PhD SYLLABUS OF SOCIOLOGY AND RESEARCH METHODOLOGY PAPER

DEPARTMENT OF SOCIOLOGY,

S. N. D. T. WOMEN'S UNIVERSITY,

MUMBAI. 20.

Methodology of Social Research

Course Content:

I Scientific Research

a) Nature and Types: Pure/applied, Qualitative/Quantitative and Comparative/Longitudinal
b) Difference between scientific method and methodology
c) Difference between approach of natural and social scientist

II Social Science Research:

a) Meaning and functions of Social Research
b) Positivism & Methods of research
c) The nature of scientific method:
   o Concepts
   o Measurement
   o Reliability and Validity
d) Steps of Social Research

III Research Design:

a) Phases in Research Designing
b) Design for Descriptive, Explanatory and Exploratory Research
c) Survey and Online Research

IV Sampling:

a) Purposes, Principles and Advantages
b) Probability Sampling (Simple Random(Lottery, Tippet's Table), Stratified, Systematic, Cluster, Multistage and Multi-phase
c) Non-probability Sampling: Reliance on available subjects, Purposive or judgemental sampling, Snowball sampling, and Quota sampling.

V Data Collection:

a) Primary Sources: Questionnaire, Interview and Observation
b) Primary Sources: Experiment, Case study, Content analysis

VI Data Processing and Tabulation:

c) Data distribution: Frequency, Percentage and Cumulative.
d) Tabulation: Univariate, Bivarite and Multivariate
e) Relation of Review of Literature and Graph

VII Analytical Procedures:

f) Stages: Categorization, Frequency distribution, Measurement and Interpretation.
g) Measures of Central Tendency: Mean, Median and Mode.
h) Measures of Dispersion: Standard Deviation
i) Measures of Association: Chi-square, "t" test Correlation

VIII Computers and Social Sciences Data:

j) Use of Computers for Analysis of Data
k) Introduction to SPSS
l) Interpretation of Data ,
m) Preparation of research Report