

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

MPhil/PhD COURSE WORK SCHEME OF PAPERS UNDER CREDIT SYSTEM – 2017

No	Course Code	Course Name	Credit Distribution				Marks (Scaled)
			L	P	T	Total	
Course work							
1	MPLIS/01	Research Methodology	3	0	1	4	100
2	MPLIS/02	Information and Knowledge Society: LIS Perspective	3	0	1	4	100
3	MPLIS/03	Library and Information Technology Management	3	0	1	4	100
Total			9	0	3	12	300
Project/Dissertation							
4	MPLIS/04	Project/Dissertation	0	12	0	12	300
Total			0	12	0	12	300
GRAND TOTAL			9	12	3	24	600

MPLIS-01: RESEARCH METHODOLOGY

Credit Distribution			Total Credits	Internal Marks		Semester Exam	Total Marks
L	P	T	L+P+T	C1	C2	C3	C1 + C2 + C3
3	0	1	04	20	20	60	100

Unit-1 Foundations of Research

- Meaning and definition, concepts, nature and objectives
- Types of research, Ethics in research
- Research Areas in LIS, Current Developments, Role of research in the development of scholarship

Unit-II Research Design and Methods

- Selection of a problem for research- Mode of selection, Sources of problems, Process of identification, Criteria of selection, Formulation of the selected problem
- Research Design, Hypothesis,
- Literature search- print, non-print and electronic sources
- Research proposal
- Types of research: Qualitative and quantitative method of LIS research- Scientific, Historical, Descriptive, Survey, Observation, Experimental, Case Study, Delphi Techniques.
- Bibliometrics, Informatics, Scientometrics, Webometrics, Altermetrics
- Index Number e.g. H-index, I-index etc.

Unit-III Data collection, Analysis and Interpretation

- Data collection: Questionnaire, Interview, Observation
- Sampling techniques, sample design or choice of sampling techniques, sample size, sampling and non-sampling errors.
- Presentation of Data- Tables, Graphs, Charts
- Interpretation of Data- Frequency Distribution, Measures of central tendency, Mean, Median & Mode, Time Series, Co-relation studies, ANOVA, Regression Analysis
- Use of statistical packages

Unit-IV Research Reporting

- Research reporting: Organisation of report, Structure, Style, Contents, Guidelines of Research Reports, Style Manual – Chicago – MLA-APA etc. Automatic Citation Builder, Endnote, Ref. work. and Methods of Research Evaluation
- Reference Management Software
- Plagiarism- Self plagiarism, Anti-Plagiarism Guidelines and Software

References and Further Reading

Borgman, Christie L., ed. (1990). *Scholarly Communication and Bibliometrics*. Newbury Park, CA: Sage Publications, Inc.

Busha, Charles H. and Harter, Stephen P. (1980) *Research Methods in Librarianship*. New York: Academic Press.

Davis, GB (1997) *Management Information System: Concept, Foundation Structure and Development*. New York: McGraw Hill.

Gupta, B M, ed. (1996). *Bibliometrics, Scientometrics and Infometrics*. New Delhi: Segment Books.

Khanna, J K (2000) *Documentation and Information Services, Systems and Techniques*. Agra: YK Publishers.

Kothari, CR (2004) *Research Methodology: Methods and Techniques* 2nd ed., Reprint. New Delhi: New Age International.

Krishankumar (1992) *Research Methods in Library and Information Science*, New Delhi: Vikas .

Kumar, PSG (2004) *Research and Statistical Techniques* Delhi: BR Publishing 2004.

Lucas, Henry C. (1978) *Information Systems Concepts for Management*. New York: McGraw Hill.

Mc Clure, Charles R. and Harnon Peter (1991). *Library and Information Science Research: Perspectives and Strategies for Improvement*. Norwood, NJ: Ablex Publishing.

Powell Ronald R. (1991) *Basic Research Methods for Librarians* 2nd ed., Norwood, NJ: Ablex.

Ranjit Kumar (1999) *Research Methodology: A Step-by-Step Guide for Beginners*. Delhi: Sage.

Roa, IKR (1983) *Quantitative Methods for Library and Information Science*. New Delhi: Wiley Eastern.

William, Kristy (2000) Research Methods for Students and Professionals Information Management System. Wagga, NSW, Australia: Charles Strat University.

Yin, RK (1994). Case Study Research : Design and Method. California, Thousand Oaks.

Young, PV (1996). Scientific Social Surveys and Research. New Delhi: Prentice Hall.

MPLIS-02: INFORMATION AND KNOWLEDGE SOCIETY: LIS PERSPECTIVE

Credit Distribution			Total Credits	Internal Marks		Semester Exam	Total Marks
L	P	T	L+P+T	C1	C2	C3	C1 + C2 + C3
3	0	1	04	20	20	60	100

Unit -1 Information Society

- Information Society: Attributes, Characteristics, & Components
- Information Infrastructures- National and Global
- Information Economics, Economics of Information, Information as Economic Resource.
- National Information Policy, Information Digital Literacy.

Unit-II Knowledge Society

- Definition, Characteristics and Components.
- Knowledge Economy and Knowledge Industry.
- Knowledge Management, National Knowledge Commission.
- Libraries as Gateways to Knowledge.
- Towards a Knowledge Society and Role of Knowledge Professionals.

Unit-III Digital Library Initiatives

- Electronic Theses and Dissertations
- National Digital Library (MHRD)
- Inlibnet (e-soudhsindhu)

Unit-IV Trends and Developments

- Role of Information in Planning, Decision Making, Innovations and National Developments.
- Impact of Information and Knowledge Society on Education, Training and Research.
- Conventional vs Web Based Learning, MOOC
- Recent Trends and Developments in LIS Education and Research.
- Impact of social media on Society and National Development

References and Further Readings

Allan, Barbara (2002). E-Learning and Teaching in Library and Information Services. London: Facet Publishing.

Amidon, Debra M. (2001) Innovation Strategy for the Knowledge Economy, Oxford: Butterworth – Heinemann.

Baldwin, Christine. (1995) Electronic Copyright: A Publishers' View.

Boone, Mary E. (2001). Managing Interactively: Executing Business Strategy. Improving Communication and creating a Knowledge Sharing Culture.

Carroll, Michael L. (1996). Cyber Strategies: How to Build a Internet Based Information. New York: Van Nostrand Reinhold.

Cassidy (Ainta) (1998). A Practical Guide to Information System Strategic Planning. Boca Raton: St Lucie Press.

Digital Futures: Strategies for the Information Age. London: Library Association Publishing.

Morrell, Deel and Gamlen. Electronic Networks: Potential Liabilities for Network Provides and and users organization (1995) New York: McGraw Hill.

National Knowledge Commission (2007). Libraries: Gateways to Knowledge. New Delhi: NKC.

National Knowledge Commission (2007). NKC: Report to the Nation- 2006. New Delhi; NKC.

Neef, D. 1998- Rethinking Economics in the Knowledge Base Economy. In: The Economic Impact of Knowledge. Boston: Butterworth Heinemann.

Powell (Thomas A) (2000) The Complete Reference HTML, 2nd ed., New Delhi: Tata McGraw Hill.

Publishing – Academic Authors and their Rights. Author's Licensing and Collecting Society. (1995).

Raman, A Thothathri (2003) Knowledge Management: A Resource Book. New Delhi : Excel Books.

MPLIS-03: LIBRARY AND INFORMATION TECHNOLOGY MANAGEMENT

Credit Distribution			Total Credits	Internal Marks		Semester Exam	Total Marks
L	P	T	L+P+T	C1	C2	C3	C1 + C2 + C3
3	0	1	04	20	20	60	100

Unit-I Trends and Developments in Library and Information Management

- Resource Management and Development: Human, Financial and E-Resources
- Resource Mobilization and Outsourcing
- Information Marketing
- Disaster Management
- Digital Information Resources Management

Unit-II Library Networks and Consortia

- Networks and Networking: Types, Hardware/ Software Requirements, Network protocols, Network security
- Data Networks and Library & Information Networks
- Networked Based Library and Information Services
- Library Consortia
- Management of Library and Information Networks and Consortia

Unit-III Digitization

- Digitization: Need, Methods and Equipment, Meta Data, Standards of Meta Data
- Digital Library: Components, Digital Library Initiatives in India, Open Access Initiative, Open Source Philosophy

Unit-IV Web and Social Media Applications in LIS

- Web 2.0, Blog, RSS Feed, Podcasting, Social Networking
- Cloud Computing, Digital Reference Tools

References and Further Reading

- Abhinandan KS (1999) Marketing Information Products and Services. New Delhi: Tata McGraw Hills.
- Allee, Verna (1997) The Knowledge Evolution: Expanding Organizational Intelligence. Boston MA: Butterworth Heinemann.
- Andreasen, Alan and Kotler, Philip (2002) Strategic Marketing for Non-Profit Organisation. 6th ed., NJ: Prentice Hall.
- Bayross, Ivan, N. (2003) Database Concepts and Systems. Navi Mumbai: Shroff.
- Bonczek, Robert H. et al. (1981) Foundation of Decision Support System. New York: Academic Press.
- Chen, Hsinchun (2001) Knowledge Management System: A Text Mining Perspective. Tucson, Arizona: Knowledge Computing Corporation.
- Davis, Gardon B. ed., (1999) The Blackwell Encyclopaedic Dictionary of Management Information Systems. Oxford: Blackwell Publishers. Davis, Gardon B. ed., (1999). The Blackwell Encyclopedic Dictionary of Management Information Systems. Oxford: Blackwell Publishers.
- Gunasekara, Angappa (2003). Knowledge and Information Technology Management: Human and Social Perspectives. Hershey: Idea Group Publishing.
- Haye-Roth, F. et al., ed., (1983) Building Expert Systems. New York : Addison Wesley.
- Haynes David (2004) Meta Data for Information Management and Retrieval . London : Facet.
- Kashyap, MM (1993) Database Management System: Design and Development. New Delhi: Sterling Publishers.
- Khanna, J K (1996) Handbook of Information Systems and Services. New Delhi: Beacon Books.
- Kotler, Philip and Armstrong, Gary (2005). Principles of Marketing 11th ed., NJ: Prentice Hall.
- Lahiri, Abhijit (1986). National Information System for Science and Technology: Gupta, BM (et al) (eds) Handbook of Libraries, Archives and Information centers in India. New Delhi: Information Industry Publication. Vol 3.
- Marchal, Benoit (2000) XML by EXAMPLE. New Delhi: Prentice Hall.
- Martin, James (1976) Principles of Database Management System, New York: Prentice Hall. MM: West.
- Mathew, JR (1980) Choosing and Automated Library System: A Planning Guide. Chicago: ALA.

Meadow, Charles T. Boyce, Bert R. and Kraft, Donald. H. (2000) Text Information Retrieval Systems. 2nd ed., San Diego, CA: Academic Press.

Natarajan, Ganesh (2000) Knowledge Management: Enabling Business Growth, New Delhi: Tata McGraw Hills.

Naveen Prakash (1984) Understanding Database Management. New York : Academic Press.

Neef, D. 1998- Rethinking Economics in the Knowledge base Economy. In: The Economic Impact of Knowledge. Boston: Butterworth Heinemann.

Powell, Thomas A (2000) The HTML Complete Reference. 2nd ed., New Delhi: Tata McGraw Hill.

Raman, A Thothathri (2003) Knowledge Management: A Resource Book. New Delhi Excel Books.

Seethrama, S. (1997). Information Consolidation and Repackaging, Frame Work, Methodology, Planning. New Delhi : Ess Ess Publication.

Sollumon, Michael R., Marshall, Greg W. and Stuart, Elnoro (2004) Marketing Real People, Real Choices, 4th ed., NJ: Prentice Hall. Trcson, Arizona: Knowledge Computing Corporation.

Weingand, Darlene E. (1987). Marketing Planning Library and Information Services. Littleton, Colorado: Library Unlimited.

MPLIS-04: PROJECT/ DISSERTATION

Total 12 credits, 300 Marks

The Project/ Dissertation comprises 12 credits having 300 marks.

The objective of undertaking a research based project is to take up some of the problems and find out the solution through research findings with regard to professional issues both in Library and Information Science Education and Practice in the changing information scenario. Most importantly the outcome of the project work shall aim to establish, develop and contribute solutions to academic and professional issues through innovative and scientific method of study.

Thrust Areas:

1. Evaluation of Library and Information Systems and Services: Case studies.
2. Evaluation of Library and Information Science Education and Practice.
3. Management of Library and Information Systems.
4. Design and Development of Library Automation, Networking and Digitization.
5. Design, Development, Maintenance of Library Website.
6. Evaluation of Search Engines and Web Resources
7. Social Media Application in LIS
8. Any other Emerging Areas.

Note:

Selection of Project/ Dissertation Topic, Registration, Pre Submission Seminar, Examination and Evaluation shall be in accordance with Mizoram University Ordinances (OC-5).