

AWADHESH PRATAP SINGH UNIVERSITY,  
REWA (M.P.)

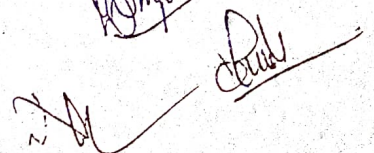
Ph.D. COURSE WORK STRUCTURE

ECONOMICS

2018-19







Research Methodology

Paper-I

**Unit-I**

Nature of Social Research: Meaning and Definitions, Motivating Factors of Research Basic Assumption and Reasons of Studying Social Research pure and Applied Research, Interplay Between Theory and Research Methodology, Problems in Inter- Disciplinary Research.

**Unit-II**

Nature of Study: Panel Studies, Case Studies, Area Studies and other Methods. Problems of Formulation and Research Design, Hypothesis and Concepts- Design of Experiment, Explanatory Descriptive and Controlled Experiment.

**Unit-III**

Selection of Universe: Units of Study Sampling, Types of Sources of Data With Spl. ref. to Primary and Secondary Data. The Technique of Data Collection: Content Analysis, Observation. Questionnaires and Schedules- Use of Projective Techniques. Use of Mechanical Aids- Tape Recorder Punch cards Verifiers etc.

**Unit-IV**

Statistical Methods:

Measures of Central Tendency Dispersion, Skewness and Kurtosis. Elementary Theory of Probability Binomial, Poisson and Normal Distributions. Simple Correlation and Progression Analysis. Statistical Inferences- Applications, Sampling Distributions (T, X<sup>2</sup> and F Tests), ANOVA Tests, Sampling of Attributes Testing of Hypothesis. Index Numbers and Time Series Analysis. Sampling and Census Methods Types of Sampling and Errors.

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Computer Applications

Paper-II

Unit-I

History, Generation of Computers, Characteristics, Capabilities and Limitations, Classification of Computers and types of Digital computers. Hardware, Software, Types of software. Generations of Computer, Languages : High and low level languages, Types of Translators (Compiler, Interpreter and Assembler), Components of Computer system. Introduction of various input/output devices: Keyboard, mouse, MICR, OCR, OMR, Bar Code, Scanner, VDU, Impact and Nonimpact printers, storage units : Bits and Bytes; Introduction to primary and secondary Memory

UNIT-II

Windows : Introduction, windows desktop, start button, taskbar, recycle bin, switching between programs and windows, managing files, folders and objects, windows explorer, creating shortcuts, control panel; sharing information among applications, network neighbourhood, sharing folders and printers. Internet, Web browser, Search Engines

UNIT-III

MS WORD : Working with Headers, Footers, tabs, tables, sorting, Working with graphics: Importing graphics, Sizing and Cropping graphics, Drawing objects, Text in Drawings (Word Art), Pictures using Drawing objects, Rotating and Flipping Objects, Templates, Wizards, Spelling Checker, Autocorrect, Autotext, Introduction to Mail Merge; Creating Tables of Contents and Index, Captions, Index, References, Insert Citation, Bibliography

UNIT-IV

MS POWERPOINT: Creating presentations, Auto content wizard, editing slides, Working with Text in Power Point, Formatting and Aligning Text; Working with graphics in Power Point; Importing images from the outside and drawing in power point, creating organizational charts, inserting cliparts & picture/photos in Power Point Presentation, transition and building effects.

MS EXCEL : Introduction to MS Excel, Creating Simple charts in Excel, Statistical Analysis (Frequency Distribution, Mean, Mode, Median, Variance, Correlation) using MS Excel/SPSS.

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General Economics

Paper-III

**Unit-I**

**Micro Economic Analysis:**

Demand Analysis- Marahallian, Hicksian and Revealed Preference Approaches. Theory of Production and Costs, Pricing and Output under different Form's of Market Structure. Theory of Games-Two Person, Zero-Sum Game Pure and Mixed Strategy Sudden Points, Solution. Factor Pricing Analysis Linear Programming and Input-Output Analysis. Elements of General Equilibrium and New Welfare Economics.

Unit-II

**Macro-Economic Analysis.**

Determination of Output and Employment Classical Approach, Keynesian Approach Consumption Hypothesis. Demand for Money- Fisher and Cambridge Versions, Approaches of Keynesian Friedman, Patinkin, Baumol and Tobin. Supply of Money Determinants of Money Supply, High Powered Money, Money Multiplier. Phillips Curve Analysis. Business Cycles- Models of Samuelson, Hicks and Kaldor. Macro- Economic Equilibrium- Relative Roles of Monetary and Fiscal Policies.

Unit-III

**International Economics-**

Theories of International Trade: Empirical Verification and Reliance. International Trade Under Imperfect Competition. Term of Trade and Economic Growth- Seular Deterioration of Terms of Trade. Hypothesis- A Critical Review. Equilibrium/ Disequilibrium in Balance of Payment- Traditional, Absorption and Monetary Approaches for Adjustment in the balance of payment: Foreign Trade Multiplier. Impact of Tariffs, Partial and General Equilibrium Analysis; Political Economy of Non- Tariff Barriers. Theory of Regionalism of Global Level Collapse of Bretton- Wood System. Recent Monetary Reforms. Trade Policy and Reforms in India.

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*28/6/19*