

**Siddharth University, Kapilvastu, Siddharth
Nagar, Uttar Pradesh- 272202**



DEPARTMENT OF ECONOMICS

Syllabus

[In Accordance to the National Education Policy 2020]
(Applicable from Academic Session- 2022-23)

Pre Ph.D. Course Work (Economics)
Post Graduate Diploma in Research- PGDR (Economics)

| Course Code | Credit/Maximum Marks | Name of the Paper | Remark |
|--------------------|-----------------------------|---|-----------------|
| PECC601 | 06/100 | Advances in Economic Theory and Policy | Core Paper- I |
| PECC602 | 06/100 | Research Methodology in Economics | Core Paper- II |
| PECC603 | 04/100 | Research Ethics, Plagiarism and Computer Applications | Core Paper- III |
| PECP604 | --- | Research Project | Compulsory |
| Total | 16/300 | | |

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| Course Code | Credit/Maximum Marks | Name of the Paper | Remark |
| PECC601 | 06/100 | Advances in Economic Theory and Policy | Core Paper-I |
| Total Lectures- 60 | | | |
| Course Objective: | | <i>The objective of this course is to make the students aware of the advances in economic theory and policies. Student will also be able to forecast the future course of changes and development through their knowledge of policies and programmes set by the governments and other development agencies.</i> | |
| Units | Topic | No. of Lectures | Credit |
| Unit- I | Micro Theories: Games Theory – Nash Equilibrium - Static Games of Complete Information and Equilibrium under Alternative Approaches Market Signaling and Asymmetric Information - Lemons Problem - Principal Agent Problem. Macro Theories: Supply Side and Rational Expectations Analysis -Inflation and Unemployment - Monetary and Fiscal Policy Issues, Issues in International Trade and Investment. | 20 | 2 |
| Unit- II | Economic Issues of Current Importance: Demographic Changes, Sectoral Composition Of Indian Economy and Economic Reforms – Fiscal and Monetary Policy Approaches – Tax Reforms – Central Government, State Government and Local Financial Bodies Finances, Financial and Banking Sector Reforms, Infrastructure Development Policies. | 20 | 2 |
| Unit- III | Growth and Development: Growth and Income Distribution - Empirical Studies- Measuring Income Distribution, Poverty and Inequality – Recent Contributions to Growth Theories Social Issues of Current Relevance: Poverty, Unemployment, Health, Education and Environment; Any Other Social Issues of Current Importance. | 20 | 2 |
| Course Outcome | <i>A student would be able to appreciate the macroeconomic developments and its implications fairly well, at the end of the course. This course will help the student in deciding their area of research interest</i> | | |
| Suggested Readings | <ul style="list-style-type: none"> • Ahluwalia I. J. and I. M. D. Little (Eds), <i>India's Economic Reforms and Development (Essay in Honour of Manmohan Singh)</i>, Oxford University Press, New Delhi- 1999 • Barro and Sala-i-Martin, <i>Economic Growth</i>, Second Edition, PHI. • Baumol and Blinder (2010), <i>Macroeconomics Principles and Policy</i>, South-Western Cengage Learning • Chenery, H. et-al (1987), <i>Handbook of Development Economics</i>, V 01.1 and II, North-Holland • Dornbush, Fischer, Startz, <i>Macroeconomics</i>, 7th Edition, McGraw Hill. • Gibbons, Robert (1992), <i>Game Theory for Applied Economics</i>, Princeton University Press. • Heydra Ben and Fredrick (2000), <i>Foundation of Modern</i> | | |

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| | <p><i>Macroeconomics, Oxford University Press.</i></p> <ul style="list-style-type: none"> • <i>Kuznets, S.(1965), Economic Growth and Structure, Oxford and DBH Publishing Company, New Delhi.</i> • <i>Martin J Osborne (1994), A Course in Game Theory, MIT Press.</i> • <i>Mas-Colell, Whinston, Green: Microeconomic Theory, OUP.</i> • <i>Meier and Rauch, Leading Issues in Economic Development, 8th Edition, Oxford.</i> • <i>Meier, G.M. (1971), Leading Issues in Economic Development, Oxford University Press, New Delhi.</i> • <i>Mankew. Macroeconomics, McGraw Hill 4th Edition</i> • <i>Musgrave, R.A. and P.B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.</i> • <i>Rao Hunumanta, C.H, Agriculture, Food Security, Poverty and Environment, Essay on Post Reform in India, Oxford University Press, New Delhi- 2005.</i> • <i>Report of Finance Commissions, Government of India.</i> • <i>Romar, David (1996), Advanced Microeconomics, McGraw Hill Publications.</i> • <i>Salvatore, Dominick, International Economics, 6th Edition (1998), Printice Hall, 7th and 8th Editions (2001 and 2004), John Wiley and Sons.</i> • <i>Thirawall, A. (1978), Growth and Development, Macmillan, London.</i> • <i>Todaro and Smith, Economic Development, 8th Edition, Pearson Education</i> • <i>Tyagi, B.P, Public Finance, Jai Prakash Nath Publication, New Delhi.</i> |
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| Post Graduate Diploma in Research- PGDR (Economics) | | | | |
| Course Code | Credit/Maximum Marks | Name of the Paper | Remark | |
| PECC602 | 06/100 | Research Methodology in Economics | Core Paper-II | |
| Total Lectures- 60 | | | | |
| Course Objective: | | <ul style="list-style-type: none"> • <i>The aim of this course is to give the thorough knowledge about the research methods and techniques, which can be applied for conducting the research.</i> | | |
| Units | Topic | | No. of Lectures | Credit |
| Unit- I | Objectives and Significance of Research in Economics, Research Design, Sampling Design and Sampling Procedure. Survey of Literature for Research with Illustration. Identification of Research Theme: Objectives of Study, Hypothesis formulation and Methodology, Collection of Data, Descriptive Statistics. | | 20 | 2 |
| Unit- II | Techniques of Research : Qualitative Methods – Use of Dummy Variables; Dummy Regressors, Logit and Probit Analysis. Quantitative methods – Simple and Multiple Regression, Time Series Analysis, Statistical Inference. | | 20 | 2 |
| Unit- III | Data Base of the Economy with Special Reference to India, Application of Research Techniques Thesis Writing: Chapterisation, Referencing and Bibliography. | | 20 | 2 |
| Course Outcome | | <ul style="list-style-type: none"> • <i>The course would enable the students to choose and use the appropriate research methodology in their research work.</i> | | |
| Suggested Readings | | <ul style="list-style-type: none"> • <i>C.T. Kurien : A Guide to Research in Economics</i> • <i>C.R.Kothari : Research Methodology</i> • <i>J.W Creswell : Research Design. Qualitative, Quantitative and Mixed Methods Approaches</i> | | |

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|--|--|---|-----------------|--------|
| Course Code | Credit/Maximum Marks | Name of the Paper | Remark | |
| PECC603 | 04/100 | Research Ethics, Plagiarism and Computer Applications | Core Paper-III | |
| Total Lectures- 40 | | | | |
| Course Objective: | | | | |
| Units | Topic | | No. of Lectures | Credit |
| Unit- I | Roles and Responsibility of a Researcher, Graduate Attributes, Systematic Review, Publishing Journal/Articles, Stress Management. Quantitative Research Softwares, Qualitative Analysis Softwares. Plagiarism, Open Educational Resources and Creative Commons, Intellectual Property Rights. Scholarships, Field Work, MOOCS. | | 20 | 2 |
| Unit- II | Google Docs, Google Sites, Advanced Searching Through Google Scholar The Art of Presenting, Safe Browsing, E-Content Development, Artificial Intelligence for Research, Reference Management Softwares, Softwares for Data Collection, Mind Map, Concept Mapping. SPSS, STATA. | | 20 | 2 |
| Course Outcome | | | | |
| Suggested Readings | <ul style="list-style-type: none"> • C.T. Kurien : <i>A Guide to Research in Economics</i> • C.R.Kothari : <i>Research Methodology</i> • J.W.Creswell : <i>Research Design, Qualitative, Quantitative and Mixed Methods Approaches</i> • <i>Teacher's E-Content and Some Online Resources.</i> | | | |

| Pre Ph.D. Course Work (Economics) | | | |
|--|-----------------------------|--|-------------------|
| Post Graduate Diploma in Research- PGDR (Economics) | | | |
| Course Code | Credit/Maximum Marks | Name of the Paper | Remark |
| PECP604 | No Credit | Research Project | Compulsory |
| Course Objective: | | This paper aims on imparting practical knowledge to the students by the means engaging them in Research, Analysis and Report Writing work in the area of their own interest. | |
| Course Outcome: | | Students will practically learn the research work. | |