UNIVERSITY OF CALCUTTA

Notification No. CSR/ 43 / 14

It is notified for the information of all concerned that in terms of the provisions of Section 54 of the Calcutta University Act, 1979, (as amended), and, in exercise of his powers under 9(6) of the said Act, the Vice-Chancellor has, by an order dated 08.09.2014, approved the Modification in the M.Phil. (Commerce) Course Curriculum under this University as laid down in the accompanying pamphlet.

The above shall take retrospective effect from the session 2013-2015 and onwards.

SENATE HOUSE
KOLKATA-700073
The 9th October, 2014

(Prof. Basab Chaudhuri)

Registrar

Details of Syllabus (M. Phil. In Commerce)

Paper – I: Research Methodology

Module -1

1. **Problem Formulation**

    Problem definition; Literature review; Research objectives; Hypothesis formulation.

2. **Designing the Research**

    Type of research, Experimental design, Scaling techniques, Questionnaire design.

3. **Sources and Collection of Data**

    Type and sources of data; Data collection; Sampling design; Sample size decisions; Field work.

4. **Data Preparation and Analysis of Data**

    Coding ,editing and data entry; Use of statistical packages.

5. **Report Preparation and Presentation**

    *   Characteristic of a well-written report.
    *   Title page; Table of contents, statistical tables, charts and diagrams; Executive summary; Introduction; Methodology; Data analysis and findings; Summary and conclusions; Recommendations; Limitations; Future scope of research; Annexure; Bibliography; Index.
    *   Oral presentation; OHP & slide Presentation; Power point presentation.

Module - 2

6. **Basic Data Analysis**

    Diagrammatic Representation; Measures of Central Tendency; Measures of Dispersion;Measures of Skewness and Kurtosis; Simple Correlation and Regression; Probability Theory; Probability Distributions; Sampling Theory; Theory of Estimation; Testing of Hypotheses (Parametric & Non-parametric); Time Series Analysis; Index Numbers.

7. **Advanced Data Analysis**

    Analysis of variance and covariance models; Multiple regression; Panel data regression; Multiple & partial correlations; Cluster analysis; Discriminant analysis; Factor analysis; Forecasting Models.

Paper – II: Computer Application

MODULE I

1. Measures of Central Tendency and Variability, Skewness, Kurtosis, Testing Normality.

2. Determination of Sample Size, Simple Random Sampling, Use of Random numbers.

3. Testing of Hypothesis: (I) Parametric Tests – Test of significance for large and small samples – Student's – 't' test and Z-test, tests for Mean, Significance of correlation coefficient, significance of regression coefficient, ANOVA, MANOVA; (II) Non parametric tests – Chi-square Test, Mann-Whitney Test, Wilcoxon Signed Rank Test, K-W Test.

MODULE II

4. Correlation (including Partial and Multiple Correlations); Regression Analysis: Simple and Multiple Regression Analysis, Measuring the impact of qualitative variables.

5. Data Reduction Technique: Factor Analysis

6. Time Series Modeling

Suggested Readings:
Kothari C.K. (2014) 3/e, Research Methodology: Methods and Techniques (New Age International, New Delhi)
Damodar Gujarati, Dawn Porter, and Sangeetha Gunasekar. (2011) 5/e, Basic Econometrics. McGraw Hill Education India.
Sheridan J. Coakes. (2012). SPSS Version 20.0 for Windows: Analysis without Anguish, Wiley.
Joseph Schmuller. (2013) 3/e. Statistical Analysis with Excel For Dummies.

Paper – III: Review of Published Business Research

Module - I

- Recent Studies on Accounting, IFRS and Ind AS,
- Recent Advances in Business Ethics and Corporate Governance
- Recent Research on Auditing
- Standards on Auditing
- Research on financial Market

Module – II

- Recent Studies on Management including Strategic Management
- Studies on Marketing and Consumer Behavior
- Studies on Organizational Culture and Behavior
- Studies on Human Resource Management
- Studies on Macro Economics

Paper – IV: Contemporary Issues in Accounting and Finance

Module – I

- Accounting Concept – Users of Accounting Information – Principal Financial Statements – Qualitative Characteristics – Factors Influencing Accounting Environment

- Developments in International Accounting Standards – Globalization of Accounting Standard – International Financial Reporting Standards (IFRSs)

- New Areas in Auditing – Risk-based Audit (RBA) – Forensic Audit – Stress Audit – Work Culture Audit – Human Resource (HR) Audit

- Emerging Issues in Accounting Research - Contemporary Accounting Researches in India

References:

1. Porwal, L. S., Accounting Theory: An Introduction, Tata McGraw-Hill
2. Lal, Jawahar, Accounting Theory and Practices, Himalaya Publishing House
3. Ghosh, T. P., IFRSs Simplified, Taxmann
4. Choi, Frederick D. S. and Meek, Gray K., International Accounting, Pearson Education
5. Basu, B. K., An Insight into Auditing – A Multidimensional Approach, Basushree Book Stall
6. Rao, T. V., HRD Audit, Sage Publications

Module – II (Finance)

- *Introduction to Risk Management* – Definition of risk; Risk management as a critical finance function; Types of risk; Steps in risk management; Risk management strategies.

- *Overview of Derivatives as Risk Management Tool* – Concept of derivatives; Types of derivatives; Nature of underlying; Players in derivatives market; Pay-offs in derivatives.

- *Use of Derivatives in Managing Risk* – Forward rate agreement; Hedging and arbitrage with futures; Option strategies.

- *Emerging Issues in Finance*

Suggested Readings:

- David A. Dubofsky and Thomas W. Miller, Jr., *Derivatives – Valuation and Risk Management*, Oxford.
- John C. Hull, *Options, Futures, and Other Derivatives*, Prentice-Hall India.
- John C. Hull, *Risk Management and Financial Institutions*, Wiley India.
- Keith Redhead, *Financial Derivatives*, Prentice-Hall India.