

MANONMANIAM SUNDARANAR UNIVERSITY
TIRUNELVELI - 627 012
DEPARTMENT OF ECONOMICS
UNIVERSITY DEPARTMENT
M.Phil - Economics (CBCS)

Effective from the academic year 2016-2017

Eligibility:

A candidate who has passed degree in M.A. (Economics)/ M.A/M.Sc.,Econometrics/
M.Sc., Mathematical Economics, with 50 percent marks in PG is eligible.

Course Structure

S.No.	Seme ster	Subject	Credits	Hours /week	Maximum Marks			Passing Minimum	
					Int.	Ext.	Tot.	Ext.	Tot.
1	I	Core-1 (Theory): Research Methodology	8	8	25	75	100	38	50
2	I	Core-1 (Theory): Recent Developments in Economic Theory	8	8	25	75	100	38	50
3	I	Elective- Theory): Contemporary issues in Economics	8	8	25	75	100	38	50
4	II	Project and Viva-voce	16	-	25	75	100	38	50
Total			40	-	-	-	400	-	-

Research Methodology

Unit I

Economic Research- Significance of Economic Research – Theory and Fact - Scientific Methods- Types of Research-Formulation of Research Problem - Research Design- Formulation of Hypothesis- Nature and Source of Hypothesis in Economics - Sources of Data- Methods of Data Collection-Sampling Design – Presentation of Data.

Unit II

Methodology of Econometric Research: Simple Correlation- Linear Simple and Multiple regression- ANOVA.

Unit III

Multi-collinearity- Autocorrelation-Heteroscedasticity-Time Series Analysis – Analysis of inequality-Gini Co-efficient.

Unit IV

Time-series: Trend, Seasonality, Cyclicity and Stationarity.

Unit V

Testing of Hypothesis – Types of Errors – Parametric and Non-parametric tests: “t” Test – “z” Test – “F” Test – Chi-square Test.

Unit VI

Thesis and Report Writing – Different stages in writing Report – Layout of the Research Report Types – Precautions for writing Research Reports – Ethical issues in Research - Problems of Inference in Non-experimental Sciences.

Basic Readings List:

- C.R. Kothari –Research Methodology, methods and Techniques – Willy Eastern Ltd., 1988.
- A.Koutsoyiannis – Theory of Econometrics- An Introductory Exposition of Econometrics Methods- Macmillan Ltd., 1987.
- M.Cohen and E. Nagal – An introduction to logic and scientific method, New York, 1962.
- William J. Goode & Paul K Hatt – Methods in Social Research, 1972.
- Pauling V. Young – Scientific Social Survey's and Research, Practice Hall – (Dorsey Press), New York.
- Wonnacott and Wonnacott – Econometrics.
- Seltiz et al: - Research Methods in Social Sciences.
- Mark, Blouk Economic Methodology.
- Caldwell: Beyard Position.

Recent Developments in Economic Theory

- I. Macro Economic Issues
- II. Poverty and Unemployment
- III. Issues in Human Resource Development
- IV. Inflation
- V. Currency convertibility – Current account and Capital account
- VI. Regional inequality
- VII. WTO Compliance requirements
- VIII. Globalisation and the Challenges
- IX. Gender Issues in the context of Indian Economic Development
- X. Environmental Issues

Basic Readings List:

- J. Dreze and A.K Sen (1994), India: Economic Development and Social Opportunity, OUP, Delh.
- P. Patnaik (1995), Macroeconomics, OUP, Delhi.
- Human Development Report, UNDP.
- 4. India Development Report, OUP, Delhi.

Contemporary issues in Economics

UNIT- I: ECONOMIC DEVELOPMENT SINCE INDEPENDENCE

Major features of the economy at independence; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance— sustainability and regional contrasts; structural change, savings and investment.

UNIT- II: HUMAN RESOURCE DEVELOPMENT

Concept of human development – Different approaches to human development – Role of freedoms in promoting human development – Measures of human development: HDI, Gender-related Development Index, and Human Poverty Index – Correlation between HDI and per capita income – Millennium Development Goals.

UNIT-III: ENVIRONMENTAL VALUATION

Significance of Environment –Valuation- Direct values –Indirect values- Externalities – Social Cost- Assessing Health Damages – Cost of illness – Health foregone Expenditure - Contingent Valuation Method- Willingness to Pay and Willingness to Accept - Travel Cost Method – Hedonic Pricing Method – Cost Benefit Analysis – Human Capital Approach – Production Function Approach –River water pollution – Environmental Impact Assessment- Aquaculture – Biodiversity.

UNIT- IV: MANAGEMENT OF HEALTH

Management Health- Infant Mortality- Maternal Mortality- Still Birth Rate- Crude Birth Rate –Crude Death Rate- Sex-ratio- Life Expectancy – Malnourishment- High Order Birth – Sterilisation - National Family Health Surveys (NFHS) – Sample Registration Survey (SRS)- National Rural Health Mission (NRHM).

UNIT –V: NATURAL RESOURCE MANAGEMENT

Management of Natural Resources- A forestation and Deforestation- Livelihood and biodiversity management - Elements of climate change - Integrated water resource management- Types of Irrigation- Environment & Climate Change: Policy & Law - Climate Change Impacts, Mitigation and adaptation- Economic valuation and accounting of ecosystem services- Energy management- Risk assessment and disaster management- Climate Change and community well being.

Basic Readings:

Unit-I

- Jean Dreze and Amartya Sen, *India: Development and Participation*, Oxford University Press, 2nd edition, 2002.
- Pulapre Balakrishnan, 2007, "The Recovery of India: Economic Growth in the Nehru Era", *Economic and Political Weekly*, November.
- Rakesh Mohan, 2008, "Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment", *Economic and Political Weekly*, May.
- S.L. Shetty, 2007, "India's Savings Performance since the Advent of Planning", in K.L. Krishna and A. Vaidyanathan, editors, *Institutions and Markets in India's Development*.
- Himanshu, 2010, "Towards New Poverty Lines for India", *Economic and Political Weekly*, January.
- Jean Dreze and Angus Deaton, 2009, "Food and Nutrition in India: Facts and Interpretations", *Economic and Political Weekly*, February.
- Himanshu, 2011, "Employment Trends in India: A Re-examination", *Economic and Political Weekly*, September.
- Geeta G. Kingdon, 2007, "The Progress of School Education in India", *Oxford Review of Economic Policy*.
- J.B.G. Tilak, 2007, "Post Elementary Education, Poverty and Development in India", *International Journal of Educational Development*.
- T. Dyson, 2008, "India's Demographic Transition and its Consequences for Development" in Uma Kapila, editor, *Indian Economy Since Independence*, 19th edition, Academic Foundation.
- Kaushik Basu, 2009, "China and India: Idiosyncratic Paths to High Growth", *Economic and Political Weekly*, September.
- K. James, 2008, "Glorifying Malthus: Current Debate on Demographic Dividend in India", *Economic and Political Weekly*, June.
- Reetika Khera, 2011, "India's Public Distribution System: Utilisation and Impact", *Journal of Development Studies*.
- Aniruddha Krishna and Devendra Bajpai, 2011, "Lineal Spread and Radial Dissipation: Experiencing Growth in Rural India, 1992-2005", *Economic and Political Weekly*, September.
- Kaushik Basu, 2012, editor, *The New Oxford Companion to Economics*, Oxford University Press.

Unit-II

- Anita Bandrjee & Rajkumar Sen, (2000), *Women and Economic Development*, Deep & Deep Publications Pvt. Limited, F-159, Rajauri Garden, New Delhi – 110 027.
- Arun Monappa, (1997), *Managing Human Resources*, Macmillan India Limited, New Delhi
- Batra V.P. (1998), *The Economy and Human Resources*, B.R. Publishing Corporation, Ansari Road, Darya Ganj, New Delhi.

- Lakshmanasamy T. and T.M. Srinivasan, (1997), Economics of Human Behaviour, Allied Publishers, New Delhi – Chennai.
- Lallan Prasad & A.M. Bannerjee (1985), Management of Human Resources, Sterling Publishers Private Limited, New Delhi.
- Mitchael V.P. (1995), Human Resources Management and Human Relations, Himalaya Publishing House, New Delhi.
- Raj Kumar, (2000), Women Problems, Anmol Publications Pvt.Ltd., New Delhi.
- Suresh Vyas, (1998), HRD Priorities, Pointer Publishers, Jaipur.
- Swarnalatha E.V. (1997), Empowerment of Women Through Self Help.Groups, A Training Manual, Discovery Publishing House, New Delhi

Unit-III

- Baumol, W.J. and W.E. Oates (1988), The Theory of Environmental Policy, (2nd Edition), Cambridge University Press, Cambridge.
- Berman, P. (Ed.) (1995), Health Sector Reform in Developing Countries : Making Health Development Sustainable, Boston: Harvard Series on Population and International Health.
- Blaug, M. (1972), Introduction to Economics of Education, Penguin, London.
- Bromely, D.W. (Ed.) (1995), Handbook of Environmental Economics, Blackwell, London.
- Cohn, E. and T. Gaske (1989), Economics of Education, Pergamon Press, London.
- Fisher, A.C. (1981), Resource and Environmental Economics, Cambridge University Press, Cambridge.
- Hanley, N., J.F. Shogern and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
- Hussen, A.M. (1999), Principles of Environmental Economics, Routledge, London.
- Jeroen, C.J.M. van den Bergh (1999), Handbook of Environmental and Resource Economics, Edward Elgar Publishing Ltd., U.K.
- Klarman, H.E. (1965), The Economics of Health, Columbia University Press, New York.
- Kolstad, C.D. (1999), Environmental Economics, Oxford University Press, New Delhi.
- Pearce, D.W. and R. Turner (1991), Economics of Natural Resource Use and Environment, John Hopkins University Press, Baltimore.
- Perman, R. Ma and J. McGilvary (1996), Natural Resource and Environmental Economics, Longman, London.
- Sankar, U. (Ed.) (2001), Environmental Economics, Oxford University Press, New Delhi.
- Schultz, T.W. (1971), Investment in Human Capital, Free Press, New York.
- Tietenberg, T. (1994), Environmental Economics and Policy, Harper Collins, New York.

Unit-IV

- Berman PA and ME Khan (1993). Paying for India's Health Care, Sage Publications, New Delhi
- Folland S, Goodman AC, and Stano M. (1987): The Economics of Health and Health Care, Prentice Hall, New Jersey
- Mills A, and Lee K (Eds.) (1993). Health Economics Research in Developing Countries, Oxford University Press, New York
- Mills A (1983). Economics of Health in Developing Countries, Oxford University Press, New York.
- Phelps CE (1997). Health Economics, Addison Wesley, New York
- Thomas E. Getzen (1997). Health Economics: Fundamentals and Flow of Funds, John Wiley & Sons, Inc., New York.
- Rama Baru et al., 2010, "Inequities in Access to Health Services in India: Caste, Class and Region", Economic and Political Weekly, September.

Unit-V

- Francois Ramade 1984. Ecology of Natural Resources. John Wiley & Sons Ltd.
- Odum, E.P. 1971. Fundamentals of Ecology. W.B. Saunders Co. USA, 574p
- Coastal Ecology & Management, Mann, K.H. 2000.
- Ecology of Coastal Waters with Implications for Management (2nd Edition).
- Global Change and Natural Resource Management, Vitousek, P.M. 1994. Beyond global warming: Ecology and global change. Ecology 75, 1861-1876.
- Agarwal, K.C., 2001. Environmental Biology, Nidhi Publication Ltd. Bikaner.
- Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publishing House.
- Heywood, V.H. & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge Univ. Press.
- Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB)
- Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science

