



MOTHERHOOD UNIVERSITY, Roorkee

Department of Economics
Faculty of Arts, Humanities and social Sciences
Ph.D. Programme in Economics

The course structure of Ph. D. has been designed to impart research scholars in-depth research and analytical skills. This enhances their employability in industry and other professional fields. This provides students with skills enabling them to critically investigate complex research questions and test the validity of existing theories in different branches of the subject. It also aims to expand the student's knowledge in their respective fields of research. The programme inculcate skills of research and report writing , besides improving their presentation skills.

Programme Outcomes(POs)/ Programe Specific outcomes:

- PO1** .the programme would enable the students apply theories, models, and tools of Economics to analyze socio-economic issues and formulate viable solutions.
- PO2** students would be able to Undertake scientific enquiry and research to resolve socio-economic problems
- PO3** The Programme demonstrate professional competencies to investigate socio-economic issues, extracting qualitative and quantitative data, critically examining its impacts for resource allocation, distribution, and exchange.
- PO4** Students would be Engage in reflective thinking leading to self-learning and lifelong learning, forge sustainable linkages with communities, thereby giving a boost to civic engagement.
- PO5** After the completion of the programme the students will be able to Apply economic reasoning to study social life, interpret data about the economy, understand the role of theories in economic inquiry.

ECONOMICS Ph.D. COURSE WORK

Course Objective:

- The major goals of the PhD degree in Economics to provide high quality academic education and training in the field of economics at the doctoral level.
- To prepare students in teaching and research or for position of responsibility in government, research organizations, and in the business world.
- To strengthen teaching and research within the University, in areas related to economic science, an endeavor by which ultimately society will benefit.

Course outcomes:

CO1: Students will explain how competitive markets organize the allocation of scarce resources and the distribution of goods and services.

CO2: students will be able to relate the basic economic theory and principles to current microeconomic issues and evaluate related public policy.

CO3: Recognize key concepts, theories and models of International trade, international finance and corporate finance in macroeconomics.

CO4: Students could apply macroeconomic tools to the analysis of a variety of real world events, empirical Trends and policy.

CO5: Students will be able to identify the objectives of development planning.

CO6: Students will be able to identify the impact of policy in achieving sustainable economic growth and development.

CO7: On completion of the course students would be able to Understand the sources of finance both public and private, demonstrate the role of government to correct market failures and possible advantage of public financing.

CO8: Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.

CO9: Having successfully completed this module students will be able to demonstrate knowledge and understanding of the nature of strategic competition and its implications for policy

CO10: Course demonstrate knowledge and understanding of a set of analytical techniques so they could applied to a variety of economic (and non-economic) problems.

COURSE WORK SYLLABUS

ECONOMICS

Total Credits:06

Maximum Marx:100

Total Hours:60

Unit 1: Micro and Macro Economics

(08Hours)

- 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

(12Hours)

- 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

(08Hours)

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

Unit 4: Economic Issues and Policy-I

(16Hours)

- 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.

Unit 5: Economic Issues and Policy-II

(16Hours)

- 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

References:

1. Chiang AC. 1981. *Fundamental Methods of Mathematical Economics*. McGraw-Hill.
2. Henderson JM & Quandt RE. *Microeconomic Theory: A Mathematical Approach*. McGraw-Hill.
3. Koutsoyiannis A. 2003. *Modern Microeconomics*. The Macmillan Press.
4. Kreps DM. 1990. *A Course in Microeconomic Theory*. Princeton Univ. Press.
5. Silberberg E & Suen W. 2001. *The Structure of Economics - A Mathematical Analysis*. McGraw-Hill.
6. Varian HR. 1992. *Microeconomic Analysis*. WW Norton & Co.
7. Diulio EA. 2006. *Macroeconomics*. 4th Ed. Schaums' Outlines.
8. Frogen RT. 1999. *Macro-Economic: Theory and Policies*. 6th Ed. Prentice Hall.
9. Samuelson PA & Nordhaus WD. 2004. *Economics*. McGraw-Hill.
10. Shapiro E. 1989. *Macro-Economic Analysis*. Galgotia Publ.
11. Greene WH. 2002. *Econometric Analysis*. Pearson Edu.
12. Johnston J & Dinardo J. 2000. *Econometric Methods*. McGraw-Hill.


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Dr. (Prof) Alka Rani

Dean

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