

M.PHIL ECONOMICS SYLLABUS

LIST OF PAPERS

Semester	Paper Number		Subject Code
1	Paper I : Research Methodology	6	MPhIEC1
	Paper II: Economic Theory	6	MPhIEC2
	Paper III – Dissertation based Papers		
	Urban Economics	6	MPhIECUE
	Economics of Service Sector	6	MPhIECSS
	Economics of Environment	6	MPhIECEN
	Health Economics	6	MPhIECHE
	Economics of Child Labour	6	MPhIECCL
	Economics of Education	6	MPhIECED
	Economics of Poverty	6	MPhIECPT
	Human Development	6	MPhIECHD
	Micro Finance	6	MPhIECMF
	Gender Economics	6	MPhIECGE
	Labour Economics	6	MPhIECLB
	2	Project Dissertation	10
Project Viva-Voce		10	MPhIECPV
	Total	38	

Paper I: Research Methodology
Subject Code: MPhIEC1

Unit 1: Fundamentals of Research

Meaning of research – Objectives of research – Types of research: Descriptive vs. Analytical, Applied vs. Fundamental research, Quantitative vs. qualitative, conceptual vs. empirical – significance of research – research methods and research methodology – Formulation of Research Problem - Research process - Steps in research process – Criteria of good research Problems – Review of Literature

UNIT 2: Sample Design

Population and sample - Meaning of sampling – Probability and non-probability, sampling, types of probability and non-random sampling – merits and demerits of sampling and non-sampling errors – sample size

Unit 3: Sources and Measurement of Data

Primary data collection - Methods of collection - Construction of Questionnaire – Interview method – Scales of measurement: Nominal, ordinal, interval and ratio scales – bases of scale classification – important scaling techniques: Rating scales, Ranking scales –

Techniques of constructing scales: Different scales for measuring attributes of people – arbitrary scales, differential scales such as, Summated scales such as Likert scale – coding and

decoding – Sources of Secondary data – World Bank Data – UN data – CSO - NSSO - Census

data - RBI data – NAS data - ASI data - CMIE

Unit 4: Analysis of Data

Meaning of hypothesis – Formulation of Null and alternate hypothesis – Types of errors – Parameter and Statistic – Confidence intervals and level of significance – Univariate analysis - Descriptive statistics – measures of averages – Positional measures - dispersion - Skewness and kurtosis - Bivariate analysis correlation and regression analysis – 't' Test – 'Z' Test – 'F' Test and ANOVA – Chi square Test - Multivariate analysis – Multiple regression analysis – Estimation and interpretation of partial regression coefficients – Coefficient of determination – R^2 and Adjusted R^2 – A note on Factor analysis

Unit V: Preparation of Research Report

Meaning, significance and types of reports - Thesis and Report Writing - Contents of a report – Steps in writing report – Format of a research report - A detailed note on foot note

and bibliography – Characteristics of a good report

References

1. Duane, R. Monette. 1998. Thomas Sullivan Dejong, "Applied Social Research" Harcourt Brace College Publishers, Toronto.
2. Good, William, J. and Hatt and Paul, K. 1952. 'Methods in Social Research', New York, McGraw Hill
3. Gujarathi, Damodar, N. 1995. 'Basic Econometrics Singapore', McGraw Hill.
4. Jaspal Singh. 2001. "Methodology and Techniques of Social Research", New Delhi. Kanishka Publishers.
5. Kothari, C.R. 1995. "Research Methodology Methods and Techniques", New Delhi, WishwaPrakashan
6. Kurien C.T. – A guide to Research in Economics - Sangam Publishers for Madras Institute of Development Studies, 1973 McGraw Hill.

7. Wilkinson, T.S. and Bhandarkar, P.L. 1979. "Methodology and Techniques of Social Research", Bombay, Himalaya Publishing House.
8. Young Pauline, V. 1960. "Scientific Social Surveys and Research and 3rd Edition, New York, Prentice Hall.

Paper II: Economic Theory
Subject Code: MPhIEC2

Unit 1: Modern Welfare Economics

Pareto Efficiency – Second Best theorem – Criteria for improvement in Welfare – Arrow's Impossibility Theorem – Rawl's theory of justice - equity and efficiency trade off - Sen's Welfare Economics

Unit 2: Economics of Social Goods

Nature of social Goods – Optimal Provision of Social Goods – Market failure - Reasons for government intervention in the provision of social goods- Sen's views on Social goods

Unit 3: Cost Benefit Analysis

Cost concepts and Measurement of costs – Measuring benefits – problems in measuring future benefits – discounting

Unit 4: Economics of Information

Asymmetric information as an externality – Adverse Selection and Moral hazard – Relevance to insurance - Principal agent problem

Unit 5: Contemporary Development Economic Issues (With Special Reference to India)

Political Economy of Globalization - Human Development and Components of Human Development Index–Regional and Developmental inequalities - Poverty and inequality and – Evaluation of Government policies for poverty alleviation.

Reference - Books

1. Hyman, D.N. (2007): Public Finance: A Contemporary Application of Theory to Policy, Thomson Asia Pvt. Ltd., Singapore.
2. Haq, Mahbubul (2003) "The Birth of the Human Development Index", Ch.2.1 in Readings in Human Development, Fukuda-Parr S and Shiva Kumar A.K (eds) Oxford Univ. Press, Oxford.
3. Subramanian, K.K. (2003) Regional Industrial Growth under Economic Liberalization, Manak, New Delhi.
4. Uchikava, S (ed.) (2002) Economic Reforms and Industrial Structure in India, Manohar, New Delhi.
5. Sen, Amartya (1984): Resources, Values and Development. New Delhi: Oxford University Press.
6. Sikdar, Soumyen (2004): Contemporary Issues in Globalization: An introduction to Theory and Policy in India. New Delhi: Oxford University Press.
7. Todd Sandler, (2001) Economic concepts for the social sciences. Cambridge: Cambridge University Press,
8. Friedman, Lee (1985): Micro Economic Policy Analysis. New York: McGraw Hill.

Articles/ Reports

1. Akerlof, G.A. (1970). 'The Market for Lemons, Quality Uncertainty and the Market Mechanism', Quarterly Journal of Economics, Vol.84, pp 488-500.
2. Deaton, A and Dreze, J (2002) "Poverty and Inequality in India: A Reexamination", Economic and Political Weekly, Sept. 7, pp. 3729-3748,
3. <http://www.undp.org/povertycentre/publications/distribution/Poverty&Inequality>
4. Government of India (2002) National Human Development Report, 2001 Planning Commission, New Delhi.
5. Jayati Ghosh. (2010) Poverty reduction in China and India: Policy implications of recent trends **DESA Working Paper No. 92ST/ESA/2010/DWP/92**. United Nations Department of Economic and Social Affairs
6. Mishra, SK (2007) "Globalization and Structural Changes in the Indian Industrial Sector: An Analysis of Production Functions", Social Science Research Network,

7. <http://ssrn.com/author=353253>.
8. Mishra, SK (2007) "A Note on Human Development Indices with Income Equalities", SSRN <http://ssrn.com/author=353253>.
9. Mishra, S.K. and Nayak, P (2007) "Socio-Economic Dimensions of Globalization in India", <http://ssrn.com/author=353253>.
10. Sankar, U. 2002. 'Asymmetric Information and Counteracting Institutions', IEA Conference Vol., p.116.
11. Sweeting Andrew, November 1998 "Discuss the reasons why asymmetric information can be a source of market failure. Use examples to illustrate your answers".
12. United Nations Development Program (UNDP): Human Development Report, Oxford University Press, New York. (Various years).
13. World Bank, 2000, India Policies to Reduce Poverty and Accelerate Sustainable Development, Report No 19471-IN

Paper III: Urban Economics
Subject Code: MPhIECUE

Unit 1: Problems of Urban India

- a. Urbanization and Economic Growth in India - Trends, sizes and structures of urban areas - Problems of urban poverty & unemployment - Measures of urban poverty & Unemployment - Public Policy for reducing urban poverty & unemployment
- b. Pollution and Environmental quality problems in the urban India - Forms & effects of environmental degradation in the urban India - Alternative government policy solving the environmental problem

Unit 2: Urban Traffic, Transportation and Travel

- a. Characteristics of urban traffic, Transport and Travel - Public Transport system in urban India - Urban transport planning - towards National Urban Transport Policy - Resource Requirement & Mobilization for urban transport
- b. Trends in urban transportation - demand for & supply of urban transportation - the effect of transportation on urban structure

Unit 3: Urban Housing

- a. Urban Housing Status - Review of the Housing Schemes - Key issues of the National Housing Policy
- b. Problems of housing, and slums in urban India - government housing programs, land use controls, building codes, rent control

Unit 4: Urban Planning

- a. Committees for Metropolitan Planning & for District Planning - Master Plan, Planning Standards
- b. Financial Aspects of Urban Planning - Organization, Forms & Functions and working of urban local government

Unit 5: Urban Finance

- a. Financing for Urban Development Schemes - Trends in State and Local Government Finance
- b. Problems before Local Government - State Control and Guidance

Reference

1. Urban Slums & Dimensions of Poverty; Upreti, N.C. Pointer Publishers
2. Urbanization in India: Ravindar Singh Sandhu: Sage Publications,
3. Planning & Urban Change: Stephen Ward: Sage Publications.
4. Key Concepts in Urban Studies: Mark Gottdiender & Leslie Budd, Sage Publications,
5. Environment & Urbanization: David Satterthwaite & Jane Bicknell, Sage Publications,
6. Financing Cities; George E. Peterson & Patricia Clarke Annez. Sage Publications

Paper III: Economics of Service Sector
Subject Code: MPhIECSS

Unit 1: Infrastructure and Economic Development

Infrastructure: meaning, importance and role in economic development –classification of infrastructure (social and economic infrastructure) –urban and rural infrastructure schemes in India – PURA - growth of infrastructure under plans.

Unit 2: Social Infrastructure

Growth and present status of Social Infrastructure – Education, Health, Housing and Banking & Insurance.

Unit 3: Energy and Power

Energy: Sources of Energy – Sources of Commercial and Non Commercial Energy Resources – Growth and Present Status – Energy Crisis in India. Power: Main Sources of Generation of Electric Power: Hydel, Thermal and Nuclear power- Growth and Present Status – Rural Electrification in India – problem of power shortage in India.

Unit 4: Transport

Significance of Transport -, Sources of transport: Surface (Road and Railways) Transport, Water Transport and Air Transport – Growth and Present status of Transport System in India.

Unit 5: Communication

Communication – Postal and Telegraph. Telecommunication and information technology- Major issues in IT, Growth and present status of IT industry in India – out sourcing

Reference

1. Ashok V. Desai, "Energy Demand Analysis: Management and Conservation, Wiley Eastern, 1980
2. Ruddar Datt and K.P.M. Sundharam, "Indian Economy", S. Chand and Company Ltd.
3. Economic Survey, Government of India,
4. Bhatia A.K. Tourism Development: Principles and Practices, Sterling, New Delhi, 1996.
5. Choudhari.R. Economics of Public Utility, Himalaya publishing house, 1986.
6. James T. Kneafsey, Transportation Economics Analysis. Kirit S. Parikh, India Development Report 2000-01, OUP New Delhi,2001.
7. Reghuram G.& Rekha Jain, Infrastructure Development and Financing, Macmillan, India Ltd., 1999.India Infrastructure Report 2001, OUP.
8. The Institute of Rail Transport, Rail Bhavan, New Delhi – Transport Economics and Management.

Paper III: Economics of Environment
Subject Code: MPhIECEN

Unit 1: Welfare Economic Foundations of Environmental Economics

Pareto optimality and perfect competition; External effects in production and consumption; Market failure in case of environmental goods - incomplete markets, externalities, non-exclusion; non-rivalry; non-convexities and asymmetric information

Unit 2: Environmental Benefits Evaluation Methods

Measures of economic value of environment - WTP and WTA; Contingent valuation method; travel cost method; hedonic market methods; averting behavior approach - household health production function method

Unit 3: Environmental Policy Instruments

Optimum pollution - Environmental policy tools - Command & Control regime – Limitations and advantages of Command and Control. - Pigouvian taxes and subsidies, Marketable Permits - Coase's bargaining solution and collective action - Tradable pollution permits and international carbon tax - Informal regulation and the new model of pollution control - Evaluative criteria of and practical conditions for use of the economic incentives

Unit: 4 Economics of Natural Resource Management

Theories of optimal use of exhaustible - Optimal use of Renewable Resources

Unit: 5 Economics of Sustainable Development

Environment and development trade off and the concept of sustainable development; sustainability rules, Common-Perrings model; The Solow/Hartwick approach to sustainability. System of integrated environmental and economic accounting (SEEA).

Reference

1. Bhattacharya R N (2004) Environmental Economics, An Indian Perspective, OUP
2. Cropper, Maureen (1999), Valuing Environmental Benefits, Edward Elgar.
3. Henderson, J.M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
4. Hanley, N., J.F. Shogern and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
5. Hussen, A.M. (1999). Principles of Environmental Economics, Routledge, London
6. James, A.J., M. N. Murty and SmitaMisra (1999), Economics of Water Pollution – The Indian Experience, Oxford University Press, New Delhi.
7. Kadekodi,G K (2004) Environmental economics in Practice, Oxford University Press
8. Sankar, U. (Ed.) (2001), Environmental Economics, Oxford University Press, New Delhi.

Paper III: Health Economics
Subject Code: MphICHE

Unit 1: Theoretical Foundation for Health Care Economics

- a. Health care as a social good – Optimum provision of health care - Concept of efficiency and equity in health care provision - Government's Role in Health Care Provision.
- b. Health and health care as commodities –The measurement of health improvements – QALY, DALY – Economics of disability.

Unit 2: Demand for and Supply of Health Care

- a. Demand for health—a household production model - Grossman's Model of Demand for Health care.
- b. Determinants of supply of health care – production function and cost minimization – market equilibrium.

Unit 3: Economics of Health Insurance

- a. Risk pooling and Risk aversion - Adverse Selection - Moral Hazard
- b. Health Insurance in India

Unit 4: Economic Evaluation of Health Care Programme

- a. Costs of providing health care programme
- b. Benefits of health care Programme

Unit 5: Healthcare in India

- a. Health care systems in India
- b. Recent trends in health care expenditure in India

Reference

Books

1. Culyer, A.J, & Newhouse, J. P. (ed.), Handbook of Health Economics, edition 1, volume 1, chapter 34, Elsevier. 2000
2. John Henderson, Alastair Mcguire, Gavin Mooney, Economics of Health Care, Taylor & Francis, 1987
3. Gavin H. Mooney, GAVIN AUTOR MOONEY Key Issues in Health Economics, Harvester Wheatsheaf, 1994
4. Feldstein, Paul ' Health Care Economics' , Cengage Learning, 7th Edition 2011
5. Sherman Folland, Andrew C. Goodman and Miron Stano, The Economics of Health and Health Care, 6th ed., Prentice Hall, 2010
6. Marc J. Roberts, William Hsiao, Peter Berman, Michael R Reich, "Getting Health Reform - A Guide to Improving Performance and Equity", Oxford University Press (2003)

Articles/Working Papers

1. Manning, Willard G. et al. (1987), "Health Insurance and the Demand for Medical Care: Evidence from a Randomized Experiment", American Economic Review, May 1987, pp.251-277. [Focus on pages 251-256, 258-260, 267-271].
2. Cutler, David. M. and Richard J.Zeckhauser (1999), "The Anatomy of Health Insurance", National Bureau of Economic Research, Working Paper 7176. [Emphasizes economic theory of health insurance]
3. Arrow, Kenneth J. (1963), "Uncertainty and the Welfare Economics of Medical Care", American Economic Review, Vol.53, pp. 941-973. [The original health economics article]
4. Feldman, Roger and Bryan Dowd, "A New Estimate of the Welfare Loss of Excess Health Insurance", American Economic Review, Vol.81, pp.297-301.
5. Grossman, Michael (1972), "On the Concept of Health Capital and the Demand for Health", Journal of Political Economy, Vol.80, pp.223-255. [The "Grossman" model]

6. "Economic Efficiency and Cost-Benefit Analysis," pp. 64-67 only.
7. U.E. Reinhardt, "Can Efficiency in Health Care be Left to the Market?" *Journal of Health Politics, Policy and Law* 26(5) (October 2001); pp. 967-92.

Paper III: Economics of Child Labour
Subject Code: MPhIECCL

Unit 1: Concept, Causes and Roots of Child Labour

- a. Child labor as conceptualized by i) International Labour Organization, and other International Conventions and Organisations ii) India
- b. Distinction between 'child training', 'child work' and 'child labour' - Various forms of child labour and their interlinkages - Child labour in hazardous and non-hazardous sectors, street children, worst forms of child labour, child labour in unorganized sector, bonded child labour, disguised child labour, etc.
- c. Factors giving rise to child labour - Factory system and emergence of child labour - Socio-cultural and economic factors underlying child labor - Immediate, underlying and root causes of child labour

Unit 2: Consequences of child Labour

- a. Effects of child labour on physical, cognitive, emotional and social development of children.
- b. Effects of child labour on the family and vicious cycle of poverty-child labour
- c. Child labour and its effects on the economic progress of the country.

Unit 3: Facts and Figures on Child Labour

- a. Profile and Magnitude of child labour in the world - A comparative analysis.
- b. Profile and Magnitude and form of child labour in India.
- c. Profile and Magnitude and form of child labour in Tamilnadu

Unit 4: Strategies for Elimination of Child Labour

- a. Education programs: Education laws and policies reinforcing elimination of child labour – Expenditure on education and child labour - Access to primary education, retention in primary schools and child labour - Quality of education and child labour - Child labour and educational achievement
- b. Prevention programs - Workplace and community monitoring - Role of voluntary sector in combating child labor.
- c. Rehabilitation Programmes.

Unit 5: Child Labour and Legal Perspective

- a. Importance of legislation in the fight against child labour - Enforcement mechanism and problems - Impact/consequences of law enforcement
- b. International Labour Standards on Child Labour – ILO Minimum Age Convention 138, 1973
- The Convention on the Rights of the Child, 1989 - UNESCO World Declaration on Education for All, 1990 - Conventions and recommendations on elimination of child labour
International Program for Elimination of Child Labour (IPEC); Activities of other international organizations like UNICEF, UNESCO and World Bank.
- c. National Laws against child labour: Nature, Scope, Gaps and Limitations

References

1. Bequele (1995), First Things First in Child Labour, Geneva International labour Office
2. Burra, Neera, (1997), Born to Work: Child Labour in India, New Delhi: Oxford
3. Chander Suresh, (2004), Child Labour Informal Sector, New Delhi: Sunrise Publication
4. Child Labour Challenge and Response, Noida: V.V. Giri National Labour Institute, (2001),
5. Dr. Jignesh Chandra Kulshreshtha, (1994), Indian Child Labour, New Delhi: Uppal Publication
6. Exploring Child Labour Issues, An Abstract Series, Noida: V.V. Giri National Institute, (1998)
7. George IVY, (1990), Child Labour and Child Work, New Delhi: Ashish Publishing
8. Hirway, Indira, (1991), Towards Eradication of Child Labour, New Delhi: Oxford and IBH
9. R.N. Mishra, (2003), Child Labour in Hazardous Sectors, New Delhi: Discovery Publishing House
10. Showing The Way: Trade Unions Against Child Labour in India, New Delhi:International Labour Office, (1997)
11. Towards Eliminating Child Labour, Noida: V.V. Giri National Labour Institute, (1996)

Paper III: Economics of Education
Subject Code: MPhIECED

Unit 1: Basic Theory

- a. Education as a merit (social) good – Importance of Government Intervention in the provision of Education – Education as consumption and education as Investment.
- b. Education as an instrument for Economic Growth

Unit 2 Efficiency and Equity in Education

- a. External and Internal Efficiency of Education
- b. Educational equity measures: the equal opportunity criterion - the cost – benefit criterion- the ability to pay criterion.

Unit 3 Human Capital and Signaling Theories of Education

- a. Human Resource as Human Capital; Components of Human Capital; Human Capital vs. Physical Capital - Investment in human capital: A theoretical analysis
- b. Human Capital vs. Signaling Explanations of Wages - Job Market Signaling.

Unit 4 Cost-Benefit Analysis in Education

- a. Cost of Education - Private costs & Social costs; Wastage and Stagnation;
- b. Benefits of Education - Direct and Indirect benefits; Private and Social benefits – Returns to Education

Unit 5 Education Policy in India

- a. Primary and Secondary Education in India: Profile and Policy Questions
- b. Higher Education: Public Policy

References

1. Ansari, M.M. Education and Economic Development, New Delhi, AIU Publication, 1987.
2. Becker, Gary S. (1993). Human capital: A theoretical and empirical analysis with special reference to education, 3rd edition. Chicago: University of Chicago Press, Chapter 2, p. 15-25.
3. Blaug Mark an Introduction to Economics of Education, England, Penguin Books Ltd. 1980.
4. Cohn, Elchanan & Geske, Terry G. (1990). The economics of education, third edition. New York: Pergamon Press. (ISBN: 0-324-24387-1).
5. Garg, V.P. The Cost Analysis in Higher Education, New Delhi, Metropolitan Book Co., 1985.
6. Goldin C (2003) Education Policy and Economic Growth, "The human capital century." Education Next 3(1), pp. 73-78.
7. Nagpal C.S. & Mittal A.C. (eds) Economics of Education, New Delhi, Anmol Publications, 1993.
8. Pandit, H. N Measurement of cost Productivity & Efficiency of Education, New Delhi, NCERT, 1969.
9. Prakash Sri. & Choudhury, S. Expenditure on Education: Theory, Models and Growth, New Delhi, NIEPA, 1994.
10. Schultz, T. W, 1963, The Economic Value of Education, Columbia, Columbia University Press.
11. Sethi, Vinita, 1997, Educational Development and Resource Mobilization, New Delhi, Kanishka Publication.
12. Tilak, J.B.G. Economics of Inequality in Education, New Delhi, Sage Publications, 1987.
13. India Education Report Institute of Educational Planning and Administration, OUP, 2001

Paper III: Economics of Poverty
Subject Code: MPhIECPT

Unit 1: Defining the Problem: Measurement and Implications of Poverty

- a. Definition of poverty – determinants of poverty – Impact of poverty – poverty as deprivation
- b. Measures of Poverty – Poverty incidence Multidimensional poverty indices and poverty comparisons - Poverty gap index - Foster – Greer – Thobekke Poverty Index – Human Poverty Index.

Unit 2: Poverty and Inequality

- a. Poverty inequality inter linkages – Simon Kuznet's inverted U-shaped Curve - measures of inequality – Gini coefficient – Lorenz Curve.
- b. Trends in income and consumption inequality in India - Factors behind growing inequality and persistent poverty.

Unit 3: Poverty in India

- a. Poverty line definition in India - Causes of Poverty in India – Rural Poverty in India Trends of Poverty in India – Interstate comparison Estimates of poverty in India.
- b. Studies of poverty in India - Planning Commission and NSS estimates of Poverty in India

Unit 4: Impact of Poverty in India

- a. Poverty and Gender and poverty and children
- b. Poverty and Environment

Unit 5: Measures to Eradicate Poverty in India

- a. Remedial measures to remove poverty - Employment generation Programmes – Role of SHGs in removing poverty in India
- b. Poverty Alleviation Programmes in India

References

1. Govinda Rao M. 2002, Development, Poverty and Fiscal Policy, OUP.
2. Houghton, Jonathan and Shahidur R. Khandker. 2009. *Handbook on Poverty and Inequality*, World Bank; chapters 1-6.
3. Jugale V B, 2004, Globalisation, Growth and Poverty, Serials Publications New Delhi
4. Rebecca M. Blank, It Takes a Nation: A New Agenda for Fighting Poverty, Russell Sage Foundation, New York, 1997.
5. Subramaniam S (Ed) 1997. Measures of Inequality and Poverty, OUP.
6. Bourguignon and Chakravarty, 2003, "The measurement of multidimensional poverty," Journal of Economic Inequality, v.1
7. Duclos, Sahn, and Younger, 2006, "Robust Multidimensional Poverty Comparisons," The Economic Journal
8. <http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/EXTPOVERTY/EXTPA/0,,contentMDK:22405907~menuPK:6626650~pagePK:148956~piPK:216618~theSitePK:430367,00.html>

Paper III: Human Development
Subject Code: MPhIECHD

Unit 1: Introduction

- a. Definition of Human Development – Conceptual framework of Human Development – Components of Human Development Index (HDI) – Changes in HDI overtime
- b. Human Development and Economic Development – Human Development and Poverty – Human Development and Gender – Innovations in measuring Poverty and Gender Inequality

Unit 2: State of Human Development

- a. Progress of Nations – Recent trends in Human Development in terms of HDI
- b. Policy priorities for developing countries – Need for ambitious policies (2013)

Unit 3: Technology and Human Development

- a. Technology as a tool for Human Development
- b. Innovations and incentives for Research and Development in Technology – Technology Achievement Index (TAI)

Unit 4: Human Development and Millennium Development Goals (MDGs)

- a. MDGs: Targets and Indicators – Mobilising grass-roots support
- b. Commitments and prospects

Unit 5: Human Development in India

- a. Progress of Human development in India – State-wise comparison of HDI in India
- b. Public policies towards Human Development in India – Financing human development expenditure in India.

Reference

1. Gopal Ji and Suman Bhakri, 'Human Development in India – Analysis, Measurement and Financing' Ane Books, New Delhi. (2005)
2. Sakiko Fukuda –Parr and A,K,Shiva Kumar (Ed) Readings in Human Development, Oxford University Press, New Delhi, 2003
3. Human Development Reports, UNDP
4. Human Development Reports, NCAER

Paper III: Micro Finance
Subject Code: MPhIECMF

Unit 1: Introductory Microfinance

- a. Definition and the nature of Microfinance - global trends in microfinance- Impact of Micro Finance: Financial inclusion: process and progress – Micro Finance and Poverty Reduction
- b. The demand for microfinance - the supply of microfinance - Products and services in microfinance - Financial Services - Non Financial Services.

Unit 2 Micro Credit

- a. The screening of Beneficiaries - Distinguishing features of microcredit - The nature of finance Assets - Collateral Policies.
- b. Credit Lending Models - Grameen Bank Model of Bangladesh - The MC2 Model- Village Banking Model of FINCA –Rotating Saving and Credit Association (ROSCA) Model - SHG bank linkage programme - The SKS and Non-Banking Finance Company (NBFC) Model in India.

Unit 3 Risk Management and Sustainability of Microfinance

- a. Risks in Microfinance - The Business Risk -Financial Risks - Process related risks
- b. Sustainability and Outreach

Unit 4: Regulation of Micro finance

- a. Determinants for regulating microfinance - Key variables for microfinance regulation
- b. The policies for improving sustainability of Micro Finance

Unit 5 Micro Finance in India

- a. Evolution of Microfinance in India – Micro Finance Models in India - Emerging Issues of Micro Finance in India
- b. Regulation of Microfinance in India

Reference

1. Micro Finance - Perspectives and Operations by Indian Institute of Banking and Finance
2. Ghate, P. (2007), Microfinance in India: A State of the Sector Report, 2006, Microfinance India Publications, New Delhi.
3. Ghate, P. (2008), Microfinance in India: A State of the Sector Report, 2007, Microfinance India Publications, New Delhi.
4. Venugopalan Pugazhendhi, Microfinance in India- State of Sector Report,2012, Sage Publications
5. Jugale V B, 2004, Globalisation,Growth and Poverty, Serials Publications New Delhi

Articles:

1. Comparing Microfinance Models by Leonard Ajonakoh Fotabong, 2011
2. The State of Micro Finance in India –Emergence, Delivery Models and Issues by Vikas Batra and Sumanjeet, 011, AIUB Business Economics Working Paper Series No 2011-12- <http://orp.aiub.edu/>
3. Satish, P. (2005), “Mainstreaming of Indian Microfinance”, Economic and Political Weekly, Vol.40, No. 17, p. 1733.
4. Microfinance Scenario in the Country, NABARD, Available at: [http://www.nabard.org/pdf/publications/reports/mF_Scenario in the Country.pdf](http://www.nabard.org/pdf/publications/reports/mF_Scenario%20in%20the%20Country.pdf)
5. Microfinance Institutions Experiences and Services, NABARD, Available at: http://www.nabard.org/pdf/publications/reports/mFinstitutions_Experiences_andServices.pdf
6. Micro Finance Credit Lending Models available at: <http://www.gdrc.org/icm/model/model-fulldoc.html>

Paper III: Gender Economics
Subject Code: MPhIECGE

Unit 1: Introduction

- a. Definition of Gender – Gender Gap – Gender Development Index – Gender Equality Index - Gender Empowerment Measure
- b. Concept of Missing Women

Unit 2: Gender and Labour Market

- a. Gender and Labour Market Bias – Occupational segregation and Work Force Participation Rates – Gender and Wage Differentials
- b. Methodological issues in measurement of women's work and contribution to income.

Unit 3: Gender Discrimination

- a. Gender Inequality Index/Disparity Index
- b. Gender Discrimination in Education, Health, Politics, and Decision-Making

Unit 4: Gender and Environment

- a. Gender and Environment Linkages – Key environment related gender issues: access to water and resources - gender and energy - gender and climate change etc.
- b. Gender environment Index (GEI)

Unit 5: Gender Related Issues in India

- a. Demographic profile of Women in India
- b. Gender Sensitive Governance-Gender Budgeting - Socio-Economic Empowerment of Women in India - Public Policies towards Women Development

References:

1. Mira Seth, Women and Development - Indian Experience, Sage Publications. 2001
2. Papola, T.S. and A.N.Sharma (Ed), Gender and Employment in India, Vikas Publishing House, New Delhi. 1999
3. Ellen Annandale and Kate Hunt (Ed), Gender Inequalities in Health, OUP, Philadelphia, 2000
4. A Second Look at the Role Education Plays in Women's Empowerment, "International Center for Research on Women, Washington, D.C. 2005
5. "Trends, Countertrends and Gaps in Women's Employment", Mehra, Rekha and Sarah Gammage, World Development, Vol.27, No.3, 1999
6. Gender and Environment, United Nations Development Programme, July, 2011
7. Women's Participation in the Economic Activity of Asian Countries, ILO, Geneva. (1978)
8. Human Development Reports, UNDP
9. United Nations Development Fund for Women, WHO
10. World Bank Discussion Papers
11. Gender Budgeting in India – National Institute of Public Finance and Policy (NIPFP)
12. Human Development Reports of India, NCAER

Paper III: Labour Economics
Subject Code: MPhIECLB

Unit 1 Labour as Human Capital

- a. Uses of Human Capital - Sources of Human Capital Differences - Human Capital Investments and The Separation Theorem
- b. The Basic Theory of Human Capital - Schooling Investments and Returns to Education - A Simple Two-Period Model of Schooling Investments - The Ben-Porath Model

Unit 2 Labour Market

- a. Labor Demand: Firm's demand curve for labour - Short period and long period demand curve for labour – scale effect and substitution effect – Shifts in demand curve for labour – Market demand curve for labour.
- b. Labour supply: Labour force participation rate - Income – leisure trade off – derivation of labour supply curve - Backward bent supply curve – shifts in supply curve of labour – equilibrium in labour market- equilibrium wage rate - Role of trade Union- collective bargaining

Unit 3 Wage Inequality and Worker mobility

- a. Nominal and Real Wages - Reasons for wage inequality - Compensating Wage Differential.
- b. Worker mobility: Determinants of labour mobility – Migration and immigration

Unit 4 Asymmetric Information, Labour Market and Efficiency Wages

- a. Asymmetric Information - Signalling: The Basic Model of Labor Market Signaling - Moral Hazard: Basic Models: The Baseline Model of Incentive-Insurance Trade off;
- b. Efficiency Wage Model -. The Shapiro-Stiglitz Model.

Unit 5 Labour Market in India

- a. Worker Participation Rate in India - Share of labour force by sector – Share of informal employment and GDP- Formal and Informal Employment - Changing Labour Market in India.
- b. Flexibility, Employment and Labour market Reforms in India.

Reference

1. Labor Economics, by Pierre Cahuc and Abdre Zylberberg, MIT Press
2. Handbook of Labor Economics, edited by Orley Ashenfelter and Richard Layard
3. Lecture Notes for Graduate Labor Economics, by Daron Acemoglu <http://econ-www.mit.edu/files/199>
4. Killingsworth, M (1983) Labor Supply, Cambridge University Press.
5. Pancavel, J. (1986) "Labor Supply of Men: A Survey" in O. Ashenfelter and R. Layard, eds., Handbook of Labor Economics, Vol.1, Ch.1.
6. Killingsworth, M. and J. Heckman (1986) "Female Labor Supply: A Survey"" in O. Ashenfelter and R. Layard, eds., Handbook of Labor Economics, Vol.1, Ch.2.
7. Blundell, R. and MaCurdy, M. (1999) "Labor Supply: A Review of Alternative Approaches," in O. Ashenfelter and D. Card, eds., Handbook of Labor Economics, 3A, Ch.27, 1559-1695.
8. Hamermesh, D (1986) "The Demand for Labor in the Long Run," in O. Ashenfelter and R. Layard, eds., Handbook of Labor Economics, Vol 1, Ch. 8, 429-471.
9. Garima Gupta, 2013, Changing Labour Market in India in International Journal of Research in Economics & Social Sciences Volume 3, Issue 2 (March 2013) ISSN: 2249-7382
10. Hemal Shah, Towards greater labour market flexibility: Issues and Options Takshashila Research Report, 2013-S01. (2013) www.takshashila.org.in.

