PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ

|| विद्यया संपन्नता ||

NAAC Accredited - 2015
'B' Grade (CGPA - 2.62)

Name of the Faculty: Interdisciplinary Studies

Syllabus: Library and Information Science

Name of the Course: Master of Library and Information Science

With effect from   : 2022-23

1) **Preamble:**

The course leading to the degree of Master of Library and Information Science is designed to meet the challenges of LIS profession. Students in the program are introduced to the roles and functions of libraries. They become familiar with key policy issues and technological trends, and with how these issues and trends affect libraries and information centers of all kinds. Students learn to manage and evaluate collections, respond to the information needs of patrons, and use technology to improve access to information. Students who complete the program are prepared for careers in library administration, public services, technical services, and collection development at public, school, academic, and special libraries.

2) **Objective of the Course:**

❖ To provide an understanding of the vital and pervasive role of Information as an essential resource in all developmental activities.

❖ To acquaint the students with the application of modern management techniques and ideas essential for library and Information systems.

❖ To train the students to develop their insight and skills in recent trends in collection, organization and transfer of information by using emerging technologies.

❖ To provide a thorough insight in to all techniques of information handling with special emphasis on the application of information technology.

❖ By studying the Subject Library and Information Science the student will be able to understand and appreciate the purpose of Libraries in changing circumstances.

❖ To impart training is basic principle of Library and information science. It is useful to understand the basic functions and principals of theory as well as practical work in Library and Information Science.

❖ To create awareness among the students for acquiring the knowledge of specialized subjects.

❖ To provide necessary skills and ICT background for designing, implementing, operating and managing Libraries and Information Centers.

❖ To develop research skill in students and enable information science.

3) Course Outcome:

LIS Students:

- ❖ Will be trained in Technological knowledge and professional skills.
- ❖ Will be able to effectively administer and manage Libraries and Information Centers.
- ❖ Will learn the skills of organizing information and recorded knowledge.
- ❖ Will become competent for job opportunities in LIS and related field.

PROGRAMME SPECIFIC OUTCOMES:

LIS Students:

- ❖ Can manage information resources and the information life-cycle through the¬ processes of collection development, organization, preservation, conservation, access, and dissemination in accordance with physical, virtual, and technical infrastructure and needs.

- ❖ Can design and implement policies essential for creating and providing information¬ services and resources guided by the values of patron privacy, equitable access, intellectual freedom, and ethical use of information.

- ❖ Can perform and access research based practices through the application of¬ information literacy, inquiry, and research methods including data discovery, analytics and qualitative measures

4) Eligibility Criteria:

Candidates seeking admission to the M.Lib. & I. Sc. Course must hold a Bachelor of library & Information Science Degree of this University or equivalent there to of any other University.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
M.Lib. & Information Science Structure

Sem. I	Paper Code	Title of the Paper	Semester Exam					
		Hard Core Papers	Theory	I A	Practical/ Viva- Voce	Total	L	Credits
I	MLIS- I	Management of Library & Information Centers	80	20	-	100	60	4
I	MLIS-II	Research Methodology & Statistical Techniques	80	20	-	100	60	4
I	MLIS-III	ICT Application in LIS	80	20		100	60	4
I	MLIS-IV	ICT in Library & Information Science (Practical) Per Batch 4 hrs. (2 Batch X 4 hrs = 8 hrs.	-	-	50	50	60	4
I		Internship	-	-	50	50		
		Semester I -Total	**240**	**60**	**100**	**400**	**240**	**16**

Semester-II

Sem. II	Paper Code	Title of the Paper	Semester Exam					
		Hard Core Papers	Theory	I A	Practical/ Viva- Voce	Total	L	Credits
II	MLIS-V	Information Retrieval, Repackaging and Consolidation	80	20	-	100	60	4
II	MLIS-VI	Electronic Information Sources & Services	80	20	-	100	60	4
II	MLIS-VII	Recent Trends in Library & Information Science	80	20	-	100	60	4
II	MLIS-VIII	Project	-	-	80+20	100	60	4
		Semester II Total	**240**	**60**	**100**	**400**	**240**	**16**
		Sem I & Sem II Total	**480**	**120**	**200**	**800**	**480**	**32**

* **L – Lectures**
* **IA – Internal Assessment**

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Master of Library and Information Science

SEMESTER – I

MLIS Paper – I

MANAGEMENT OF LIBRARY AND INFORMATION CENTERS
Credit: 4 Total Marks: 80

Theory Lectures - (60)

- Objectives of the paper: -

1. To introduce the students with the concept, History, Styles and school of Management thoughts

2. To familiarize students with the concepts of HRD, TQM, Management of Change and Marketing of Change, Marketing of Library and information services.

Unit 1: Management Thoughts

• History of Management Schools of Thoughts

• Scientific Management

• Management Styles and Approaches, Urquhart's Principles

• MBO

Unit 2: System Analysis

• System Analysis and Design

• Performance evaluation

• Management of Information System

• Project Management

• PERT/CPM; Re-engineering; SWOC

- **Planing**

1) Concept, Defination, Need, Purpose And Types

2) Building And Space Management In Libraries And Information Centers.

3) Risk Management, Contingency Management

4) Planning Of Related Infra Structure, Library Standard.

Unit 3: Management of Change & Marketing

• Management of Change: Concept, Problems & Techniques

• TQM: Definition, Concept, element, Quality audit

• Disaster management

• Marketing of Library and Information Services

• Current trends in Library management

Unit 4: Human Resource Management

• Organizational structure of various libraries.

• Human resource planning & Management- job description and analysis

• Job Evaluation

• Interpersonal relations

• Recruitment procedures; motivation, delegation of Powers, decision making

• Training and development, performance appraisal, leadership qualities.

• **Library House Keeping Operations**

  • Different sections of Library and Information Center and their functions

  • Collection Development and Management Policies, Procedures

  • Book Ordering(Acquisition)

  • Technical Processing

  • Serial Control, Circulation Control, Maintenance etc

  • Stock verification policies and procedures

  • Evaluation and weeding

  • Archiving- Conservation and Preservation

  • Restoration including print, non-print and electronic materials

Recommended Books:

1. **Al-Abdul-Gadar, Abdullah H.** (1999) Managing computer based information systems in developing countries: A cultural perspective. Hershey PA

2. **Ansari, M. M. (**2003) Text book of library Management. NewDelhi: Shree pud&Dist,

3. **Anand, Ballabh.** (2000) Modern Scientific Management of libraries. Delhi: RajatPublication

4. **Burger, R.H.** (2016). Financial *Management of libraries and information centers*. Santa Barbara: ABC-CLIO

5. **Bryson, J.** (2018). Effective library and information centre management. London:Routledge

6. **Clare, Jenkins.** (1996) Collection Management in academic libraries. Bombay :Jaieo Publishing House

7. **Gorman, Christine.** (2003)Staff development in libraries. New Delhi: DominantPublishers

8. Krishan Kumar. (1993) Library administration and management. New Delhi:Vikas,**.**

9. **Mahapatra, M. (Ed.)** (1998) Information Management in academic and research libraries. Ahmedabad: INFLIBNET center,

10. **Mittal, R.K.** (2007). *Library administration: Theory &practice.*New Delhi: EssEss.

11. **Jordan, Pater.** (1996)Staff management in library and information work. Bombay:Jaico Publishing House,

12. **Jugal Kishore.** (1981) Personnel management in libraries. New Delhi: Ess EssPublication,

13. **Ranganathan, S.R.** (2007). *Library administration*. New Delhi: Ess Ess

14. **Ranganathan, S.R.** (1951) Library manual. Delhi: Indian Library Association,

15. **Ranganathan, S. R**. (1989)Library administration. Ed. 2. Bangalore. Sarada

16. Ranganthan Endowment for Library Science,.

17. **Sharma, H. D**. (1996) Library building and furniture: a handbook for librarians.

18. Varanasi. Indian Bibliographic Centre,

19. Sharma, P. & Kumar, R. (2013).*Collection development & management in libraries & information centers in digital scenario*. New Delhi: SSDN

20. Singh M. _ Library & Information Management, Theory & Practice.

21. Fitzgerald : System Analysis & Desing.

22. Awad E.M. : system Analysis & Design New Delhi, galgotia 1999.

23. Mittal : Total Quality Management

24. Underwood P.G. : Managing change in Libraries & Information Services a systems approach London, Clive Bingley, 1990

25. Arara K.C. : Total quality Management & is 14000 (is – 13967) Delhi S.K. Kataria &Sons 1998.

26. Wilson E.R. & Tauber M.F. –University Library ed 2, New York Columbia UniversityPress 1956.

27. Ranganathan S. R. –Library Administration ed 2, Bombay, Vikas 1959

28. Urwick L. – Elements of Administration ed 2, London Pitman 1947, Reference

29. Evans G. Edward-Management Techniques for Librarians, New York Academic Press,1983

30. Stueart R.D. and Moran B.B. – Library Managemnet ed 3, Colorado, Libraries Unlimited1987.

31. Lancaster A.F.W. –No you want to evaluate your Library, 1982.

32. Shimman Rosse, Reader In Library Management, London Clive Bingloy 1976

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Master of Library and Information Science

SEMESTER – I

MLIS Paper – II

RESEARCH METHODOLOGY & STATISTICAL TECHNIQUES

Credit: 4   Total **Marks: 80**

Theory Lectures - (60)

Aim:

The main aim of this course is to make the students aware of the importance of research. The students will be taught the different methods for conducting research. The students will also be taught to design instruments to collect data with various approaches to analysing data.

Objectives:

1. To give an advanced exposure to the studentsabout the research

2. To develop acquaintance with intensivetechniques and skills of the research process.

3. To familiarize the art and style of writing a research report

Unit-1:

a. Research: Meaning, Concept, Definition, the basic methodology system of scientific research and its evolution, types of research -Descriptive vs. Analytical, Fundamental vs Applied, Quantitative vs. Qualitative, Conceptual vs. Empirical, Action and Scientific.

b. Research Design – Types of research; Design; Identification of a problem ,Selection and Formulation of a Research Problem; Hypothesis; Literature Search and Review of Literature

c. Designing of research proposals;

Unit-2:

a. Research Methods: Historical, Descriptive, Experimental, Survey & Case Study.

b. Research Techniques & Tools: Questionnaire, interview, observation, Sampling etc.

c. Use of tools/techniques for Research: methods to search required information effectively, Reference Management Software like Zotero/ Mendeley, Software for paper formatting like LaTeX/MS Office, Software for detection of Plagiarism.

Unit-3:

a. Descriptive statistics; inferential Statistics;Statistical Packages;

b. Metric Studies in LIS: Bibliometrics, Scientometrics, Informetrics, Webometrics, Altmetrics and Citation analysis.

Unit-4:

a. Research reporting –Concept, Structure, contents; guidelines; style manuals – Chicago, MLA, APA, e-citations.

b. Current trends in LIS research.

c. Research Ethics and Integrity, IPR and Plagiarism.

Books Recommended: -

1. Busha .Charles H. & Stephen, P. Harter. Research Methods in Librarianship: Techniques and Interpretation. New York: Academic Press.

2. Gupta, S.C. & Kapoor, K.V. Fundamentals of Mathematical Statistics, Sultan Chand & Sons, Delhi.

3. Lihitkar, S. R. (2014). Edited workshop proceeding on Research Methodology in Social Science. Sai Publication: Nagpur

4. Kothari C.R.-Research Methodology: New Age International Publishers, New Delhi.

5. Kumbhar Rajendra: Library and Information Science Research: Methods and Techniques: Universal Prakashan, Pune

6. Sadhu A.N. & Amargit singh (1980) : Research methodology in social sciencesBombay, Homalayan

7. Savanur S.K. -Research Methodology for Information Sciences: Universal Prakashan, Pune.

8. Slater, M (1990). Research Methods in Library and Information Studies. London, L.A.

9. Powel, Ronald R.(1985). Basic Research methods for Librarians, New Jersey, albex, Greenwood.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Master of Library and Information Science

SEMESTER – I

MLIS Paper – III

ICT APPLICATIONS IN LIS: Theory: 100 Marks

Credit: 4 Total Marks: 80

Theory Lectures - (60)

Course Objectives/ Outcomes: -

- To be acquainted with the ICT technology.
- To train students about the Advanced ICT Applications.
- To develop acquaintance for effective implementation of ICT in libraries.

Unit 1: Information and Communication Technology

- Concept, Meaning, Definitions, Scope, Need, Advantages and Use
- Information generation and communication channels: Formal and Informal
- Barriers of Information communications
- Basics of communication Technology: Transmission media, Switching
- systems, Modes

Unit 2: Networking

- Network: Concept, Need, Advantages
- Topologies and Types of Network, Network Media
- OSI model, ISDN, Wi-Fi, Networking Techniques
- Switching Systems: Techniques and Types
- Networking Security: Authentication, Firewalls, Virus & Spyware
- Library Networks
- Web at National and International Levels

Unit 3: Introduction to Internet

- Internet: Meaning, Definitions, History and Development
- Type of connectivity, components
- Internet protocols: TCP/IP, FTP, HTTP, E-mail Protocols
- Internet Security
- Web Browsers, Search Engines

Unit 4: Development of Digital Library

- Digital Library : Concept , Meaning, Definition, Need & Characteristics
- Major components of Digital Library
- Digitization Process
- Search and Browser Interface
- Digital Library Architecture
- Technical infrastructure
- Digital Library Software: D-Space, E-print, Greenstone, Fedora etc.

Recommended Books:

1. Arvind Kumar. Ed. (2006). Information technology for all (2 vols.). New Delhi: Anmol

2. Balasubramanian, P. (2012). Web technologies in Library & Information Science. New Delhi: Regal publications.

3. Bansal, S.K. (2005). Information technology and globalization, New Delhi: A.P.H. Publishing Corporation

4. Chowdhury, G.G. & Chowdhury, S. (2003). Introduction to digital libraries. London: Facet.

5. Curtin, D.P. & others: Information technology: The breaking wave. New Delhi: TMH, Latest Edition

6. Dhiman, A.K. (2003). Basics of Information technology for librarians and Information scientists, Vol.1. New Delhi: ESS ESS.

7. Kumar, P.S.G. (2004). Information technology: Applications (Theory and Practice). Delhi: B.R Publishing.

8. Lihitkar,S.R. (2017).Information landscapes: A scenario. New Delhi: Ess. Ess

9. Lihitkar, S,R. (2017): Web 2.0 in Libraries, Studara Publication, New Delhi

10. Phadke, D. N. (2018). Library & Information Technology. Pune: Universal.

11. Shubham, B.A.(2001). Issues for Libraries and information science in the internet age.Englewood: Libraries Unlimited Inc.

12. Westman, S.R. (2009). Creating data based-backed library and web pages using open source tools.Chicago: American Library Association.

13. Sinha, P.K. (1992). Computer fundamentals: concept, systems and applications. 2nd ed. NewDelhi: BPB Publications, 199

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Master of Library and Information Science

SEMESTER – I

MLIS Paper – IV

ICT APPLICATIONS IN LIS (Practical)

Credit: 2 Marks: 50

Total Lectures - (60)

Course Objectives/ Outcomes: -

1) To acquaint the students with the recent development in the subject

2) To acquaint the students with the working of library automation software, Digital library software and Library Website Design.

3) To acquaint to the students with establishing and managing Virtual Reference Service.

Practical on:

Unit 1: Internet Browsing: Basic and Advanced Search using search engines

Unit 2: Searching Information using Information Systems & Networks

Unit 3: Developing Library Websites using readymade tools

Unit 4: Creation of Weblogs for the library & Information Centre.

Unit 5: Design a database using any Standard Library Software Package

Unit 6: Creation of Digital Library using Open-Source Software Dspace etc.

Note:

Creation and organization of Software database file, Internet Browsing file, networking using file, Websites using and Weblogs using files minimum 10 documents using files Library automation software files.

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Master of Library and Information Science

INTERSHIP: (After sem-I)

[Credits: (2),] Marks: 50

The internship is for a 4 to 6 weeks period, after first semester examinations. Students are permitted to intern in any library, LIS academic departments and other relevant places such as in information centers, data and knowledge management group.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Master of Library and Information Science

SEMESTER – II

MLIS Paper – V

INFORMATION RETRIEVAL, REPACKAGING AND CONSOLIDATION

Credit: 4   Total Marks: 80

Theory Lectures - (60)

Course Objectives/Outcomes: -

- ❖ To become familiar with the standard methods used to organize and store collections of terms.
- ❖ To become able to analyze and evaluate ISAR tools and systems.
- ❖ To know the different ways in which information can be repackaged.

Unit 1: Information Storage and Retrieval

- ❖ Information Storage and Retrieval: Concept, Objectives, Functions and Information Storage and Retrieval Process.
- ❖ Information Retrieval System – Features, Components, Models and Evaluation.
- ❖ Abstracting: Abstracting- Meaning, Definition and Usefulness. Types of Abstracts. Steps in preparation of an Abstract. Impact of IT on Abstracting Services.
- ❖ Indexing: Concepts Theories and Methods. Indexing Systems and Techniques- Assigned - Pre-coordinate; Post-Coordinate; Derived- Title-based.
- ❖ Vocabulary Control Tools: Thesaurus: Need, Structure and Construction of Thesaurus.
- ❖ IR Models including Artificial Intelligence and Expert Systems.

Unit 2: Database and Information Retrieval Databases

- ❖ Database and Information Retrieval Databases: Meaning, Definition, Types of Database, Steps in Preparation of Database, Structure and Features of Database.
- ❖ Citation Indexing, Computer Based Indexing System: KWIC, KWOC etc.
- ❖ Evolution of Information Retrieval System.
- ❖ Multimedia Information Retrieval

Unit 3: Information Analysis, Repackaging and Consolidation

- ❖ Information Analysis- Meaning, Concept and Methods of Information analysis

- ❖ Packaging and Repackaging of Information: Meaning, Definition, Objectives and Various Ways for Repackaging of Information.
- ❖ Information Consolidation: Meaning, Definition, Objectives and Process and Tools for Consolidation, Methods of Consolidation: Prerequisites and Steps.
- ❖ Trends in Information Analysis, Repackaging and Consolidation including Electronic Content Creation

Unit 4: Bibliographical Control & Information Systems

- ❖ Bibliographical Control: Concept and Need.
- ❖ National Bibliographical Control, Universal Bibliographical Control.
- ❖ Role of UNESCO and IFLA for Bibliographical Control.
- ❖ National Information Systems and Networks: NISCAIR, DESIDOC, SENDOC, ENVIS, INFLIBNET, DELNET, NICNET, ERNET, National Knowledge Network (NKN), Biotechnology Information System Network.
- ❖ International Information Systems and Networks: INIS, AGRIS, INSPEC, MEDLARS, BIOSIS, ERIC, Patent Information System (PIS), Biotechnology Information System (BIS).

Recommended Books for Study:

1. Atchison, J. Gilchrist (1972): Thesaurus Construction, a practical manual,.
2. Austin D., Precis, (1984) A Manual of concept analysis and subject indexing: 2nd ed.
3. Bajpai, S.K. (1999). Modern information retrieval. New Delhi: EssEss Pub.
4. Bhat, S. G. MahitiPrakriyawaTantrikLekhan, Nagpur: Pimpalapure Books Distributors, 2014
5. Bryson (J.O.) Effective Library and Information Centre Management, USA Gower Publishing Company, 1980.
6. Chandra, A. and Saxena, P. Style Manual for Writing thesis, Dissertations and papers in Social Science. 1979. Metropolitan Book Co.Pvt. Ltd., Delhi.
7. Chattergee, Amitabh. Element s of Information analysis, Consolidation and Repackaging, Calcatta. ProvaPrakashan, 2014.
8. Chowdhary G.C. (2009) Introduction to Modern Information Retrieval, London.FacetPublising,.
9. Dhawan, K.S. (1997) Principles of Information Retrieval. New Delhi, Commonwealth Publication,.
10. Ellis, D.New (1990) Horizons in Information Retrieval, London: Library Association.
11. Fosket, A.C. (1996) Subject Approaches to Information 5th Ed. London: Clive Blingley,
12. G.J. Narayana, Library and Information Management, New Delhi. Printice Hall India, Pvt.Ltd. 1991.
13. Ghosh, S.B. and Satpathi, J.N. Subject Indexes: Methods and Techniques.

14. Kesarwani, S.K. (2011) Information Access to contributions from LIS feschrifts published from India. New Delhi, EssEss Publication,.

15. Kumar P.S.G. Information Analysis, Repackaging Consolidation and Information Retrieval. B.R. Publication Vol.9: Paper X & XI of UGC Model Curriculum, 2004. New Delhi.

16. Kumbhar, Rajendra. (2004) Thesaurus of Library and Information Science terms. New Delhi, EssEss Publication,.

17. Lancaster, F.W. (1968) Information Retrieval System Characteristics, Testing and Eva luation, New York: John Wiley,.

18. Lancaster, F.W. (1972) Vocabulary Control for Information Retrieval, New York: Information Resources Press,.

19. Lancaster, F.W. (2009) Indexing and abstracting theory and practice. London, facet Publication,.

20. Prashar, R.G. (1990) Index and indexing system, New Delhi, Medollian Press,.

21. Sarcevic, T. and Wood, J.S. Consolidation of Information: A hand book of evaluation restructuring and repackaging of Scientific Technical Information. 1981. UNESCO, Paris.

22. Seetharama, S. (ed) Libraries and information Centres as Profit Marking Institutions, New Delhi,EssEss Publication, 1998.

23. Seetharama, S. Information Consolidation and Repackaging: Frame work, Methodology, Planning. New Delhi: EssEss Publications, 1997.

24. Sengupta, B. and others. (1972) Documentation and Information Retrieval, Calcutta, World Press,.

25. Singh Sewa (2014). Information Analysis, Consolidation and Repackaging, New Delhi: Atlantic Publishers and Distributors pvt ltd.

26. Sutar D.B. (2013) A Compendium of Library and Information Science.Part-I.Varanasi, ABS Publications,

27. A course in Information consolidation: a handbook for education and training in analysis, synthesis and repackaging of Information. General Information Programme and UNISIST, UNESCO, PGI, Paris. 1986.

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Master of Library and Information Science
SEMESTER – II
MLIS Paper – VI

ELECTRONIC INFORMATION SOURCES AND SERVICES

Credit: 4 Total Marks: 80

Theory Lectures - (60)

Course Objectives/ Outcomes: -

- ❖ To familiarize the students with electronic Information Sources and Services.
- ❖ To make the students acquainted with the open access movement and electronic publishing.
- ❖ To make the students acquainted with the recent trends in E-Publishing.

Unit 1: Electronic Information Sources

- ❖ Electronic Information Sources: Meaning, Definition, Characteristics, Use, Growth and development of Electronic Information Sources and Types and Examples of Electronic Information Sources
- ❖ Evaluation criteria for Electronic Information Sources.
- ❖ Citation Methods of electronic information sources.
- ❖ Emerging Trends and Technologies in Electronic Information Sources.
- ❖ Library Consortia Importance and objectives. Study of Information networks and Digital Library Consortia - OCLC, RLIN, INFLIBNET, UGC-INFONET, DELNET, INDEST, FERA, and CSIR e-journal Consortia.

Unit 2: Electronic Information Services

- ❖ Electronic Information Services: Meaning, Definition, Need and Scope.
- ❖ Types of electronic information services.
- ❖ Emerging Trends and Technologies useful for Electronic Information Services.

Unit 3: Electronic Publishing

- ❖ Electronic Publishing: Concept and meaning, Platforms, Standards and formats.
- ❖ Technologies for E-Publishing Software & Hardware Requirements.
- ❖ Recent trends in electronic publishing.
- ❖ Impact of electronic publishing on library practices.

❖ Open Access Publishing: Concept, Models, Advantages. & Disadvantages.

❖ Open Archives Initiative (OAI).

❖ Social, economic, and legal issues in electronic publishing. IPR and copyright issues. Use and usability issues.

❖ Economics of e-publishing.

Unit 4: Open Access and New Trends

❖ Open Access Information: Meaning, Need, Purpose and Benefits of Open Access.

❖ Predatory Open Access Publishing: Concept, Meaning & Growth.

❖ Global & Indian Initiatives to Control the Menace of Predatory Open Access Publishing.

❖ Use of Social Media.

❖ Remote Access, Mobile-based Library Services.

❖ Use of Expert Systems and Robotics.

❖ Augmented Reality and Virtual Reality.

Recommended Books:

1. Chowdhury, G.G. and Chowdhury, Sudatta (2000). Searching CD-ROM and online Information sources. London: Library Association.

2. Cooper, M. D. (1996). Design of Library automation systems: File structures, data structures and tools. New York: john Wiley.

3. Dickson, G.W. and Desanctis, G. Information technology and the future enterprise: New models for managers. New Jersey: Prentice Hall.

4. Ferris, Jeffrey A. (2000). Windows 2000: Development and desktop management. Indiana: New Riders.

5. Gallimore, A. (1997). Developing on IT strategy for your Library. London: Library Association.

6. Henke, H. (2001). Electronic books and e publishing: A practical guide for authors. London: Springer-Verlag.

7. Karen, S. W., Marilynn, B, & Stone, T. A. (2003). Electronic publishing: The definitive guide. UK: Hard Shell Word Factory.

8. Kist, J. (1989). Electronic publishing: Looking for a blue print.NewDelhi:Sterling

9. Krishan Kumar (1996) Reference service, 5th ed. New Delhi: Vikas.

10. Lesk, Michael (1997). Practical digital Libraries: Books, bytes and bucks. San Francisco: Morgan Kaufmann. 36

11. Mahendra Singh Saharan(2013). Electronic Services in Library and Information Science, Random Publishcation. New Delhi

12. Ormes, Sorah and Dempsey, Lorcan Eds. (1997). The Internet, networking and the public Library. London: Library Association.

13. Schuster, C. (2011). E-publishing for writers: Trends and opportunities/Fall

14. Sharma, Jitendra Kumar (2003). Print Media and Electronic Media: Implications for the future. Delhi, Authorspress.

15. Standera, O. (1987). The electronic era of publishing: An overview of concepts, technology &methods.New York: Elsevier Science.

16. Terplan, Kornel (1999). Intranet performance management. London: CRC Press.

17. http://www.infolibrarian.com

18. http://www.infolibrarian.com

19. http://www.Libraryspot.com

20. http://www.Libraryspot.com

21. http://www.refdesk.com

22. http://www.refdesk.com

23. https://publicationethics.org

Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Master of Library and Information Science
SEMESTER – II
MLIS Paper – VII

RECENT TRENDS IN LIBRARY AND INFORMATION SCIENCE

Credit: 4 Total Marks: 80

Theory Lectures - (60)

Course Objectives/Outcomes: -

- ❖ To make aware the students about recent trends in LIS including E-resources management and research trends.
- ❖ To become familiar with the application of modern technologies in libraries.
- ❖ To know the trends in management of library and information centres

Unit-1: E-Resources and Consortia Management

- ❖ E-Resource and Consortia Management: Conecpt, Need & Licensing Issues
- ❖ Collection Development with special reference to eBooks
- ❖ Single Search to Library Resources: Federated Search and Web Scale Discovery Services
- ❖ Designing the Intelligent Library Search Service
- ❖ Remote Access to E-Resources
- ❖ Open Educational Resources: Issues and Contexts
- ❖ Open Access to Scholarly Communications & Open Licensing Enhancing Quality of Higher Education
- ❖ Institutional repository: concept, definition, need, objectives, characteristics and Design and development of IR

Unit-2: Application of Modern Technologies in Library

- ❖ QR Code and Useful applications in Libraries
- ❖ Web 2.0 and Web 3.0 and its Applications in Library Services
- ❖ RFID Implementation in Libraries
- ❖ Mobile Based Library Services
- ❖ E-learning and MOOCs: Role of Libraries
- ❖ Internet of Things for Libraries
- ❖ Application of Artificial Intelligence and Machine Learning in Library Operations and Services
- ❖ Cloud Computing in Libraries

Unit-3: Research Trends and Libraries

❖ Academic Integrity and Plagiarism in Research

❖ Library and Information Science Research: Trends & Issues

❖ Predatory Publishing: Issues and Challenges

❖ Indian Research Information Network System

❖ Research Data Management in Higher Educational Institutions

Unit-4: Trends in Management of Library and Information Centers

❖ Human Resources in Library Profession in the Digital Era

❖ Marketing of Library Products and Services

❖ Market Your Library (Additional)

❖ Makerspaces in Libraries

❖ Information Literacy

Recommended Books for Study:

1. Baba, Abdul Majid; Bhardwaj, Raj Kumar; Dhaka, S.S.; Ashraf, Tariq & Hasan, Nabi (Eds.). (2018). Developing Smart Libraries: Changes, Challenges, Issues & Strategies: Proceedings of the 3rd International Conference of Asian Libraries (ICAL-2018). (pp. xix, 688). New Delhi: Asian Library Association.

2. Hussain, A., & Fatima , N. (2017). Emerging Trends in Information Technology in Modern Libraries. Manakin Press.

3. Joiner, I. A. (2018). Emerging Library Technologies: It's Not Just for Geeks. Chandos Publishing.

4. Jones, W. (2008). EJournals Access and Management. New York: Routledge.

5. Kaushik, A. (2018). Library and Information Science in the Age of MOOCs. USA: IGI Global. doi:10.4018/978-1-5225-5146-1

6. Kataria, Sanjay et al. (Ed.) (2018). Proceedings of 5th International Symposium on Emerging Trends and Technologies in Libraries and Information Services. Available at https://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8467458

7. Kataria, Sanjay et al. (Ed.) (2015). Proceedings of 4th International Symposium on Emerging Trends and Technologies in Libraries and Information Services. Available at http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7038743

8. Kataria, Sanjay et al. (Ed.). (2012). Future of Libraries in Digital Age. KBD Publication, New Delhi, 2012

9. Kataria, Sanjay, John Paul Anbu K, Shri Ram (Ed.) (2010). Emerging Technologies and Changing Dimensions of Libraries and Information Services. KBD Publication, New Delhi, 2010

10. Kataria, Sanjay Nigam BS and Shukla, RK (Ed.) (2008). Emerging Trends and Technologies in Libraries and Information Services. KBD Publication, New Delhi, 2008

11. https://onlinecourses.swayam2.ac.in/arp19_ap78/preview

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Master of Library and Information Science

SEMESTER – II

MLIS Paper – VIII

PROJECT (DISSERTATION)

[Credits: (4)] Total Marks: 100

Candidate has to prepare a dissertation on a topic approved by the departmental council under the supervision of a faculty of the department. The Dissertation work will start from the beginning of the first semester and end two weeks before the end of the second semester. There shall be a viva for assessment of the dissertation.