Cleaning up the Ganges: Cost-Benefit Analysis of Ganga Action Plan, Oxford University Press, New Delhi.
12. Mehta, S.S Mundle and U. Sankar : Controlling pollution: Incentives and Regulation, SAGE, New Delhi - 1995
13. Murthy, M.N, A. James and S. Misra : The Economics of Water pollution in India: Oxford University Press, New Delhi, 1995
14. Pearce, D.W. and R.Turner (1991), Economic of Natural Resource Use and Environment, John Hapkins University Press, Baltimere.
15. Rajlaxmi&Birunda (1994) Environomics, Allied Publishers Limited, Madras
16. Rathore, M. S. (Ed.) (1996), Environmental and Development, Rawat Publications Jaipur.
17. Sankar, U.(Ed), (2001, Environmental Economics, Oxford, University Press, New Delhi.
18. Singh, G. N. (Ed.) (1991), Environmental Economics, Mittal Publications, New Delhi
19. Singh, Katar and Anil Shishodia; Environmental Economics; Theory and Applications, Sage Publications, New Delhi, 2007.
20. Tirpathy, S.M. and Sumakar Panda, Fundamentals of Environmental Studies, Vrinda Publications, Delhi.
21. World Bank: World Development Report, 1992: Environment and Development OxfordUniversity Press, New Delhi

M.A. Part – I: Semester - II
(Elective Course – Group D)
2T12: History of Economic Thought

Module 1: Pre- Adamite Thoughts

Economic ideas during Vedic & Mercantilism

Ancient economic thought: Kautilya's Arthshashtra

Socialist & capitalist thinking

Buddha's Dhamma

Medieval Economic Thought- Ala-ud-din Khilji, Akbar

Module 2: Development of Classical Political Economy

Classical Economics: Adam Smith, Ricardo, Malthus,

J.B. Say, J.S. Mill.

Nationalist- F. List

Critics of Classicism- Sismondi, St. Simon, Robert Owen, Proudhon.

Karl Marx

Module 3: Modern Economic Thought

Pigou, Marshall, Keynes, J.A. Schumpeter

Marginalists& other thinker-

H.H. Gossen,

W. S. Jevons

Irving Fisher

Karl Menger

Knut Wicksell

Module 4: Indian Economic Thought

Dr. B.R. Ambedkar,

M.K. Gandhi,

Amartya Sen

J. K. Mehata

Dadabhai Naoroji

Jyotirao Phule

Gopal Krishna Gokhale

Books Recommended:

1 Ambedkar, B.R. : States and Minorities.

2 Bell, F. : History of Economic Thought.

3 Bhatnagar & others: A History of Economic Thought

4 Bhatta, H.L. : History of Economic Thought.

5 Datta, Bhabatosh : Indian Economic Thought (Twentieth Century Perspective)

6 Desai, S.S.M. : Development of Indian Economic Thought.

- 7 Ghosh, B.N. : Indian Economic Thought (Nineteenth Century Perspective)
- 8 Gide & Rist : History of Economic Thought.
- 9 Gray, Alexander: A History of Economic Thought:
- 10 Haney, L.H. : History of Economic Thought.
- 11 Kuber, W.N. :Dr.Ambedkar - A critical study.
- 12 Loknathan : History of Economic Thought.
- 13 Mithani, D.M. : History of Economic Thought
- 14 Paul, RR.: A History of Economic Thought.
- 15 Srivastava, S.K.: History of Economic Thought
- 16 Pant & Pant: History of Economic Thought