

Post Graduate Teaching Department, Gondwana University, Gadchiroli
M.A. Part -I Applied Economics : Semester-II

ECO2201 : Advanced Microeconomics – 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. 91982), 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.

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ECO2202 : Advanced Macroeconomics – 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. and Rana 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.

Optional : III

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M.A. Part -I Applied Economics : Semester-II**

ECO2203.1: 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.

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ECO2203.2: 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. (latest):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. Bhole, L. M. (latest), Indian Financial System, Ghugh Publications, Allahabad.
4. Brahmananda, PR. And V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-state Perspectives, Book well, Delhi.
5. C.Rangarajan, (2000), Perspectives on Indian Economy -A Collection of Essays, UBSPD publishers Distributors Ltd., New Delhi.
6. Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
7. Dhingra I. C. (2002): Indian Economy S.Chand New Delhi.
8. Dutt R and KPM Sundharam (latest): Indian Economy: S.Chand New Delhi.
9. Misra S.K. &Puri, V.K.(latest), Indian Economy, Himalaya Publication House, Mumbai.
10. Sandesara, J.C. (1992), Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues, Sage Publications, New Delhi.
11. Uma Kapila (latest): Indian Economy-Since Independence-17th Edition, Academic Foundation, New Delhi.

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ECO2203.3: Human Development

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 India and 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 Mahbubul Haq 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; Government 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 : Alternative approaches and strategy of human resources development.
10. SubbaRao P. : Essentials of Human Resources Management and Industrial Relations, Himalaya Publishing House.
11. Tilak, J.B.G. (1994): Education for Development in Asia, Sage Publications, New Delhi.
12. UNDP- Human Development Reports, Annual Reports.
13. Woodhall, M. (1992): Cost-Benefit Analysis in Educational planning, UNESCO, Paris.
14. World Bank (1993): The world Development Report, 1993: Investing in Health, Oxford University Press, New York.
15. Datta, Ruddar.(2002) Human Development and Economic Development, Deep and Deep Pub., New Delhi.

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ECO2203.4: 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:

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.

Briance A 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

LolydRdowin and Assocaites (1969). Planning Urban growth and Regional Development (London :M.T.Press)

Mark Garrett, (1996) Transportation Planning (Sage Publications, New Delhi)

Maurya, S. D. (1989), Urbanisation and Environmental Problems.

Mishra R. P. K. V. Sundaram and 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 (1983), 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, New Delhi

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ECO2203.5: Rural Economy & Social Change

Module 1 : 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 land owners 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 & 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

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, 2007.

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ECO2203.6: Tribal Economics

Module 1 : TRIBAL DEMOGRAPHY

Demography: Concept, feature and importance Tribal Demography : An appraisal, An overview of India's Tribal Demography – Distribution of tribal population in India – Need for Micro Level Studies, Tribal Population in Odisha – An analysis of growth of Tribal Population from 1961 Census to 2011 Census – Growth Rate – Fertility Rate, Sex Ratio, Density of Population, Work Participation Rate.

Module 2 : EDUCATION AND HEALTH IN TRIBAL AREAS

Emerging initiatives in the field of Education of Tribes – DPEP, SSA Programmes and initiatives under SC and ST Development Department, Government of Odisha.

Health Problems in Tribal Areas – Common diseases among Tribals, Methods of curing – Indigenous and Modern – NRHM in Tribal Areas.

Integrated Child Development Scheme (ICDS) in tribal areas, Efforts made by UNDP, UNFPA, WHO, DFID and UNICEF to improve the nutritional care of mother and child in Tribal Areas.

Module 3 : TRIBAL ECONOMY Economic System and Economic Structure among Tribals – Economic Typology – Characteristics of Tribal Economy. Tribal Production System – Tribal Agriculture – Shifting Cultivation, Settled Cultivation – Terraced Agriculture – Cooperative and Exchange Labour. Allied Activities – Horticulture, Floriculture – Animal Husbandry – Forest and Forest Collection – Wage Labour – Tribal Markets.

Module 4 : TRIBAL PROBLEMS, POLICIES, PLANNING AND DEVELOPMENT INTERVENTIONS

Land Problems of Tribals – Land distribution, Land alienation, causes and consequences, Displacement – Causes and Consequences, Indebtedness, Bonded Labour and Land alienation continuum – Trends of Economic Exploitation.

Tribal Development during Five Year Plans – SMPT Block, TD Block, Tribal Development Agency, Sub-Plan Approach, MADA, and Cluster Approach – PTGs and Micro Projects.

Emerging Development Initiatives – Role of NGOs, Women Empowerment through Micro Finance and SHGs – Liquor Free Movement.

Books Recommended :

1. Behera, K.K. (2003) : Organization and Management of Tribal Markets, Independent Publishing Company, New-Delhi.
2. Behera, M.C & Jumyir Basar (2010) Ed. : Interventions and Tribal Development, Serial Publications, New Delhi.
3. Pradhan, G. (2009) : Didayi, the Primitive Tribe, COATS, Koraput.
4. Sahu, N.C. (1986) : Economics of Forest Resources: Problems and Policies in a regional economy. B.R. Publishing corporation, New Delhi.
5. Samal, Jagabandhu (1992) : Some Aspects of Tribal Economy – A Case Study of Koraput District. Ph.D dissertation of GIPE, Pune (Mimeo)
6. Kalla, A.K. & P.C. Joshi (Ed.) 2004 Tribal Health and Medicines, Concept Publishing Company, New-Delhi.
7. Padhi B.R. and B. Padhi (Ed.) 2010 Tribal Development in India – Section V – Health and Tribal Development – Mangalam Publications – Delhi – 53.
8. Deogaonkar S.G. (1994) Tribal Administration and Development – Concept Publishing Company – New-Delhi.
9. Mohapatro, P.C. (2009) Problems of Tribal Development in Orissa in Sustainable Development of Bonda Hills, P.M. Mohapatra et. All (Ed.), COATS, Koraput, Odisha.

Optional IV

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M.A. Part -I Applied Economics : Semester-II**

ECO2204.1: 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, Mc. Graw 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.

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ECO2204.2: Industrial Economics- II

Module 5: Industrial Policy and Growth

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 6: Industrial Finance:

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 7: Impact of Globalization on Indian Industries

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 8 : Industrial Profile of India

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)

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ECO2204.3: 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. 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. 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.

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ECO2204.4: Urban and Infrastructure Economics - II

Module 5 : Economics of Urbanization:

Concepts in Urban Economics – Characteristics & Theoretical Issues – Urban Morphology–Classical Models– Urban and Regional Growth Theories– Macro-Economic Approach and Cumulative Causation Theory – Urban Hierarchy– Urban Size Distribution and Optimum City Size Debate – Weberian Location Theory – Location of Residential and Industrial Activities – Urban Planning – Land Use & Market – Decentralization and Impact – Geographical Information System and Use – Urban Informal Sector– Metropolitan/Mega Cities– Trends Worldwide– Indian Situation – Environment and Urbanization.

Module 6: Economics of Infrastructure Development:

Basic Concepts:Infrastructure and Economic Development– Infrastructure as a Public Good–Social and Physical Infrastructure – Infrastructure Financing and Planning – Public Private Partnership – The Peak-Load&Off-Load Problem– Dual Principle

Controversy–Economies of Scale of Joint Supply– Marginal Cost Pricing Vs. Other Methods of Pricing in Public Utilities– Cross-Subsidization – Equity and Efficiency.

Rural Infrastructure: Rural – Urban Differences in Infrastructure Development – Components of Rural Infrastructure – Characteristics and Growth – Rural Industries – Sustainable Development and Infrastructure – Rural Transport Issues – Rural Markets.

Module 7 : Energy, Power, Water, and Sanitation in India:

Energy and Economic Development – Energy Demand –Supply and Shortages – Growth and Present Status– Commercial and Non-Commercial Energy Resources– Energy Efficiency Computation – Conventional &Non-Conventional Sources – Growth and Present Status– Power Sector in India Structure and Growth – Relative Economics of Hydel-Thermal and Nuclear Power Plants– Electrification in India – Problems &Prospects– Power Pricing and Subsidy – Water Supply and Sanitation Sector in India– Overview and Present Scenario.

Module 8 : Road, Rail, Air, and Ports in India:

The Structure of Transport Costs, Demand for Transport– Models of Freight and Passenger Demand, Problems of Modes of Transport

Telecommunications in India:

Characteristics and Problems – Pricing Principles –Decreasing Costs in Telephone Industry – Telecommunication Policy Changes – Privatization &Competitiveness.

Reference Books:

1. 3i Network (2010), India Infrastructure Report, Oxford University Press, New Delhi.
2. Button,K.J. (2003), Transport Economics, Edward Elgar.
3. Crew, M.A. and Paul R. Kleindorfer (1986), The Economics of Public Utility Regulation, MIT Press.
4. Evans, A.W. (1984), Urban Economics, Basil Blackwell.
5. Mills, E. and Charles Baker (1988), India's Urban Development, Oxford University Press.
6. O'Sullivan, A. (2002), Urban Economics, McGraw-Hill Irwin.
7. Michael A Crew and Paul R Klendorfer (1986), The Economics of Public Utility Regulation, MIT Press.
8. Parry, L.J. (1980), Urban Economics: A Set Approach, Arnold Heineman.
9. Picot, A., Florio, M., Grove, N., and JhannKranz (eds) (2015), The Economics of Infrastructure Provisioning: The Changing Role of the State, MIT Press.
10. Ramachandran, R. (1989), Urban Economics and Urban Systems in India, Oxford University Press.
11. Shukla, V. (1996), Urbanization and Economic Growth, Himalaya Publishers.

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ECO2204.5: Rural and Agricultural Economics -II

Module 5 : Introduction to Economics of Agriculture and Rural Development

Basic Concepts in Agricultural and Rural Economics: Importance of Agriculture in Rural Economy in Overall Economic Development – Nature and Scope of Agricultural Economics

Agricultural Growth in India During Pre and Post Independence Period – Nature and Cropping Pattern–Production and Productivity Trends.

Land Reforms – Theory and Implications

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: Agricultural Wages in India

Module 6 : 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.

Module 7 : Current Issues in Agriculture and Rural Development:

Water: 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.

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 8 : 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.

Cooperative Marketing – Organized Retailing – Contract Farming – Price Spread – Issues with Respect to Marketed Surplus – Marketing Channels

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. Norton George W., Alwang Jeffrey, Master William A. (2014), Economics of Agricultural Development: World Food Systems and Resource Use, Routledge.
9. Penson John, Capps Oral, Rosson C., Woodward Richard (2015), Introduction to Agricultural Economics, Pearson.
10. PranabBardhan, (1998) The Economic Theory of Agrarian Institutions, Clarendon Press, New York.
11. Rao, C. H. Hanumantha, (2005) Agriculture, Food Security, Poverty and Environment: Essays on Post – Reform India, Oxford University Press, New Delhi.
12. Vaidyanathan, A., (2010) Agricultural Growth in India: The Role of Technology, Incentives and Institutions, 2nd edition, Oxford University Press, New Delhi.

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ECO2204.6: Economics of Natural Resources

Module - 1: ECONOMICS OF RENEWAL AND EXHAUSTIBLE RESOURCES

A resource taxonomy, Resource scarcity, Renewable resources, Growth curves, The rate of exploitation, Costs and Revenues, Preservation values, Exhaustible resources, Principles of exhaustible resource use, Optimal resource use.

Module - 2 : MINERAL RESOURCES

Importance of minerals in economic development, Assessment of Indian mineral resources, International mineral trade, reserves and resources of world minerals supplies, Hazards due to mining-environmental and health, prevention of hazards due to mining; Structure and Organisation of mineral industry in India, future mineral consumption and Indian economy, Uses and Exploration of Mineral Resources; National Mineral Policy, Mineral taxation

Module – 3 : FOREST AND WATER RESOURCES

Forest Resources-Uses, Forest Type and Management, World Forest Cover, Forest Resources of India, Deforestation, Effect of Deforestation on Tribal People, Forest Degradation in India, Sustainable Forest Management; forestry policy- Joint Forest Management Water resources- Surface Water and Ground Water, Water Resources in India, Methods for managing Water Resources; Environmental Impacts of Large Dams, Problems Associated with Rehabilitation of Displaced People/Tribal due to Major Dams, River Water Disputes, Water Pollution; Policy instruments for controlling water pollution; Water Sheds.

Module – 4 : LIVELIHOODS AND NATURAL RESOURCE MANAGEMENT

Concepts and scope of livelihood, livelihood framework analysis, various capitals involved, indigenous communities and traditional livelihoods, forms of natural resources and dependencies of local people. Non-Timber Forest Products (NTFP) as a source of rural livelihood.

Natural resource crisis and impacts on the livelihood of people- threats of traditional livelihood from globalization, urbanization, privatization, mining and migration; Mechanism for environment regulation in India; Environmental protection laws and their implementation, Importance of sustainable resource management.

Books Recommended :

1. Dasgupta P (2001), human well being and natural environment, oxford university press
2. Fisher, A, C. (1981) Resource and Environmental Economics, Cambridge University press Cambridge
3. Francois, R.(1984), Ecology of Natural Resources. John Wiley & Sons Ltd
4. Kolstad C.D. (1999) Environmental Economics, Oxford University Press, New Delhi.
5. Malhotra, KC and Bhattacharya, P.(2010). Forest and Livelihood. Pub. Centre for Economic and Social Studies. Hyderabad
6. Murty. M.N, Environment, Sustainable Development and Well-being, Oxford University Press, New Delhi
7. Pearce D.W. and R. Turner (1991) Economics of Natural Resource Use and Environment, John Hopkins University Press, Baltimore.
8. Sinha, R.K. and Sharma, N.L.(1970). Mineral Economics, Oxford and IBH
9. Tietenberg, T. (1994) Environmental Economics Policy and Harper Collins New York
10. Wanger K.D (1998), Environmental Management, W.B. Saunders Co. Philadelphia, USA.