



Hemchandracharya North Gujarat University, Patan

PH.D. COURSE WORK SYLLABUS

SUBJECT : ECONOMICS

Scheme & Course

Sr.	Paper	Nomenclature	Credits	Marks
1.	Paper-I-ECO-CW-101	Research Methodology	04	70+30
2.	Paper-II-ECO-CW-102	Advance Course in Economics Analysis	04	70+30
3.	Paper-III-ECO-CW-103	Computer Applications to the subject	04	70+30
4.	Paper-IV-ECO-CW-104	Review of published research in the relevant field	04	70+30
5.	Paper-V-ECO-CW-105	Comprehensive Viva	04	100

Notes:

1. The candidate has to obtain a minimum of 55% of marks or its equivalent grade points in aggregate in the course work in order to be eligible to continue in the Ph.D. programme.
2. If candidate obtains 'F' or 'Ab.' grade in the course/ subject. He/ she will be treated to have failed in that course. He/ She has to reappear in the examination in the next semester.

Paper-I ECO-CW-101 Research methodology Credit-4 (70+30)

Research: Meaning, Nature, Techniques of Social Research-Logical, Historical and Scientific Methods.

Problem Formulation, Research Design and Project Formulation.

Hypothesis-Concepts, formulation of Hypothesis and Research Questions.

Universe and Sampling Data-Types, Sources of Data, Methods of Data Collection. Techniques of Data Collection-Content Analysis, Interview, Observation, Schedule and Questionnaire.

Techniques of Data Measurement Analysis-Data Processing-Editing, Coding, Sorting and Computing Variables, Classification and Tabulation.

Report Writing-Introduction, Research Methods, Referencing and Foot Noting, Analysis and Interpretation, Presentation of Conclusion, Presentation of Tables and Diagrams, Statistical Test.

Frequency Distribution.

Measurement of Central Tendency.

Measurement of Dispersion.

Correlation and Regression.

Statistical Tests-Parametric and Non-parametric tests. -t-test, F-test, Chi square test.

Paper-III ECO-CW-102 Advance Course in Economics Analysis Credit-4 (70+30)

1. **Product Pricing** : Equilibrium of the firm and industry : objectives of the firm. General cost and Revenue curves of a firm. Equilibrium of the firm and industry under perfect Competition. Price determination under perfect completion. Imperfect competition and monopoly; Monopolistic Competition. Price discrimination. Price and output determination under monopsony and Bilateral Monopoly.



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2. **Factor Pricing** : Theory of distribution-General & marginal productivity theory of distribution. Modern theories of wages, Rent, Interest and Profit.
3. **Economics of Welfare** : Pigou welfare concept, Pareto optimality, Hicks, Kaldor compensation principle. Skitovsky double criteria. Recent developments in welfare economics.
3. **Macro Economics** : National Income, Multiplier & Accelerator, Analysis Monetary and Non Monetary theories of trade cycles. Recent trends in monetary theories of trade cycles.
4. **Indian Economic** : Theoretical concept and problems of Indian Economy, Causes and measures for improvement of Indian economy, main factors of Indian economy. Fiscal Policy, Monetary Policy, Budgetary Policy, Deficit financing, Economic reforms in India, Planning in India. Balance of Payment, exchange rate, Tariff policy, Taxation.

Books Recommended:

1. E.J.Shapiro Macro Economic Analysis
2. W.H.Bransin Micro Economic Theory and Policy
3. M.L.Jhingan Macro Economic Theory
4. M.C.Vaishya Macro Economic Theory
5. Ahuja, H.L.Advanced Economic Theory
6. Jain K.P. Advanced Economic Theory
7. Jhingan M.L.Modern Micro Economics

Paper-IV ECO-CW-103 Computer Applications to the subject Credit-4 (70+30)

Introduction of Computer-Basic Computer organization, Computer Peripherals. Types of Software Structural and Functional Aspects of Computers. Commonly used Programmes and Packages-Windows, Windows-7, Icons and Desktop Properties.

Introduction to Ms Word, MS Excel, Power Point- Word Processor, MS Word Starting and Ending. Formatting and Printing of Document, Making Excel Files, Slide preparation and Presentation.

Internet and SPSS- Introduction to Internet and its application in Research Introduction to SPSS.

Paper-IV ECO-CW-104 Review of Published research in the relevant field Credit-4 (70+30)

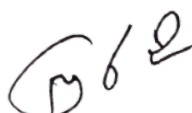
For this paper candidates will have to review literature in an area of research, prepare a research proposal and submit a report to the University at the end of the course work. The selection of the problem and preparation of the proposal will be in consultation with research guide.

Paper-V ECO-CW-105 Comprehensive viva voce Credit-4 (100)

Candidate will face a Comprehensive Viva-Voce of 4 credits on the subject of Research Methodology, Advance Course in Economics Analysis and literature review report submitted to the university. The Presentation will have to be made by the candidate and it will need to be prepared in consultation with research guide.

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