

'Research Methodology and Academic Writing'

(Six months course)

Paper - I Basics of Research Methodology

4 credits (42 hours duration)

PART – A (Common to all scholars)

Introduction to Research Methodology – (8 hours)

Epistemology & Ontology(Concept of Construct)
Objectives of Research
Research Characteristics
(Systematic, Valid, Verifiable, Empirical, Critical)
Research Methods and Methodology (Qualitative, Quantitative)
Research Approaches (Positivism, Interpretive, Feminism)
Types of Research

Overview of Research Design – (5 hours)

Exploratory studies
Descriptive studies
Analytical studies
Experimental studies
Online Research

Systematic Review of Literature, Theoretical Framework and Critical Evaluation of Research Articles/ Readings – (10 hours)

Thesis writing
Book Review/Thesis Review

PART – B (Subject specific)

Types of Variables (4 hour)

Sampling method and Sample size determination
Scale of measurement

Method of Data Collection, Presentation and Descriptive Analysis of Data
(10 hours)

Collection of Primary Data
Observation Method
Personal Interview
Telephonic Interview
Mail Survey
Collection of Data through questionnaire
Case study method
Collection of secondary data
Data editing and Data grouping
Content Analysis
Descriptive Statistics

Testing of Hypothesis (5 hours)

Parametric & Non-Parametric test using Excel, Minitab, R and SPSS
Factor Analysis and Cluster Analysis
Correlation and regression Analysis

(Common to all scholars)

Seminar Presentation
Written test on Research Methodology

Paper – II Library
(4 hours, 4 credits)

(Common to all scholars)

Library Interfacing
Bibliography making
Citation
Style Manuals
Footnotes
Reference Management Tools
Plagiarism

Paper - III Research Writing
(4 hours, 4 credits)
(Subject specific)

Writing Research Articles (Minimum 2 research articles each carrying 2 credits)

1. Presentation in Ph.D. symposium
2. Research Paper in Peer Reviewed Journal
3. International Conference Proceedings

Total Lectures

8 + 5 + 10 + 4 + 10 + 5 + 4 + 4 = 50 hours
