Course Work Syllabus: Research Methodology

Unit 1: Research Methodology: Issues and Perspectives


Unit 2: Data collection and its analysis

Questionnaire Design, Methods of Data collection, Pilot Survey, Reliability and Validity, Primary Data Data Entry, Tabulation of Data, Statistical and Econometric Applications of Software Packages- Use of SPSS, and STATA, in data Analysis. Formulation of Hypothesis, Testing Hypothesis, Generalization and Interpretation, Report writing.

Unit 2: Regression Analysis

Introduction to Simple Regression, Classical Linear Regression Model, Interpreting OLS Estimates, Multiple Regression, OLS Estimation of the Multiple Regression Model, Omitted Variable Bias and Multi-Collinearity. Lagged Variables and Selection of Lag Order.

Unit 3: Time Series and Panel Data


Suggested Readings

1. David L. Morgan (2014): Integrating Qualitative and Quantitative Methods, Sage Publications, New Delhi
   Education Limited
Course Work Syllabus: Research Methodology

Unit 1: Research Methodology: Issues and Perspectives


Unit 2: Data Collection and its Analysis

Questionnaire Design, Methods of Data collection, Pilot Survey, Reliability and Validity, Primary Data Data Entry, Tabulation of Data, Statistical and Econometric Applications of Software Packages- Use of SPSS, and STATA, in data Analysis. Formulation of Hypothesis, Testing Hypothesis, Generalization and Interpretation, Report writing.

Unit 2: Regression Analysis

Introduction to Simple Regression, Classical Linear Regression Model, Interpreting OLS Estimates, Multiple Regression, OLS Estimation of the Multiple Regression Model, Omitted Variable Bias and Multi-Collinearity. Lagged Variables and Selection of Lag Order.

Unit 3: Time Series and Panel Data


Suggested Readings

1. David L. Morgan (2014): Integrating Qualitative and Quantitative Methods, Sage Publications, New Delhi
   Education Limited