

**M.PHIL DEGREE - SYLLABUS**  
**Paper – I**  
**RESEARCH METHODOLOGY**

**UNIT I      Meaning & Purpose of Research**

Meaning and purpose – Essentials of scientific methods – limitations in social and behavioral research – types of research, exploratory research , pure research, applied research, analytic research, descriptive research, historical , experimental, survey, case study – research design.

**UNIT - II     Steps in research**

Selection and formulation of a research problem – review of previous research – delimitation of scope of study – setting up of objectives – definition of concepts – formulation of hypothesis and research questions – preparation of research design – construction of tools – field work and collection of data.

**UNIT - III    Some concepts used in research.**

Facts and data, definitions and measurements reliability, precision, accuracy , bias, validity, norms, standards, criteria and objectives, sets, variables, parameters, constants and functions, assumptions, axioms, postulates and premises and models , theory, hypothesis, research questions , Operationalizing concepts, etc.,

**UNIT – IV    Formulation of hypothesis & Sampling techniques**

Meaning of hypothesis – types- sources – testing of hypothesis – errors in testing.  
Sampling theory – sampling error and data collection error – sample size – sampling methods and their application – testing the appropriateness of a sample – sample unit and sample size.

**UNIT – V     Principles and methods of data collection**

Primary and secondary data – observation – interview – questionnaire – telephone interviews – constructions of interview schedule and questionnaire – seal – checklist, pre-test, pilot study, reliability, testing and validating a questionnaire – attitude measurement – method of scale of construction - multi -dimensional scaling.

**UNIT – VI    Statistical analysis**

Elements of analysis – types of analysis – levels of measurements – choice of statistical measurements(theory only) – Diagrammatic and graphic presentation of data – measures of central tendency – measures of dispersion – sampling distribution - testing of hypothesis – Z test, t test, F test – Chi-square test.

Correlation and Regression – karl-pearson's & Spearman's.

Analysis of differences among variances and attributes – parametric analysis of variances (F test – one way & two way analysis of variance) – Analysis of Time Series(theory & problems)

## **UNIT – VII Review of literature**

Purpose – brief survey of business research with reference to specific areas taken up for study.

## **UNIT – VIII Report Writing**

Target audience – types of reports – contents of reports – style and convention in reporting - steps in drafting a report.

**Note: Theory 50% & Problems 50%**

### Text Book

- ✚ Research Methodology by Kothari.- Wiley publications
- ✚ Methodology of research for social science by Krishna swami OR, Himalaya Publications Mumbai,2001.

### Reference Books:

- ✚ William C. Emory, Business Research Methods, Richards D Irwin, NJ.
- ✚ Donald R.Cooper, Business Research Methods 7<sup>th</sup> Ed, Mcgraw Hill, 2001.
- ✚ Anderson J. et. Al, thesis and assignment writing, Wiley Eas

**Paper - II**  
**ADVANCED FINANCIAL MANAGEMENT**

**UNIT -1 FM Environment**

Corporate objectives vs financial goals and functions-reconciliation of financial goals and social objectives- all outline of financial system in India- influence of corporate organization and taxes on FM-regulations of SEBI regarding capital issues and stock exchanges

**UNIT – II FM tools for analysis and control**

Financial statement analysis – ratio analysis – cash flow analysis – break even analysis (theory & problems)

**UNIT – III Firms Investment Decision**

Practical application of capital budgeting – Modern analytical tools and project appraisal and evaluation methods in private and public sector enterprises – Risk analysis in investment appraisal (theory & problems).

**UNIT – IV Financing decisions and capital structure**

Characteristics of financing methods – analysis of internal and external financing methods – lease financing determinants of capital structure – regulation relevant to long term financing – managing investments( theory & problems)

**UNIT – V Option pricing theory**

Option pricing theory and its implications on the corporate financial policy(theory) only.

**UNIT - V Dividend policy**

Behavioral models of dividend policy – cliental effects – relationship between dividends and values(theory & problems)

**UNIT – VII Working capital Management**

Theory which practice – principles – working capital forecast – individual current assets management(theory & problem)

**UNIT VIII Capital assets pricing**

Sharpe's CAPM – Security analysis and port folio selection – Markowitz portfolio theory (theory only).

Note: Theory 50% & Problems 50%

Reference Books :

Financial Management - I.M. Pandey

Financial Management - M.Y. Khan