

**DEPARTMENT OF ECONOMICS
OSMANIA UNIVERSITY
HYDERABAD-500 007**

**ONE SEMESTER COURSE WORK
FOR Ph.D. PROGRAMME IN ECONOMICS
[w.e.f. 2011-12]**

**Paper -1: RESEARCH METHODOLOGY IN ECONOMICS
(Compulsory and Common to all the Candidates in the Department)**

Theoretical base for Empirical research - Two way relation between theory & Empiricism; Need and formulation, Testing of empirical validity of hypotheses in Economics, Case studies, Survey Methods, Time - series & Cross section studies in Economic research.

Selection of research problem; Research design & report writing including methods of citing references, Broad details of important sources of citing references; Collection of data-questionnaires and schedules, formal and informal discussions, cross verification.

Sampling techniques, Small sample test (t), large sample test (chi-square); Calculation of growth rates [simple and compound] between two end points, Growth rates in linear, quadratic, Semi-log models, Conversion of economic variables [Production/Capital/Wages] at current prices to constant prices.

Measures of Inequality, Standard Deviation, Coefficient of Variation, Lorenz Curve, Gini Coefficient, Estimation of degree of Correlation between Economic variables, Simple and multiple Regression, Presentation of Regression results and interpretation of coefficients, sign and size, Tests of Significance, Standard Errors, r^2 , R^2 , adjusted R^2 .

SUGGESTED READINGS

Ashok Rudra :Measurement in Economics, Allied Publishers, Delhi 1969.

Kurien (ED.) CT: A Guide to Research in Economics, Rainbow Publications, Coimbatore, 1985

Kothari .C.R.: Research Methodology Methods and Techniques" New Age International (P) Limited, Publishers, New Delhi, 2004

Krishnaswami O.R. Methodology of Research

PAPER-II (A): AGRICULTURE & RURAL DEVELOPMENT

Optional Paper

- I. Importance of Agriculture in Rural Development-Farm size and Productivity Relationship, Production Function Analysis, Returns to Scale and Returns to Variable, Technological Changes, Supply Response of Agricultural Commodities.
- II. Agricultural Marketing - Marketable and Marketed Surplus, Marketing Channels and Price Spread, Price Policy, Subsidies in Agriculture, Food Security and Public Distribution System.
- III. Agricultural Credit - Institutional and Non-Institutional Sources of Agricultural Credit, Pattern of Credit, Utilization and Recovery.
- IV. Rural Development and basic issues: Diversification of agriculture, dry-land, farming, Inclusive Growth-Incidence of Rural Poverty and Unemployment - Alleviation Programmes - Self Help Groups, Micro Finance National Rural Employment Guarantee Scheme, Regional Imbalances in Andhra Pradesh.

SUGGESTED READINGS

1. Acharya.SS Agricultural Marketing in India, Oxford and IBH Publications,
Agarwal. NL New Delhi. Government of India, Economic Survey - 2010-11.
2. Banerjee. NC "Farm-size productivity and Resource use Efficiency in
Santra. B Agriculture" Economics Affairs, 33(3), 1988.
3. Bhalla. GS "Green Revolution and Small Peasant - A study of Income
Chadda. CK Distribution in Punjab", Economic Political Weekly, 17,
(20&21), 1982.
4. Evan Drummond H "Agricultural Economics", Pearson Education (Singapore) Pvt.
Ltd., 2004
5. Heady, EO Agricultural Production Functions, Kalyani Publishers,
Dillion. JL New Delhi
6. Hanumantha Rao. CH: "Agricultural Growth, Farm Size and Rural Poverty
Alleviation in India" Academic Foundation, New Delhi 2005
7. Krishna Bharadwaj: "Production Condition in Indian Agriculture: A Study Based on
Farm Management Studies, PK Beechi and Co., Calcutta,1991.

8. Katar Singh "Rural Development" Principles, Policies and Management, Sage Publications, New Delhi 2009.
9. Mahendra Dev. S "Inclusive Growth in India- Agriculture, Poverty and Human Development" Oxford University, Delhi 2007
10. Subba Reddy. S
Raghu Ram. P
Neelkanta Shastry, TV
Bhavani Devi. I Agricultural Economics, Oxford and IBH Publications. New Delhi
11. Srinivasan N. Micro-Finance India - State of the Sector Report 2010 Sage Publications, New Delhi.
12. Shovan Ray (Ed) Hand Book of Agricultural in India, Oxford University Press, Delhi, 2007
13. Soni R.N. "Leading Issues in Agricultural Economics" Vishal Publishing Company, Jalandhar, 2006
14. Dr. Satya Sundaram. I "Rural Development" Himalaya Publishing House, New Delhi 2009.
15. Upender. M
Shiva Reddy. B
Swamy. T.L.N "Inclusive Growth in Agriculture" Mittal Publications, New Delhi, 2011.
16. Upender. M Marketable and Marketed Surplus in Agricultural, Mittal Publications, New Delhi. 1989
17. Vivek Saurath "Rural Development - Major Issues in Agricultural Management" Dominant Publishers and Distributors, New Delhi 2003.
18. Vasant Desai "Rural Development in India (Past, Present and Future) A Challenge in the Crisis, Himalaya Publishing House, New Delhi, 2009.

PAPER-II (B): INDUSTRY & INTERNATIONAL TRADE

Optional Paper

- I. Pattern of industrialization, Theories of Hoffman, Chenery and Gershenkron and Structural Changes; Pseudo industrialization - Industrial Growth during Planning era; Concept and measurement of partial and total productivity (Kendrick and Solow methods)
- II. Services sector led Growth; Globalisation and Indian Economy, Privatization - Disinvestment and role of private sector.
- III. Rural Industrialisation; Small-Scale Industries; Sources of Industrial Finance Specialized institutions; Capital Market in India.
- IV. Foreign Trade - India's foreign trade; Composition and Direction (after 1980s); Trends in Balance of Payments; Foreign Trade Policy; SEZ, WTO and India.

SUGGESTED READINGS

1. Ashu Pasricha: WTO, Self-Reliance and Globalisation, Deep & Deep Publications Pvt Ltd., New Delhi 2005
2. Alok Roy: "External Sector Liberalisation in India" Economic and Political Weekly October 2, 1993.
3. Asian Development Bank: Trade Policy, Industrial Performance and Private Sector Development in India, Oxford University Press, New Delhi, 2008
4. Bimal Jalan: Indian Economy in the New Millennium, UBSPD, New Delhi, Chapter 8
5. Chenery H.B.: Taylor "Development Patterns among Countries & Over Time" Review of Economics & Statistics, Nov. 1968
6. Dilip Mookharjee (Ed): Indian Industry: Policies and Performance, Oxford University Press, New Delhi 1997.
7. Goldar Biswanath: "Indian Manufacturing: Productivity Trends in Pre and Post Reforms Period" Economic and Political Weekly, November 20, 2004.

8. Hoffmann. W: The Growth of Industrial Economics, Manchester, 1958
9. Jagdish Bhagwat: In Defence of Globalisation, Oxford University Press, New Delhi, 2004.
10. Kaushik Basu (Ed): The Oxford Companion to Economics in India, Oxford University Press New Delhi, 2007.
11. Nagaraj. R: "India's Recent Economic Growth; A Closer Look" Economic & Political Weekly, April 12, 2008
12. Puspa Trivedi:
Anand Praka
Anand Sinate
Productivity in Major Manufacturing Industries in India: 1973-74 to 1997-98 (Reserve Bank of India, Development)
13. Patil R.H.: "Current State of Indian Capital Market" Economic and Political Weekly March, 18, 2006.
14. Ranga Rajan: Select Essays in Indian Economy Academic Foundation, New Delhi, 2004.
15. Rakesh Mohan: :Small-Scale Industrial Policy in India: A Critical Evaluation" in Anne O Kruger (Ed) Economic Policy Reforms and Indian Economy, Oxford University Press, New Delhi, 2002.
16. Sebastian Morris:
Rakesh Basa
Keshab Dad
Ramachandran K and
Abraham Koshy
The Growth and Transformation of Small Firms in India, Oxford University Press, New Delhi. 2001.
17. Stiglitz. F.Joseph: Globalisation and its Discontents, Penguin Books.
18. Singh Kaljit: Questioning Globalisation, Madhyam Books New Delhi, 2005
19. Scutliffe: Industry & under development, Addison Wesley, London, 1971
20. Sunanda Sen: Trade and Dependence - Essays on the Indian Economy, Sage Publications, New Delhi, 2000.

Note: Ph.D Research Scholars in Economics has to choose one of the two optional papers (Agriculture & Rural Development or Industry & International Trade)