COMPULSORY COURSES

Paper – M-105 - RESEARCH METHODOLOGY

UNIT – I: Introduction to Research
Research: Concept, Need and Purpose
Research Problem and Research Design
Literature Review
Hypothesis: Definition, Types, Sources and Functions

UNIT –II: Types of Research Methods
Historical, Survey and Experimental
Case Study
Scientific Research and Statistical Research, etc.

UNIT – III: Research Techniques
Research Techniques and Tools: Questionnaire, Interview, Observation, Schedule and Check-list, etc.
Library Records and Reports

UNIT – IV: Statistics and its Applications
Presentation of Data: Tabular, Graphic, Bar Diagram and Pie Chart, etc.
Report Writing
Statistical Packages – MS Excel, SPSS, and Web-based Statistical Analysis Tools, etc.

UNIT – V: Metric Studies and Style Manuals
Scientometrics, Infometrics and Webometrics
Manual Structure, Style, Contents- ISI, MLA, APA, CHICAGO, etc.
Recommended Books


6. **LANCASTER (F W) and POWELL (R R).** Basic research methods for librarians. 1985. Ablex publishing, New Jersey.


