

# **Mother Teresa Women's University, Kodaiakanal**

## **Ph.D Sociology-Course Work Syllabus**

### **Research Methodology**

#### **Unit I**

Introduction to Social Research: Meaning-objectives -need -motivation- importance –Types. Scientific Method: Meaning-assumption-steps.

#### **Unit II**

Identification of Research Topic-Review of Literature. Research Design: Exploratory- Descriptive- Diagnostic-Experimental-Quasi-experimental

Sources of Data: Primary- Secondary- Tertiary.

#### **Unit III**

Tools of Data Collection: Interview Guide-Interview Schedule- Questionnaire-Observation- Case Study- Case History- Scales-Reliability- Validity of tools.

#### **Unit IV**

Census Method - Sampling Techniques: Probability and Non Probability Sampling-Criteria for a good sample-determination of sample size.

Hypothesis: sources of hypothesis-criteria for good hypothesis-types-testing of hypothesis-errors in hypothesis testing.

Report writing-: Methods-Bibliography-Footnotes.

#### **Unit V**

Quantitative techniques: Measures of Central Tendency-Measures of Dispersion-Chi-square test- Correlation- t-test -Importance of Computers in Research-Uses of SPSS- Code and Policies of Research Ethics-Promoting Ethical conduct in Social Research-Ethical principles- Ethical issues in Research-History of research ethics-Contemporary issues in research ethics- Benefits and harms of participation in research-Informed consent in research-Plagiarism and its checking - Intellectual Property Rights.

#### **References:**

- Kothari C.R., Research Methods and Techniques, Viswaprakashan, New Delhi.
- Gupta SP, Statistical Methods, Sultan Chand & Sons, New Delhi.