

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

REVISED SYLLABUS FOR M.Phil Course IN LIS (Regular & Vacational)

Paper I: Research Methodology

The aim of this paper is to develop research skills in students and enable them to carry out research in Library & Information Science

Objectives:

- 1. To give an advanced exposure to the students about the research and development.**
- 2. To develop acquaintance with intensive techniques and skills of research process.**
- 3. To familiarize the art and style of writing a research report.**

1. Research: General

Meaning, need, process

Spiral scientific method

Types of Research: Pure, Applied and Action Research

Kinds of Research: Diagnostic, Descriptive, Exploratory, Explanatory

Research Ethics

2. Typology for Literature search.

Typology for Literature search

Scientific methods: Components of scientific methods.

Formulation of research problems

3. Research Design

Types of research design: Historical design, Descriptive design, Formation of Hypothesis; Synopsis Writing

4. Research Methods

Brief review of general research methods

Research methods in LIS

Use and user study

Content analysis

Field study

Future research: Delphi Techniques

5. Data Collection Techniques

5.1 Sampling

- 5.2 Interview
- 5.3 Observation
- 5.4 Questionnaire
- 5.5 Bibliometrics
- 5.6 Webometrics

6. Data Analysis & Interpretation

Geographical & Graphical presentation of Data

Statistical analysis (measures of central tendency, measure of dispersion regression and correlation, chi-square test)

Statistical package

Tools of argument (definition, analysis, synthesis, interpretation, inference)

7. Research Reporting

Structure, style and contents

Style manuals (Chicago, APA, MLA)

Citation styles: Footnotes, references

Evaluation of research

Current trends in LIS research (Advanced countries, Less-Advanced countries and Global)

Recommended Books:

1. Busha, Charles, H. and Harter, Stephen, S. Research Methods in Librarianship. Techniques and Interpretation. Orlando, Academic press, 1980
2. Charles, H. et.al. Research Methods in Librarianship: Techniques and Interpretations, New Delhi, Sage, 1993
3. Fowler, F.J. Survey Research Methods. New Delhi, Sage, 1993
4. Goode, W.J and Hatt, P.K. Methods in Social Science Research. New Delhi, McGraw Hill, 1986
5. Leddy, Paul. D Practical Research: Planning Design. London, Clive Bingley. 1980
6. Line, M.B. Library Surveys, London Clive Bingley, 1967
7. Nicholas, D and Ritchil, M Literature and Bibliometrics. London Clive Bingley, 1979
8. Ravichandra Rao. I.K Quantitative methods for Library and Information Science, New Delhi, Wiley Eastern, 1985
9. Slater, M. Research Methods in Library and Information Studies. London, L.A, 1990
10. Stevens, R.E. Ed. Research Methods in Librarianship. London, Clive Bingley, 1971

Paper II: Advances in Library Management

The intention of this paper is to inculcate managerial skills in the students.

Objectives:

1. To train the students to become effective Information managers.
2. Acquainting the students with emerging management skills and techniques.

1. Schools of Management

Principles of Scientific Management

Comparative analysis of Recent managerial, philosophies and practices

2. Human Resource Management

Personnel Management

Human Relations

Communication & Managerial Skills

Crisis & Time Management

3. Financial Management

Space Planning, Strategies & approaches

Planning & Methods

Planning & Budgeting

Methods of Budgeting

Cost effective & Cost benefit analysis

4. Performance evaluation and measurement

Techniques & Methods

Evaluation of Library Services & Products

SWOT Analysis

Re-Engineering of Library Services

5. Knowledge Management

Technology Management

Marketing Skill & Techniques

Collection development policies & procedures (By taking individual libraries i.e. needs based collection development)

Total Quality Management i.e. TQM.

6. Recent Management Techniques

Out sourcing

Six Sigma

Brain Storming

Recommended Books:

1. Brophy, Peter and Courling Kote, Quality Management for Information and Library Managers. Bombay: Jaico, 1997
2. Bryson, J.O. Effective Library and Information. Bombay: Jaico, 1996
3. Evans, Edward g. Ed. Management Information Systems. New Delhi S. Chand & Co. 1986
4. Katz, W.A Collection Development Selection of Materials for Libraries. New York; HRW. 1980
5. Martino, R.L. Information Management: Dynamics of Management Information Systems. New York. McHill, 1969
6. MeDICK, Robert G. Et.al. Information Systems for Modern Management. New Delhi: Prentice Hall, 1992
7. Paliwal, P.K Compendium of Library Administration. New Delhi: Ess Ess, 2000
8. Parker, Charles and Café. Thomas. Management Information Systems: Strategy and Action. New York: McGraw Hill, 1993
9. Pearson, R.J Ed. Management Process: Selection of Reading for Librarians. Chicago: ALA, 1983
10. Stuert, Robert. D and Moran, Barbara B. Library and Information Centres Management. Colorado: Libraries unlimited, 2004
11. Narayana, G.J. Library and Information Management. New Delhi: PHI, 1991

Paper III: Current Trends in Library & Information Science

The aim of the paper is to introduce current trends in Library & Information Science

Objectives:

1. **To create understanding among the students about the emerging role of ICT.**
2. **To give an extensive exposure to the application of ICT in LIS.**
3. **To create friendly acquaintance with the converging technologies.**

1. Information and Communication Technology

Origin and Growth

Role of ICT in the development of LIS Centres

1.3 Librarianship 2.0

2. Digital Libraries

Concept, need, characteristics

Infrastructural facilities & digitization software (DSpace, Greenstone etc.)

Planning of Digitization

Content creation for DL

Intellectual Property Right Issues (IPR)

Digital Collection (e-books, e-journals)

Collection development

Organization and preservation

3. Services of Digital Libraries

Consortia (J-gate, Infonet, Indest, Jstor)

Portals, Vortals and Gateways

Digital libraries in the world

4. Relational Database Management System (RDBMS)

Introduction and concept of RDBMS

DBMS vs. RDBMS

RDBMS software: Proprietary and Open source

Interfaces for RDBMS using SQL

Development of database using MySQL

5. Networks and Security measures

Network components: UTP, Optical Fibers, Ethernet, Network Interface Card, Hub, Routers, Modems and requirement of Wi-Fi

Planning of computer networks in Library and Information Centres

Network security measures.

Internet security

6. Information Literacy

Concept, need

Methods of imparting information literacy programmes

Contents of information literacy programmes

ACRL standards for information literacy

7. Library Science Education

7.1 Curriculum Design (role of UGC in curriculum development)

7.2 Accreditation of LIS courses

7.3 Continuing education for Library & Information personnel

8. Partnership with Different Agencies

Concept, need

Agencies (teaching departments, government bodies at national and international level)

Recommended Books:

1. Carter, Roger: The Information Technology Hand Book, London, and Henemann, 1987.
2. Jeanne, F. M. A Librarian's Guide to the Internet: A Guide to searching and evaluating information, Oxford: Chandos publishing, 2006
3. Lancaster, F.W. Electronic publishing and their implications for libraries and beyond, London, Clive bingley, 1990
4. Lucy, A. Tedd. An Introduction to computer based library system. Ed.3 Chinchester, Wiley, 2005
5. Richard Jones. The Institutional Repository. Oxford, Chandos publishing, 2006
6. Vishwanathan. T. Communication Technology. New Delhi, T.M.H. 1995
7. Zorkoczy, Peter: Information Technology: An introduction, London, Otiman, 2005
8. Gorman, G.E. Digital factor in Library and Information Services. London: Facet publishing, 2002.
9. Haynes, David. Metadata for Librarianship in India. London: Greenwood Press, 2004
10. Patel, Jashu. Libraries and Librarianship in India. London, Greenwood Press, 2001