

Syllabus for Ph.D in Economics, JMI

(Paper I)Course on Research Methodology

Unit-1:

- Introduction to philosophy of science and research methodology
- Research Design: Need for research design, Features of a good research design, Different research design
- Experimental survey: Basic principles of experimental design
- Case studies - problems and limitations.
- Planning and implementing research projects: planning a research project, problem formulation, research strategy and methods

Unit-2:

- Methods of Data Collection: Direct method and Indirect methods
- Data collection through questionnaires and schedules
- Problems in data collection
- Data processing: Operations and Problems in data processing
- Sampling design: meaning and its applications
- Measurement and scaling techniques: Measurement Scales and Sources of errors in measurement

Unit-3:

- Analysis of Data: Measures of and analysis Central Tendency, Dispersion, Skewness and Kurtosis
- Theoretical Distributions: Normal, Poisson and Binomial
- Statistical Estimation and Testing of hypothesis.

Unit-4:

- Methods of Analysis: Simple and Multiple Regression
- Time series analysis
- Problems in econometric estimation

Unit-5:

- Documentation - writing the research thesis
- Introduction to statistical and econometric software

Readings:

Kothari, C.R., Research Methodology

Kurien, C.T. (ed.), A Guide to Research in Economics.

Ghosh, B.N., Scientific Methods and Social Research.

Foerces, D.P. and Richer, S., Social Research Methods.

Feeber, R. and Verdoom, P.J. , Research Methods in Economics and Business.

Wilkinson, T.S. and Bhandarkar, P.L., Methodology and Techniques of Social Research

Enders, W., Applied Econometric Time Series, John Wiley & Sons, New York,.

Gujarati, D.N., Basic Econometrics, 4th Edition, McGraw-Hill, New York.

Wei, W.W.S., Time Series Analysis: Univariate and Multivariate Methods, Addison-Wesley Publishing Company, New York

(Paper II)Advanced Topics in Economics

Unit 1: Micro and Macro Economics

- Consumer Demand Theory: Choice under Certainty and Uncertainty
- Theory of Production and Cost
- Inflation and Unemployment in the Closed and Open Economy
- Macro policy options

Unit 2: International Trade, International Finance, Corporate Finance

- Modern theory of trade and trade Policy,
- Intra-Industry Trade, Free Trade versus Protection, Analysis of gains from free trade.
- Theories of Balance of Payment and exchange rate determination
- Policy Conflicts and Adjustment under Fixed and Flexible Exchange Rates
- Modern Investment Theory
- Financial Derivatives

Unit 3: Development and Growth Theory

- Theories of under-development
- Classical Growth Models
- Endogenous Growth Models
- Sustainable Development

Unit 4: Economic Issues and Policy-I

- Planning and Economic Reforms
- Financing of Infrastructure Development, Education Sector,
- PSUs, Privatization and Disinvestment,
- Fiscal and Monetary Policy Approaches
- Tax Reforms, Central Government Finances

- Financial Sector Reforms, Money and Capital market.
- Foreign Trade Liberalization, Balance of Payments, Exchange Rate
- World Trade Organization (WTO) and Indian Competition Policy.
- Patterns (structure) of India's Foreign Trade and India's Trade Policy, RTAs and FTAs.
- WTO and Effects of Trade (Liberalization and Globalization) on Poverty, Inequality, Environment, Gender, Labour Standards, Technological Transfers etc.

Unit 5: Economic Issues and Policy-II

- Poverty, Income Distribution and Justice
- Migration and Demographic Transition
- Land Reforms in India and their impact on Agrarian Structure
- The New Economic Policy and Indian Agriculture
- Nature and Problems of Rural Development in India
- Indian Industry and Structural Changes
- Rural industrialization and strategies
- Rural poverty alleviation and employment programmes

Reading List:

Unit 1

- Mas-Colell, Andreu, Michael D. Whinston and Jerry R. Green, (1995), Microeconomic Theory, OUP, New York.
- Jehle & Renne, Advanced Microeconomic Theory, Pearson Education, India
- Varian, Hall R., (1992), Microeconomic Analysis (Third Edition), W.W. Norton & Company, New York, London.
- Varian, Hall R., (1990), Intermediate Microeconomics, W.W. Norton & Company, New York, London.
- Kreps, David M. (1998), A Course in Microeconomic Theory, Prentice Hall, India, New Delhi (For Unit V).
- Dornbush, R. and S. Fischer (2004) – Macroeconomics (9th Ed, Tata-McGraw Hill)).
- Jha, R. (1991)– Contemporary Macroeconomic Theory and Policy; (Wiley Eastern)
- Levacic, R and A. Rebman (1986) – Macroeconomics; (2nd Ed, Macmillan).
- Mankiw, N. Gregory (2000) – Macroeconomics (4th Ed, Macmillan-Worth))
- Mankiw, N.G. and D. Romer (eds.) (1991) – New Keynesian Economics; (MIT, Cambridge)
- Begg, D. K. H. (1982), The Rational Expectation Revolution in Macro-economics”, Oxford, Allan
- Davidson, Paul (1994), Post Keynesian Macroeconomic Theory, Aldershot, UK: Edward Elgar.
- Romer, David (1996), Advanced Macroeconomics, New York: McGraw-Hill.

Unit 2

- Salvatore, Dominick, International Economics, 6th Edition (1998) Prentice Hall, 7th and 8th Editions (2001 and 2004) John Wiley & Sons.
- Sodersten, Bo and Reed, G. (1994), International Economics, Macmillan Press Ltd., London

- Krugman P.R. and Obstfeld D. (1994), International Economics: Theory and Policy. Third edition. Harper Collins. New York
- Caves, Jones and Frankel (1999), World Trade and Payments, 8th edition, Addison-Wesley.
- Alexander, G.J., W.F. Sharpe and J.V. Bailey (2002), Fundamentals of Investments, Third Edition, Prentice-Hall of India Private Limited, New Delhi
- Shapiro, Alan C., Multinational Financial Management, John Wiley and Sons, 2003, Seventh Editions, Chapter 3.
- Kenen, P.B., The International Economy, Prentice Hall Publication.
- Pecchioli, R.M., The Internationalization of Banking, OECD, Paris; 1983

Unit 3

- Aggarwal and Singh (1958): The Economics of Underdevelopment. Oxford university Press, New Delhi
- Chakarvarti, S (1981): Development Planning: The Indian Experience. Oxford University Press, New Delhi.
- Chakarvarti, S. (1982): Alternative Approaches to a Theory of Economic Growth, Oxford University Press, New Delhi.
- Chenery, H. et al (1987): Handbook of Development Economics V 01.1 and II. North-Holland.
- Haq, M.: Reflection on Human Development, Oxford University Press. New Delhi.
- Harris. John: (1982), Rural Development - Theories of Peasant Economy and Agrarian change
- Meier, G.M. (1971): Leading Issues in Economic Development Oxford University Press, New Delhi.
- Myrdal. G (1968): Asian-Drama: An Enquiry into the Poverty of Nations, Pelican, London.
- Sen, A.K. (1970): Growth Economics, Penguin.
- Sen, A.K. (1981): Poverty and Famines, Allied publishers, New Delhi.
- Sen, S.K. (1984): Resources, Values & Development, Basil Blackwell. London.
- Thirwall, A. (1978): Growth and Development, Macmillan, London.

Unit 4 and Unit 5

- Ahluwalia. I.J. and I.M.D Little (Eds.), India's Economic Reforms and Development (Essays in honour of Manmohan Singh) Oxford University Press, New Delhi – 1999.
- Bardhan. P.K. (9th Edition), the Political Economy of Development in India, Oxford University Press, New Delhi – 1999.
- Ahluwalia. I.J., Industrial Growth in India, Oxford University Press, New Delhi – 1985.
- Brahmananda, P.R. and V.R Panchmukhi (Edi.), The Development Process of Indian Economy, Himalayas Publishing House, New Delhi – 1987.
- Mookherjee. D. (Edi); Indian Industry, Policies and Performance – Oxford University Press, New Delhi – 1997.
- Mundle. S: Public Finance; Policy Issues for India – Oxford University Press, New Delhi – 1999.
- Srinivasan. T.N. (Edi.) Measurement of Inequality and Poverty, Oxford University Press, Calcutta, 1997.
- Myrdal. Gunnar. Asian Drama: An Inquiry into Poverty of Nations, New York, Twentieth Century Fund.
- Williamson, Oliver E: the Economic Institutions of Capitalism, firms, Markets, Relational Contracting, New York: Free Press.

- Bardhan, Pranab; Poverty Agrarian Structure and Political Economy in India. Selected Essays – Oxford University Press, New Delhi – 2003.
- World Bank; Re-Energising the Agriculture Sector to Sustain Growth and Reduce Poverty – Oxford University Press, New Delhi – 2005.
- Rao Hunumanta, C.H.; Agriculture, Food Security Poverty and Environment, Essays on Post Reform in India, Oxford University Press, New Delhi – 2005.
- Duff L, Government and Market, Orient Longman, New Delhi 1997.
- Chelliah Raja J; Fiscal Policy in under developed countries, George Allen and Unwin, London 1971
- Bhargava, R.K.; Some Aspects of Indian Public Finances, Uppal Publishing House, New Delhi – 1985
- Ashok Rudra (1965) Economics of Agricultural Production and Resource Use, Prentice Hall
- Khusro AM. (1968) Readings in Agricultural Economics, Allied, Bombay
- Kuznets.S. (1965) Economic Growth and Structure, Oxford and DBH Publishing Compnay, New Delhi.
- Schultz T.W. (1964) Transforming Traditional Agriculture, New Have, Yale Univesity Press
- Sidhu, D.S. (1990) Some Aspects of Agricultural Economics and Price Policies in India, IJAE,July-Sept.
- Suthworth, H. M. and B.F. Johnston(Ed) (1974) Agricultural Development and Economic Growth Cornell Univesity, London
- Tyagi D.S (1974) Farmers Response to Agricultural Price In India: A Study in Decision Making, Heritage Publishers New Delhi
- Y.Haymi and V.Rutan (1971) Agricultural Development-An International Perspective, Jhon Hopkins
- Witt L (1950) Role of Agriculture in Economic Development, a Review of J.I of Farm Economics, February.
- David A.M. Lea and D.P. Chaudhri (Ed), Rural Development and the State
- Harris John. (Ed). 1982, Rural Development theories of Peasant economy and agrarian change, Hutchison University library, South Africa
- Basu Kaushik, Agrarian Questions, Oxford University Press
- Battacharya S.N., Rural Industrialization in India
- Rao R.V., Rural Industrialization in India
- Bagchi V., Khadi and Village Industries in the Indian Economy
- Vasant Desai., Organization and Management of Small Scale Industries
- Sundaram J.B., Rural Industrial Development
- Vasant Desai, Problems and Prospects of Small Scale Industries in India
- Mehan K K , Small Industry Entrepreneurs Handbook
- Dandekar V.M. and Rath .N. –poverty in India
- Government of India – evolution of community development programme in India
- Desai, Vasant – study of rural economics, Himalya Publishing Company, New Delhi
- Krishnamurthy V.T. –community development India
- Jain P.C. – Agriculture Reforms in India
- R.B.I Report on SFDA - -R.B.I. Mumbai
- Government of India, Ministry of Finance, Economic Devision Economic Survey- various issues
- Jain ,P.C. Agricultural Reforms in India