M.PHIL PROGRAMME IN COMMERCE
(Under Credit and Semester System w.e.f. 2016 Admissions)
M.Phil Programme in Commerce

Programme Objectives:
- To acquaint scholars with the research process, including research methods and design.
- To enable scholars in pursuing quality research in Commerce and Management.
- Convey advanced learning in finance.

Structure of the programme

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<th>Semester No.</th>
<th>Course Code</th>
<th>Name of the course</th>
<th>No. of credits</th>
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<tr>
<td>I</td>
<td>COM 711</td>
<td>Research Methodology – I</td>
<td>4</td>
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<tr>
<td></td>
<td>COM 712</td>
<td>Research Methodology - II</td>
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<td>COM 713</td>
<td>Financial Management</td>
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<td>II</td>
<td>COM-721</td>
<td>Dissertation</td>
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<td></td>
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<td>Total Credits</td>
<td>32</td>
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Semester : 1  
Course code : COM -711  
Course Title : RESEARCH METHODOLOGY-1  
Credits : 4  

Aim  
The course is designed with the idea of providing basic skills in undertaking independent research in business studies.  

Course Objectives:  
• To give an advanced exposure on research and research methodology  
• To develop acquaintance with intensive technique and skill in research process  
• To familiar the art and style of writing a research report  

MODULE I  
Introduction to Research: Meaning of Research in Commerce and Management-Qualities of a Researcher-The role of Research- Types of Research-Research Methods -Strategy of Research-Historical Research, Descriptive research, Experimental Research- Research process  

MODULE II  

MODULE III  
Research Tools: Measurement in Research- Levels of Data- Scaling- Scale Construction Techniques- Construction of Questionnaire and Interview schedule-Validity and Reliability  

MODULE IV  
Data Collection and Processing of Data: Primary and Secondary – Observation-Interview- Mail Survey- Field Work- Pre Test-Pilot Study-Editing of Data-Classification-Coding-Tabulation
MODULE V


References

Semester : I
Course code : COM-712
Course Title : Research Methodology –II
Credits : 4

Aim

To enable students to draw conclusions from research done and support critical judgment

CREDITS: 4

Course Objectives

The objective of this course is to expose the students to classical methods of statistical inference and to familiarize them with some advanced statistical tools.

MODULE I

Introduction to Probability: Classical approach - Relative Frequency approach - Subjective approach - Axiomatic approach - addition rule - multiplication rule - conditional probability - Bayes’ theorem - concept of random variable - probability distribution - mathematical expectation - Binomial distribution - Poisson distribution - Normal distribution

MODULE II

Sampling: Population and sample - parameter and statistic - Need for sampling - census study - probability sampling methods - non-probability sampling methods - sampling and non-sampling errors - concept of sampling distribution - standard error - sampling distribution of the means, proportions, difference of means, difference of propositions - Central Limit theorem.

MODULE III

Testing of Hypothesis: Steps in hypothesis testing - Tests concerning a single mean - large and small sample test - test concerning a single proportion - Difference of means test - Difference of proportions test - ANOVA one way and two way classification - chi-square test of several proportions - chi-square test of independence - chi square goodness-of-fit test - Non-parametric tests - sign test-
Wilcoxon signed rank test-Wilcoxon rank sum test-Man-Whitney U test-Kruskal Wallis test- Runs test Kolmogrov-Smirnov Test.

**MODULE IV**

**Estimation:** Point estimation and interval estimation-qualities of a good estimator –interval estimation of the mean-large and small samples-interval estimation of the proportion-interval estimation of the difference of means-large and small samples-interval estimation of the difference of proportions-estimating the sample size.

**Module V**

**Other Statistical tools:** Pearson correlation-rank correlation-canonical correlation-auto correlation-simple and multiple regression-Time series analysis.

**References**

3. Ronald E.Walpol : Introduction to Statistics
Aim:
To help in advanced learning on investment decision applications including Global finance.

Course Objective
- To expose students to project appraisal & analysis techniques.
- To convey and sharpen awareness on behavioral finance models.
- To understand the applications of Forex managements in business.

MODULE I
Introduction: Evolution of finance as a discipline - objectives of financial decision-making-share holders value creation-EVA-scope of finance in terms of investment decisions, financing decisions, dividend decisions and liquidity decisions.

MODULE II

MODULE III
Behavioural Finance: Theories-Investment practices-Factors influencing decisions to invest.

MODULE IV
**MODULE V**

*Foreign Exchange Management:* Theories of exchange rate determination-PPP theory-IRP theory Fisher effect-Interest arbitrage FOREX rates, spot, forward and cross rates-risk in forex market-managing forex risk international investment decisions-sourcing funds from abroad ADRs-GDRs-Public offer without Listing (PDWL).

**References**

- Jeff Madura, Personal Finance, Pearson Education, 6th Edition
- Frank Fabozzi, Franco Modigliani, Frank Jones and Michael Ferri, Foundations of Financial market and Institutions
- Rustagi R P, Financial Management, Taxmann
Semester : II  
Course Code : COM-721  
Course Title : Dissertation  
Credits : 20

Aim
To establish a sound relationship between theories learnt and their applications in a given context.

Objective
Enable students to identify a research problem and pursue research with a well formulated research plan and design.