

UNIVERSITY OF PUNE
COURSE WORK FOR RESEARCH IN ECONOMICS (FOR PH.D STUDENTS)

(As designed in AUGUST 2010)

Instructions:

1. The total course work will be of 20 credits.
2. The duration of the course work will be one semester of not less than three months of teaching and field work
3. Those who have successfully completed M. Phi. In Economics previously will be exempted from the course work for PhD.

CONTENT OF THE COURSE WORK:

The course work has been segregated into three parts; (a) Research Methodology for 5 credits (b) Course related to Recent Advances in Economics for 10 credits and (c) Assignments and Field Work for 5 credits.

(A) RESEARCH METHODOLOGY

(5 CREDITS)

1. Research-
 - 1.1 Meaning of research in Social Sciences as applicable to Economics, Objectives behind the research, importance and utility of Social Science research.
 - 1.2 Limitations of and difficulties in Social Science research (Economics).
2. Information Systems-
 - 2.1 How to collect global Information- Internet surfing, downloading.
 - 2.2 Applications of Computer Softwares - Spread sheets, (MS Excel, O.Off. Calc), Word processors (MS Word, O.Off. Write) Presentation programs (MS Power Point, O.Off. Impression) Awareness of Math software, Stat Software (Matlab, Freemat, Scilab, SPSS etc.).
3. Research Design
 - 3.1 Stages involved in designing research
 - 3.2 Data Collection - Sources of Data (Documents and Field)
 - i) Primary - Interviews, Questionnaire
 - ii) Secondary Data Collection
 - 3.3 Pilot study method, Case study method

- 3.4 Hypothesis - Definition, Formulation and role
- 3.5 Sampling Technique - Types of Samples, Size of Samples

4. Research Techniques

- 4.1 Processing of Data- i)Tabulation, ii)Concept of Functions, (Examples of Single variable functions - Linear), Variables and Graphs, iii) Percentage

5. Some Statistical Methods

- 5.1 Classification and Tabulation
- 5.2 Types of Diagrams and Charts,
- 5.3 Measures of Central Tendencies- Arithmetic Mean, Weighted Mean, Median, Mode (Simple)
- 5.4 Dispersion- Standard Deviation, Mean Deviation, Variance
- 5.5 Correlation
- 5.6 Regression
- 5.7 Hypothesis Testing

6. The Report Writing

- 6.1 Format of the thesis.
 - 6.2 Presentation – Slides
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Reading List:

1. Wilkinson and Bhandarkar - Methodology and Techniques of Social research –
2. Pauline, Young - Scientific Social Surveys and Research
3. Goode and Hatt - Methods in Social Surveys and Research
4. Sharma Prasad and Satyanarayana (ed) Research Methods in Social Sciences
5. Moser and Kalton - Survey Methods in Social Investigations
6. Sadhu and Singh - Research Methodology in Social Sciences
7. Kurein C. T. A guide to research in Economics.
8. Devendra Thakur - Research Methodology in Social Sciences
9. Basotia G.R. Sharma K.K.- Research Methodology

(B) RECENT ADVANCES IN ECONOMICS**(10 CREDITS)**

(There are five courses being offered by the Department and each will carry 2 credits)

COURSE 1: ECONOMIC THEORY

1. Advanced Micro-Economic Theory- Post Keynesian dynamics
2. Advanced Macro-Economic Theory - Welfare economics and development given by professor Amartya Sen
3. Advanced International Trade Theory - Paul Krugman's contribution and further developments
4. Theories of Growth and Development an overview of recent developments
5. Theories of Finance -Recent theories in Risk management, financial inclusion, changing role of financial institutions

Reading List

1. Kreps David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.
2. Samuelson, P.A. and W.O. Nordhaus (1998), Economics, 16th Edition, Tata McGraw Hill, New Delhi.
3. Verian H. (2000) Microeconomic Analysis, W.W Norton New York.
4. Dornbusch, R. and F. Stanley (1997), Macroeconomics, McGraw Hill, Inc., New York.
5. Hall, R.E. and J.B. Taylor (1986), Macroeconomics, W.W. Norton, New
6. Mankiw, N.G. and D. Romer (Eds.) (1991), New Keynesian Economics, (2 vols.), MIT Press, Cambridge.
7. Solow, R.M. (2000), Growth Theory : An Exposition, Oxford University Press, Oxford.
8. Shaw, E.S. (1983), Financial Deepening in Economic Development, Oxford University Press, London.
9. Smith, P.F. (1978), Money and Financial Intermediation : The Theory and Structure of Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.

10. Hanson, J.A. and S. Kathuria (Eds.) (1999), *India : A Financial Sector for the Twenty-first Century*, Oxford University Press, New Delhi.

COURSE 2: RECENT TRENDS IN ECONOMIC SUB-DISCIPLINES

1. Recent trends in Agricultural Economics
2. Recent trends in Industrial Economics
3. Recent trends in Banking and Finance
4. Contributions by Nobel economists

Reading list:

1. Ahluwalia I.J. (1985), 'Industrial Growth in India', Oxford University Press: New Delhi
2. Bhole L.M (1999), 'Financial Institutions and Markets', Tata-McGraw Hill: New Delhi
3. Bhole, L.M (2000), 'Indian Financial System', Chugh Publications, Allahabad Hanson, J.A. and S. Kathuria (1999), 'India : A Financial Sector for the Twenty-first Century', Oxford University Press, New Delhi
4. Divine P.J, R.M. Jones et al (1976), 'An Introduction to Industrial Economics', George, Allen and Unwin Ltd., London
5. Gulati & Kelley (1999), 'Trade Liberalization of Indian Agriculture', Oxford University Press
6. Hay D. and D.J. Morris (1979), 'Industrial Economics Theory and Evidence', Oxford University Press, New Delhi
7. Kapila Uma (2003), 'Indian Economy since Independence' Academic Foundation
8. Prasad C.S (2006), 'Sixty years of Indian Agriculture', New Delhi

COURSE 3: NEW TRENDS IN ECONOMIC THEORY

1. Feminist theory of economics
2. Environmental approaches to economics including green microfinance and green development

Reading list:

1. Nussbaum Martha (2000), 'Women and Human Development', Cambridge University Press
2. Pearce, D.W. and R. Turner (1991), Economics of Natural Resource Use and Environment, John Hopkins University Press, Baltimore
3. Sankar, U. (Ed.) (2001), Environmental Economics, Oxford University Press, New Delhi.
4. Sen Amartya (1999), 'Development as Freedom', Oxford University Press

COURSE 4: DIFFERENT ASPECTS OF GLOBALIZATION

1. WTO and its impact on the developing world
2. International financial architecture
3. Recent financial crises and the role of IMF

Reading list:

1. Beynon Robert (2001), 'Global Economics', Routledge
2. Desai Padma (2004), 'Financial Crisis, Contagion, and Containment: From Asia to Argentina', Oxford University Press
3. Feenstra Robert C (1998), 'Integration of Trade and Disintegration of Production in the Global Economy', The Journal of Economic Perspectives, Volume 12, No.4, Autumn 1998
4. Hoekman Bernard and Kostecki Michel (2001), 'The Political Economy of the World Trading System: The WTO and Beyond', Oxford University Press
5. Ito Takatoshi and Anne Krueger (2000), 'The Role of Foreign Direct Investment in East Asian Economic Development', NBER and University of Chicago Press
6. Krugman Paul (1997), 'Development, Geography and Economic Theory', MIT Press
7. Nagesh Kumar (1998), "Globalization, Foreign Direct Investment and Technology Transfer", Routledge

COURSE 5: POLITICAL ECONOMY

1. Democracy and development in India
2. Liberalization and the role of the state

Reading list:

1. Roy Ramashray (2009), 'Economy, Democracy and the State: The Indian Experience', Sage: New Delhi
2. Frankel Francine (2005), 'India's Political Economy', Oxford University Press
3. Frankel Francine (2005), 'India's Political Economy, 1947-2004: The Gradual Revolution', Oxford University Press
4. Bardhan P 2008 The Political Economy of India (Expanded Ed), Oxford University Press
5. Chattrejee P 2008 Democracy and Economic Transformation in India, Economic and Political Weekly, April 19

(C) ASSIGNMENT AND FIELD WORK

(5 CREDITS)

1. Prepare bibliography on a predetermined topic
2. Prepare annotated bibliography
3. Two book reviews: one of which has to be in English
4. Two research papers
5. Seminar with power point presentations
6. Critical review of two M. Phil or PhD dissertation
7. Field work or data analysis or preparing questionnaire of not less than twenty items

S R Dastane
(Dr S R DASTANE)

Rohini Sahni
(Rohini Sahni)
Dr. (Mrs.) ROHINI SAHNI
Reader,
Department of Economics,
University of Pune,
PUNE-411 007.