

# **SYLLABUS**

**PH. D. COURSE WORK**



**DEPARTMENT OF COMMERCE  
RAJIV GANDHI UNIVERSITY  
RONO-HILLS: DOIMUKH  
(W.E.F-2016-17)**

**DOCTOR OF PHILOSOPHY IN COMMERCE**  
**(Ph.D.- COMMERCE)**  
**Course of Studies for the Course Work with effect from Academic**  
**Session 2016-17**

**PREFACE**

Ph.D. Coursework is a full time research program intended to impart an advanced course of study to research scholars, with a view to develop their capabilities for critical judgment, analysis and thereby strengthening and developing research skill and its application. The course consists of only one semester to be completed in one year. The Board of Studies to revise the syllabus was held on **1<sup>st</sup> October 2016**. The distribution of marks in each paper will be made as reflected in the syllabus. Besides Course work, each scholar has to fulfill the following norms for completion of Ph.D. degree.

- (i) Each Ph.D. scholar has to prepare a research proposal for his/her dissertation in consultations with the respective supervisor and the same is to be presented before Dept, Research Board (DRB) at the beginning of semester.
- (ii) Each Ph.D. scholar has to present a seminar paper of his/her research domain in the following months of February and August.
- (iii) Each Ph.D. scholar has to present pre-submission presentation of his/her research work before the final submission of the dissertation to the university.
- (iv) The date of seminars and pre-submission presentation of Ph. D scholars shall be notified to them through respective supervisors in due course of time.
- (v) It may be noted that in all the above cases, the Departmental Research Board/experts shall provide necessary feedback, suggestions to the scholar for improvement of the synopsis and final dissertation. Accordingly, each scholar is expected to comply with feedback, suggestion, remarks if any, in consultation with respective supervisor.

- (vi) Other terms and conditions for admission to the course shall be at par with the existing rules and ordinance of Rajiv Gandhi University.
- (vii) The revised syllabus is to be implemented from the academic session 2016-17.

**N.B.** The date of seminars and pre-submission presentation will be notified in due course of time.

## **PROGRAM OBJECTIVE**

The syllabi for each course / paper shall be drafted as per the UGC Guidelines- 2016 under Learning Outcomes based Curriculum Framework (LOCF) based approach with an aim to equip the Research Scholars with knowledge, skill, values and attitude. Keeping the importance of research in present scenario and to enhance the quality of research, this syllabus for the Ph.D. Course Work aims to facilitate the acquisition of specialized knowledge in the field of finance & account, HRM, Marketing, entrepreneurship, banking & insurance and general management by inculcating the relevant attitudes and values required for undertaking quality research in business. The course shall also facilitate inculcation of relevant attitude and a sense of empowerment. It recognizes multiplicity in ways and means of knowledge-creation and its application.

## **PROGRAM OUTCOME**

The expected outcome of the syllabus is to equip research scholars with advanced research skills to carry out empirical as well as conceptual research in the area of business studies. Keeping the importance of research in present scenario and to enhance the quality of research, this syllabus for the Ph.D. Course Work will facilitate the acquisition of specialized knowledge in the field of finance & account, HRM, Marketing, entrepreneurship, banking & insurance and general management by inculcating the relevant attitudes and values required for undertaking quality research in business.

**PH. D. COURSE WORK**

**With effect from 2016-17**

**ONE SEMESTER**

**PAPER – I : RESEARCH METHODOLOGY**

**PAPER – II : QUANTITATIVE METHODS AND COMPUTER APPLICATION IN  
RESEARCH**

# 1<sup>st</sup> SEMESTER

## PAPER – I

### RESEARCH METHODOLOGY

**Total Marks: 100**

**Term End: 80**

**Internal: 20**

**Objective:** *To introduce the scholars with fundamentals of Research Methodology and its application during researches.*

**Outcome:** *After completion of the course the scholars will acquaint themselves with fundamentals of Research Methodology and its application during researches.*

**UNIT- I:** Introduction to Research: Concepts, relevance and scope of research; Social Science Research- Approaches; Research methodology.

**UNIT- II:** Review of Literature: Need for Review of Literature; Sources of Literature; Literature Search Procedure; planning of review works; plagiarism.

**UNIT- III:** Planning of Research: Selection & Formulation of Research Problem; Hypothesis; Research Design; Limiting and delimiting the study.

**UNIT- IV:** Sample & Sampling: Sources of Data; Methods & tools of Data Collection; Questionnaire; Schedules; Sampling Techniques-Types of sampling techniques,

**UNIT- V:** Report Writing: Planning Report Writing; Types of Reports; Research Report Format; Principles of Writing- Foot notes, end notes, Bibliography, Appendixes; Reference- APA and MLA system.

NB: 20 marks of this paper will carry a report on review of minimum 15 literature on the topic/areas assigned to each scholar.

#### **Recommended books:**

1. Dr. B.N. Ghosh : Research Methodology
2. Dr. D.N. Tandon : Research Methodology
3. Vajpayee : Research Methodology
4. Gopalakrishnan : Research Methodology
5. K.R. Sharma : Research Methodology
6. NIRD, Hyderabad : Research Methodology
7. C.K. Kothari : Research Methodology: Methods & Techniques

## PAPER – II

### QUANTITATIVE METHODS AND COMPUTER APPLICATION IN RESEARCH

**Total Marks: 100**

**Term End: 80**

**Internal: 20**

**Objective:** *To introduce the scholars with statistical tools and techniques use in researches by the help of computer.*

**Outcome:** *After completion of the course the scholars will acquaint themselves with statistical tools and techniques use in researches by the help of computer.*

**UNIT- I:** Computer application: Fundamentals of computer; MS words; excel; PPT; internet; SPSS; statistical packages and its uses in modern researches.

**UNIT- II:** Application of measures of central tendencies and dispersion in research: Mean; median; mode; range; variance; standard deviation.

**UNIT-III:** Quantitative Methods and its application: Multiple & Rank Correlation; Regression Analysis; Time Series Analysis.

**UNIT: IV:** Statistical Hypothesis: concept; types; framing of hypothesis; procedure of testing; significance level; confidence interval; Types I & II errors; Standard Error.

**UNIT- V:** Parametric and Non-Parametric Test: T – Test; Z – test; F-Test; Chi-square Test; ANOVA; Delivering Inferences.

#### **Recommended books:**

1. Mohan. P. : Computer Fundamentals, Himalaya Publishing House, Delhi.
2. Soni, Vishal : Computer Application in Business, Himalaya Publishing House.
3. Murthy. C.V. : Computer Application in Business, Himalaya Publishing House.
4. S.P. Gupta : Statistical Methods