

OBJECTIVE: To teach various statistical aspects and enable the students to get acquainted with the various research aspects.

MODULE – I: Science: Theory and fact; scientific Method; Methods of social research; Case study method and Survey method. (Case study)

MODULE – II: Research Process: Problem formulation; Formulation of Hypothesis; Types of Research Designs; Sampling Techniques. (Case study)

MODULE – III: Data Collection: Sources of Data Collection; Tools of Data Collection; Data Analysis; Report Writing. (Case study)

MODULE – IV: Statistical Techniques: Measures of central tendency: Mean, Median and Mode; Measures of Dispersion: Range, Mean Deviation, Standard Deviation, Correlation. (Case study)

MODULE – V: Regression; Chi-Square test; Scaling techniques; Index numbers. (Case study)

REFERENCES:

1. Methodology of research in social sciences, Krishnaswami
2. Research Methodology, Kothari, Viswaprakashan publishers, New Delhi
3. C.R. Kothari Research Methodology
4. Methodology of research in social sciences
5. Donald R. Cooper & Pamela S. Schindler, Business Research Methods