

Module I

Research: Basic concepts - Meaning–Objectives–Types–Approaches – Significance of research in social sciences – Process of research – Formulating problem – Literature Survey – Hypothesis – Research Design – Types – Exploratory, Descriptive, Diagnostic, Experimental – Sample Design – Collecting, analysing, testing, interpreting and presenting result.

15 hours

Module II

Population Survey and Sample Study: Population & Sample–Sampling theories - Techniques of sampling – Random and Non-random techniques – Sample Size – Determination of sample size – Sampling Errors – Non sampling Errors – Factors influencing sample size – Optimum sample size – Case Study – Pilot Survey.

20 hours

Module III

Data collection: collection of Primary Data–Methods of Data Collection – Observation – Field Survey – Questionnaire - Interview Schedule – Preparation of Questionnaire – Process of Interviewing – Collection of secondary data – Sources of secondary data.

10 hours

Module IV

Measurement and Scaling: Variables–Attributes – Process of measurement – Attitude Measurement – Scaling - Scaling Techniques – Graphic Rating – Likert – Thurstone – Semantic Differential – Stapel – Dichotomous – Scales – Types of Scales – Scale Values – Validity and Reliability of Scales – Errors in measurement.

20 hours

Module V

Data Processing and Presentation : Field Work–Editing–Classification – Coding – Tabulation – Summarization – Analysis of data – One way ANOVA - Univariate, Bivariate and Multi variable methods - Tools of Analysis – Descriptive Analysis – Inferential analysis – Interpretation – Presentation – Report Writing - Types of Reports – Contents of Reports – Format of Reports – Documentation Styles– Plagiarism (Theory only)

15 hours

Theory60% Problem40%

