Ph D Course Work Syllabus

PAPER  I: RESEARCH METHODOLOGY IN LIBRARY AND INFORMATION SCIENCE

Unit-1: Introduction to Research Methodology
- Research Problem and Research Design
- Formulation of Hypotheses

Unit-2: Research Methods in LIS
- Types of Research Methods: Quantitative and Qualitative
- Research Techniques and Tools: Questionnaire, Interview, Observation, Schedule, Check-list, Library Records and Reports.
- Metric Studies in LIS

Unit-3: Data Analysis and Interpretation
- Data Analysis: Statistical Methods
- Data Analysis : Computer Processing
- Interpretation and Presentation of Results

Unit-4: Report Writing
- Research Report Writing
- Style Manuals
- IPR and Plagiarism

Reference Books:

PAPER II: APPLICATION AND TOOLS OF TECHNOLOGIES IN LIBRARY AND INFORMATION SCIENCE

Unit-1: Data Analysis Tools
- Spreadsheet
- SPSS
- Citation Analysis Tools:
  - Refwork, Mendle etc
  - Citation Data Bases: Web of Science and Scopus

Unit-2: Citation and Anti-Plagiarism Tools
- Online Citation Tools: EasyLib, Biblio, Endnote etc.
- Anti-Plagiarism Tools: Turnitin, Authenticat, Urkund etc.

Unit-3: Online Data Search
- Advance Search Techniques: Federated Search Systems
- Online Data Systems: Subject Gateways, Institutional Repository, Web Directory etc.

Unit-4: Web Designing and Development of Information System
- Website Designing
- Content Management Systems

Reference Books:

Unit-1: Historical Development in Research Area
- Growth and Development in Research Area
- Contributors in Research Area
- Institutions in Research Area

Unit-2: Trends in Research Area
- Changing Perspective in Research Area
- International Trends in Research Area
- Current State in Research Area

Unit-3: World Literature in Research Area
- Print Information Resources
- Electronic Information Resources
- Selection of Information Sources

Unit-4 Scope and Objectives of Research Area
- Scope of Research Area
- Objectives of Research Area
- Assumptions and Prepositions in Research Area

References:

Note: List of Reference Books will be provided by the concern Teacher.