

# COMMERCE

## Syllabus for M. Phil. (Commerce)

### 1<sup>st</sup> Semester

### Session 2014-2015

Semester 1	Title of the Course	Marks			Credits
		IA	UE	Total	
Paper I	Research Methodology	20	80	100	4
Paper II	Statistical Analysis For Research	20	80	100	4
Paper III	Advance Study in Commerce	20	80	100	4

# **M. Phil in Commerce**

## **1<sup>st</sup> Semester**

### **Paper-I**

### **Research Methodology**

**UNIT-1 Research:** Basic concept of research, objectives and features of research, requirements of a good research, types of research, research approach, significance of research, criteria of good research.

**Unit-2 Identification of research problems and steps of research:** Formulation of research problem, component of research problem, sources of identifying research problems, processes for formulation of research problem, difficulties of research in India, steps of research process.

**Unit-3 Research design and formulation of hypothesis:** – Meaning of research design, Need and features of research design, types of research design: descriptive research design, types of descriptive research design, merits and demerits of descriptive research design, experimental research design, importance of experimental research design, characteristics and methods of experimental research design, diagnostic research design. Hypothesis: hypothesis formulation, characteristics of good hypothesis, difficulties in formulation of hypothesis, testing of hypothesis, steps involved in hypothesis testing.

**Unit-4 Research Ethics:** Intellectual ownership and plagiarism, citation and acknowledgement, responsibility and accountability of research, epistemology, situation that raises ethical issues, dissemination. Ethics policies permission related with research

**Unit-5 Interpretation and report Writing:** Meaning of interpretation, techniques of interpretation, significance of report writing , steps in report writing, layout of research report, types of reports: technical report, popular report, oral presentation, writing research report, precaution for writing a research report

**REFERENCE BOOKS:**

1. C.R.Kothari Research Methodology: Methods and Techniques Wiley Eastern Ltd., New Delhi.
2. Amarchand D, Research Methods in Commerce - Emerald Publishers, Chennai
3. Anderson.J.Berry H.D. & Poole M, Thesis and Assignment writing - Wiley Eastern Ltd., New Delhi.
4. Almark, J.C. Research and Thesis Writing (Boston:Houghton)
5. Anderson, R.L. and Bancroft. A Statistical Theory in Research (New York McGraw-Hill)
6. Bennet, Spencer and David Bower's - An Introduction to Mutivariate Techniques for Social and Behavioural Sciences. (London: Macmillan Press)
7. Bernard, Russel H - Social Research Methods. (London: Sage)
8. Blalock, Hubert M - Introduction of Social Research, (Neglewood Cliffs:PrenticeHall)
9. Bogdan, R. and S.J.Taylor - Introduction to Qualitative Research Methods. (New York: John Wiley)
10. Cooper, D.R. and P.S. Schindler - Business Research Methods, (New Delhi: Tata McGraw-Hill)

# **M. Phil in Commerce**

## **1<sup>st</sup> Semester**

### **Paper-II**

#### **STATISTICAL ANALYSIS FOR RESEARCH**

**UNIT-1 Collection of data: planning a survey, executing a Survey, types of data:** Primary data and secondary data, methods of collection of primary data: observation, experiments, investigation, selection of suitable methods for primary data collection, schedule and questionnaire, drafting a questionnaire, qualities of good questionnaire. Sample: purposive sampling, random sampling, collection of secondary data, sources of secondary data, scrutiny of secondary data.

**UNIT-II Editing Classification and tabulation of data:** editing of primary and secondary data, specific function of editing, classification of data, characteristics of classification, types of classification, serration of data, discrete and continuous series. Tabulation of data, types of tabulation

**UNIT-III Presentation of data:** Diagrammatic presentation, significance and limitations of diagrammatic presentation of data, characteristics of diagrams, types of diagrams; dimensional diagrams, pictograms, cartograms, graphs and curves, construction of graphs, choice of scale, plotting of data, graphs of time series or histograms, methods of showing

range, zone graphs, methods of showing differences, band graphs, Z curve, graphs of frequency distribution, normal frequency curve, cumulative frequency curves, Galton's methods of locating median, graphs on ratio scale, logarithmic scale, logarithmic curve, special features of ratio scale, graphs showing functional relationship: linear relationship and non-linear relationship.

**UNIT-IV Sampling theory:** Types of universe, objectives, principles, and limitations of sampling, errors in sampling: sampling and non-sampling errors, measurements of errors. Types of sampling: simple random sampling, stratified random sampling, quasi random sampling, cluster sampling, multi-stage sampling, judgmental sampling, convenience sampling, quota sampling. Choice of sampling techniques

**UNIT-V Hypothesis testing: Estimation of theory:** Point estimation, interval estimation, sampling distribution and standard errors. hypothesis testing, procedure for hypothesis testing, test in attributes, mean and standard deviation in simple sampling of attributes, testing differences in number and proportions, estimating parameters values, testing the differences between the two proportions, comparing a sample proportion with pool proportion. Limitations of test of significance.

#### **REFERENCE BOOKS:**

1. R. P. Hooda, Statistics for Business & Economics, Macmillon, Delhi
2. A.M. Goon, M.K. Gupta, B. Das Gupta, Fundamentals of stts. Vol. I and II, The World Press Pvt. Ltd., Calcutta 12
3. Ethance D.N. Fundamentals of statistics
4. Gupta S.P & Gupta M. P. Business Statistics
5. Anderson, R.L. and Bancroft. A Statistical Theory in Research (New York McGraw-Hill)

# **M. Phil in Commerce**

## **1<sup>st</sup> Semester**

### **Paper-III**

#### **Advance Study in Commerce**

**UNIT - 1 : Money Market:** The requirements of money market ,evolution of money market in India,features of money market,instruments of money market :call notice money market ,term money market, integration of different segments of money market, market stablisation scheme, treasury bill, characteristics and types of treasury bills, size of treasury bills, auction: French auction,dutch auction .Determination of yield on treasury bills, advantages of the treasury bills market, reforms in the treasury bill market.

**UNIT - 2 Capital market:** meaning of capital market ,merit and demerits of primary market, nature and types of securities. Debentures: features and types of debentures, other debt securities, preference shares, cumulative preference shares, redeemable preference shares, equity shares, equity shares with detachable warents, Capital: nominal capital ,issued capital,

paid-up capital. Par and book value of shares. Cash dividend, bonus dividend, buy back of shares. Public issue of shares prospectus, underwriting public issues through prospectus. Venture capital: need scope and characteristics of venture capital. Secondary market, growth of stock exchange in India, functions of stock exchange. Margin trading, margin trading in India, VAR based margin system, rolling settlement, circuit breakers, securities lending and borrowing. Derivatives trading, characteristic of users of derivatives, regulation of the derivative market.

**UNIT - 3 SEBI and Capital market:** functions of SEBI. The corporate bond market, SEBI guidelines for debentures, debentures trustees, non-convertible debentures and partly convertible debentures. Issues of shares, firm allotment, employees stock option schemes, book building, SEBI guideline for book building, advantages of book building, Basis for issue of price (premium issues), new issue publicity, allotment, proportionate allotment, SEBI guidelines for allotment, listing agreement, cost of public issue, listing over the counter exchange India OTCEI, stock brokers, SEBI stock brokers and sub-brokers regulation (1992) Insider trading

**UNIT - 4 Foreign Exchange Market:** foreign exchange and euro dollar market, exchange control regimes, international liquidity, trading in foreign exchange market, speculation, foreign exchange rates. exchange rates and control in India, FEMA, 1999, liberalised exchange rate management system, 1992. Unified determined system 1993. cross currency options, currency convertibility, Future capital account convertibility (FCAC), 2006. Relationship between exchange and money market, foreign exchange market, foreign currency accounts, ready exchange rates in India, forward exchange rates and its calculation. Cross rates, spot exchange, real and effective exchange rates, transition and economic exposure, exchange risk, Hedging with forward contracts, money market alternatives, currency swap.

**UNIT - 5 Future Market:** Forward and future hedgers, speculators, types of future contracts, currency futures, interest rates future, trading cycle, exposure limits, stock and stock index future, fair value, margin requirement, initial margin, maintenance margin, variation margin, client margin, settlement of future contracts, trading in future, eligibility criteria

for the stocks, fair price of the stock index future. Hedging: a short hedging, a long hedging, arbitrage. Spread: spread position, spread rate. Physical commodity contracts, clearing and settlement.