Kurukshetra University, Kurukshetra

(Established by the State Legislature Act-XII of 1956)

("A++" Grade, NAAC Accredited)

Syllabus for
Post Graduate Programme

Master of Library & Information Science 1 Year

as per NEP 2020

Curriculum and Credit Framework for Postgraduate Programme

With Internship and CBCS-LOCF

With effect from the session 2025-26

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

FACULTY OF ARTS AND LANAGUGES

KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119

HARYANA, INDIA

1. **Programme Learning Outcomes(PLOs) for M.Lib.I.Sc. 1 Year Programme as per NEP-2020**:

PLOs include outcomes specific to disciplinary areas of learning associated with the chosen field (s) of learning as well as generic learning outcomes. These also include transferable skills and competencies that post graduates of all programmes of study should acquire and be able to demonstrate for the award of the Degree. The programme learning outcomes would also focus on knowledge and skills that prepare students for further study, employment, research and responsible citizenship.

Table-1: Program Learning Outcomes

PLO	Master Degree in Library and Information Science
	After the completion of Master degree in Library and Information Science, the student will be able to:
PLO-1: Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to Library and Information Science.
PLO-2: General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the field of Library and Information Science.
PLO-3: Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks indifferent domains of Library and Information Science.
PLO-4: Communication Skills	Effectively communicate the attained skills of Library and Information Science in well-structured and productive manner to the society at large.
PLO-5: Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Library and Information Science or otherwise.
PLO-6: Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of Library and Information Science enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.
PLO-7: Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.

PLO-8: Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s)that requires new/strategic approaches.
PLO-9: Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.

Master of Library and Information Science (M.Lib.I.Sc.) will be a one-year degree with multiple entry/exit facility.

2. **Duration and Credits for M.Lib.I.Sc.**

    a. The **M.Lib.I.Sc.** progam is of one year duration spread over into 2 Semesters.

    b. Every Student of **M.Lib.I.Sc.** program has to earn 50 credits as described under:

Table-2: Duration and Credits for M.Lib.I.Sc.

Component	Total Credits	Semester-wise Distribution
Core Courses	40	Semester I = 20 Semester II = 20
Elective Courses	8	Semester I = 4 Semester II = 4
Open Elective (OE)	2	Semester I = 2
Total	**50**	

3. **Course Outcomes and Mapping Matrix**

1. Each course of the **M.Lib.I.Sc.** program has two/four Course Learning Outcomes (CLOs) which are mapped or associated with PLOs.

2. Mapping of correlation between CLOs and PLOs, CLOs in the scale of 1 to 3 has been done as per Table 1:

Table 3: Scale of Mapping between CLO and PLO

Scale 1	If the contents of course have Low correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome
Scale 2	If the contents of course have Medium correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome
Scale 3	If the contents of course have Strong correlation (i.e. in agreement with the particular PLO to a small extent) with the particular Programme Learning Outcome

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**1ˢᵗ Semester**
Name of the Course	**Electronic Resource Management (ERM)**
Course Code	**M24-LIS-301**
Course Type	**CC-7**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-301.1	Understand the basic concept, types, and process of collection building of e-Resources;
M24-LIS-301.2	Grasp the issues related to licensing, negotiation, access, and use;
M24-LIS-301.3	Work in collaborative environment for better resource access and delivery with leading consortia in India; and
M24-LIS-301.4	Know the various usage related standards, guidelines and services.

Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course		

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	**E-Resources: Collection Development** – Concept, Need, Characteristics, Benefits and Drawbacks of E-resources	15

	− Types of E-Resources: E-books, E-journals, Databases, Electronic Theses & Dissertations etc. − Collection Building Process –Electronic Resource Development Policy − Budgeting, Pricing, Licensing, Ordering and Receiving, Evaluation of e-Resources − Archiving and Preservation of E-Resources		
II	**E-Resources: Negotiations, Licensing, and Access** − Model Licenses and Guidelines for Collection Building − Negotiation: Concept and Need − Copyright in the Digital Environment/Digital Rights Management (DRM) and User Training − Delivery of E-Resources & Access Management and Authentication − Off-campus and Integrated Access		15
III	**E-Resources: Consortia** − Concept, Need and Purpose of Consortia − Growth and Development of Consortia − Collection Building of E-Resources through Consortia − Consortia: e-Shodh Sindhu, CeRA, NKRC, OCLC		15
IV	**E-Resources: Usage** − Usage Statistics, E-Resource Usage Analysis − Standards and Guidelines (COUNTER); Processing, Analysis and Presentation of Data − Discovery based Services − Usage Enhancement Measures		15
	Total Contact Hours		**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources

Recommended Readings

1. Conger, J. E. (2004). Collaborative Electronic Resource Management: From Acquisitions to Assessment. Westport: Libraries Unlimited.
2. Curtis, D., & Scheschy, V. M. (2005). E-journals: A how-to-do-it manual for building, managing, and supporting electronic journal collections. New York: Neal-Schuman Publishers.
3. Fenner, A. (2014). Managing digital resources in libraries. New York: Routledge.
4. Fowler, D. C. (2004). E-serials collection management: Transitions, trends, technicalities. New York: Haworth Information Press.

5. Garibyan, M., McLeish, S., & Paschoud, J. (2017). Access and identity management for libraries: Controlling access to online information. London: Facet Publishing.
6. Halaychik, C. S., Reagan, B. (2018). Licensing Electronic Resources in Academic Libraries: A Practical Handbook. United Kingdom: Elsevier Science.
7. Hanson, A., & Levin, B. L. (2003). Building a virtual library. Hershey: Information Science Pub.
8. Jones, W. (2014). E-journals access and management. New York: Routledge.
9. Katz, L. S. (2003). Collection Development Policies: New Dimension for Changing Collections. London: Routledge.
10. Kemp, R. (2008). E-resource evaluation & usage statistics: Selector's choices. Saarbrücken: VDM Verlag Dr. Müller.
11. Lal, J., Tripathi, A. (2016). Library Consortia: Practical Guide for Library Managers. Netherlands: Elsevier Science.
12. Lee, S. D. (2004). Building an electronic resource collection: A practical guide. London: Facet Publishing.
13. Lee, S. H. (2012). Electronic Resources and Collection Development. Hoboken: Taylor and Francis.
14. Lee, Sul H. (2003). Electronic Resources and Collection Development. London: Routledge.
15. Patra, N. K. (2017). Digital Disruption and Electronic Resource Management in Libraries. United Kingdom: Elsevier Science.
16. Stachokas, G. (2019). The Role of the Electronic Resources Librarian. United Kingdom: Elsevier Science.
17. Talbott, H., Zmau, A. (2018). Electronic Resources Librarianship: A Practical Guide for Librarians. United States: Rowman & Littlefield Publishers.
18. Verminski, A., &Blanchat, K. M. (2017). Fundamentals of electronic resources management. Chicago: Neal-Schuman
19. W Pattie, L. Y., Cox, B. J. (2020). Electronic Resources: Selection and Bibliographic Control. United States: CRC Press.
20. Webster, P. M. (2008). Managing electronic resources: New and changing roles for libraries. Oxford: Chandos.
21. Yu, H., & Breivold, S. (2008). Electronic resource management in libraries: Research and practice. Hershey: Information Science Reference

Mapping Matrix of Course M24-LIS-301

Table 301.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-301.1	3	2	3	2	3	2	1	2	3
M24-LIS-301.2	3	2	3	3	3	2	2	2	3
M24-LIS-301.3	2	3	3	3	3	2	2	3	3
M24-LIS-301.4	3	2	3	2	3	2	2	2	3
Average	**2.75**	**2.25**	**3**	**2.5**	**3**	**2**	**1.75**	**2.25**	**3**

Session: 2025 – 26			
Part A - Introduction			
Name of the Programme	**Master of Library & Information Science**		
Semester	**1st Semester**		
Name of the Course	**Information Analysis, Consolidation and Repackaging**		
Course Code	**M24-LIS-302**		
Course Type	**CC-8**		
Level of the course	**500-599**		
Pre-requisite for the course (if any)			
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:			
M24-LIS-302.1	Comprehend conceptual breakdown of Information Consolidation and Repackaging and identify specific needs of various user groups		
M24-LIS-302.2	Understand the steps involved in Information Consolidation and Repackaging		
M24-LIS-302.3	Understand the forms of Condensed Content produced under Information Analysis, Consolidation, and Repackaging		
M24-LIS-302.4	Identify the managing aspects of Information Consolidation Units and explore the emerging trends in IACR.		
Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B –Contents of the Course			
Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.			
Unit	**Topics**		**Contact Hours**
I	**Introduction to Information Consolidation and Repackaging** - Information Consolidation: Meaning, Need, Objectives, Value and		15

	Benefits		
	- Content Analysis: Concept, Types, Advantages and Disadvantages		
	- Presentation of Contents: Format, Mode and Media		
	- Packaging and Repackaging of Information: Concept, Benefits, Challenges for Repackaging of Information		
	- User Groups of IACR and their Information Requirements		
II	**Processes of Information Consolidation and Repackaging**		15
	- Processes of Information Consolidation: Prerequisites		
	- User Studies: Need, Objectives, Plan and Methods		
	- Role of Specialists in Design and Development of IACR Products.		
	- Textual Presentation of Information: Characteristics, Prerequisites and Methodology of Technical Writing		
	- Non-Textual Presentation of Information		
III	**Forms of Condensed Content**		15
	- Condensation: Need, Factors, Process, Forms and Evaluation		
	- Information Consolidation Products: Concept, Nature and Types		
	- Reviews: Evolution, Characteristics, Categories and functions		
	- State-of-the-art Reports; Trend Reports: Need and Preparation		
	- Digests: Need, Functions and Categories		
	- Abstract: Definition, Types, Qualities and format of Abstract; Process and Guidelines for Abstracting.		
IV	**Managing of Information Consolidation Units**		15
	- Genesis, Types, Objectives and Functions IACR Centre. Key difference of IACR Centre with Traditional Library.		
	- Justification the Need for an Information Consolidation Unit		
	- Types of Organizations and lACR Products by diffusion stages		
	- Planning and Management of IACR Consolidation Centers		
	- Emerging Trends in Information Analysis, Consolidation and Repackaging		
		Total Contact Hours	**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources

Recommended Books
1. BASU (B N). Technical Writing. 2007. Prentice Hall of India, New Delhi.
2. CHATTERJEE (Amitabha). Elements of Information Analysis, Consolidation and Repackaging (IACR). 2013.Prova Prakashani, Kolkata.

3. COOPER (B M). Writing Technical Reports. 1986.Penguin, New York.
4. KUMAR(PSG). Information Analysis, Repackaging Consolidation & Information Retrieval.2003. (Paper X and XI of UGC Model Curriculum). B.R. Pub, Delhi.
5. ROWLEY(JE). Abstracting and Indexing.1982. Clive Bingley, London.
6. ROWLEY(JE). The Basics of Information Systems.1960. Facet Publishing, London.
7. SARACEVIC (T) and WOOD (JS).Consolidation of Information: A Handbook of Evaluation, Restructuring and Repackaging of Scientific and Technical Information. 1981. UNESCO, Paris.
8. SEETHARAMA(S). Information Consolidation and Repackaging: Framework, Methodology, Planning. 1997. Ess Ess Pub., New Delhi.
9. SEETHARAMA (S). Modes of Presentation of Information in Information Consolidation Products. *Library Science with a Slant to Document*, 22; 1985; Paper E.
10. STUEART(Robert D) and MORAN (Barbara B.). Library and Information Centre Management.2007. 7th ed. Libraries Unlimited, London.
11. SEWA SINGH. Information Analysis, Consolidation and Repackaging. 2014. Atlantic, New Delhi.
12. SEWA SINGH. Information Analysis, Consolidation and Repackaging. 2024.EssEss Pub., Agra (Hindi).
13. RIAZ(M). Advanced Indexing and Abstracting Practices. 1989. Atlantic publishers, New Delhi.
14. LANCASTER(FW). Indexing and Abstracting in Theory and Practice. 1991. Library Association Publishing, London.
15. https://epgp.inflibnet.ac.in/
16. http://egyankosh.ac.in/

Mapping Matrix of Course M24-LIS-302

Table 302.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-302.1	3	2	3	3	3	3	2	2	2
M24-LIS-302.2	3	2	3	3	3	3	2	3	3
M24-LIS-302.3	3	2	3	3	3	3	2	3	3
M24-LIS-302.4	3	3	3	2	3	3	3	2	2
Average	**3**	**2.25**	**3**	**2.75**	**3**	**3**	**2.25**	**2.5**	**2.25**

Session: 2024 – 25			
Part A - Introduction			
Name of the Programme	**Master of Library & Information Science**		
Semester	**1ˢᵗ Semester**		
Name of the Course	**Information Literacy**		
Course Code	**M24-LIS-303**		
Course Type	**DEC-1**		
Level of the course	**500-599**		
Pre-requisite for the course (if any)			
Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:			
M24 LIS -303.1	Understand the concept of Information Literacy and its importance for Lifelong Learning.		
M24 LIS -303.2	Know the different Models, Standards and Framework of Information Literacy.		
M24 LIS -303.3	Know the information literacy Skills for different persons and Programmes in different Types of Libraries.		
M24 LIS -303.4	Impart Information Literacy Instructions and prepare significant Information Literacy products while understanding the misleading information.		
Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		
Part B – Contents of the Course			

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact

		Hours
I	- Information Literacy: Concept, Definition, Need and Importance - Types of Information Literacy –Technology Literacy, Media Literacy, Computer Literacy & Digital Literacy - Information Literacy and Lifelong Learning - Levels of Information Literacy- Entry, Mid and High	15
II	- Models, Standards, Framework & Guidelines of Information Literacy: SCONUL, ACRL, UNESCO, IFLA, Search Process Model, Big6 Skills - Information Literacy: Initiatives and Forums in India	15
III	- Information Literacy Skills for Individuals, Professionals, Researchers and Library Professionals - Role of libraries in Information Literacy: School, College and University Libraries, Public Libraries, Special Libraries	15
IV	- Library Induction, Lecture, Demonstration, Practicals, Assignments - Information Literacy Products: Library Brochure, Web based Access Instruction - Information Overload, Fake News, Misinformation and Disinformation, Cyber bullying, Netiquettes	15
	Total Contact Hours	60

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation:	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.:	10		
• Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

1. ANDRETTA (S).Ways of experiencing information literacy: Making the case for a relational approach. 2012. Oxford, Chandos.
2. GODWIN(P) and PARKER(J). Information literacy meets library 2.0.2009. Santa Barbara, Facet.
3. MACKEY(TP) and JACOBSON(TE). (2011). Teaching information literacy online. 2011. London, Neal- Schuman.
4. ASSOCIATION OF COLLEGE AND RESEARCH LIBRARIES (ACRL). Information Literacy Competency Standards for Higher Education. 2000. Chicago, American Library Association.http://www.ala.org/ala/acrl/acrlstandards/informationliteracycompetency.htm
5. BAWDEN (David). Information and Digital Literacy: a review of concepts. *Journal of Documentation* 57, 2; 2001; 218-259.
6. BRUCE (Christine).The Seven Faces of Information Literacy. 1997. Adelaide, Auslib Press.
7. COUNCIL OF AUSTRALIAN UNIVERSITY LIBRARIANS. Information Literacy Standards. 2001. Canberra ,Council of Australian University Librarians.
8. PRESIDENTIAL COMMITTEE ON INFORMATION LITERACY, AMERICAN LIBRARY

ASSOCIATION. Final Report. 1989. Chicago: American Library Association.http://www.ala.org/ala/acrl/acrlpubs/whitepapers/presidential.htm

9. SOCIETY OF COLLEGE, NATIONAL AND UNIVERSITY LIBRARIES (SCONUL). Information skills in higher education: a SCONUL Position Paper.1999. London, SCONUL. http://www.sconul.ac.uk/activities/inf_lit/papers/Seven_pillars.html

10. TORRAS (MC)and SAETRE (T P). (2009). Information Literacy Education. 2009. Oxford, Chandos Publishing.

11. CARDIFF UNIVERSITY LIBRARY SERVICES.2016. Handbook for Information Literacy Teaching. http://sites.cardiff.ac.uk/ilrb/handbook/

Mapping Matrix of Course M24-LIS-303

Table 303.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-303.1	3	2	2	1	1	3	2	1	1
M24-LIS-303.2	3	3	2	2	2	2	1	1	1
M24-LIS-303.3	3	2	2	2	2	2	1	1	2
M24-LIS-303.4	3	3	3	3	3	2	1	2	3
Average	**3**	**2.5**	**2.25**	**2**	**2**	**2.25**	**1.25**	**1.25**	**1.75**

<table>
<tr><td colspan="4" align="center">Session: 2024 – 25</td></tr>
<tr><td colspan="4" align="center">Part A - Introduction</td></tr>
<tr><td colspan="2">Name of the Programme</td><td colspan="2">Bachelor of Library & Information Science</td></tr>
<tr><td colspan="2">Semester</td><td colspan="2">1st Semester</td></tr>
<tr><td colspan="2">Name of the Course</td><td colspan="2">School Library System</td></tr>
<tr><td colspan="2">Course Code</td><td colspan="2">M24-LIS-304</td></tr>
<tr><td colspan="2">Course Type</td><td colspan="2">DEC-1</td></tr>
<tr><td colspan="2">Level of the course</td><td colspan="2">500-599</td></tr>
<tr><td colspan="2">Pre-requisite for the course (if any)</td><td colspan="2"></td></tr>
<tr><td colspan="4">Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:</td></tr>
<tr><td colspan="2">M24-LIS-304.1</td><td colspan="2">Know the role and functioning of school libraries in elementary and secondary education.</td></tr>
<tr><td colspan="2">M24-LIS-304.2</td><td colspan="2">Understand the collection development and different types of sources in school libraries.</td></tr>
<tr><td colspan="2">M24-LIS-304.3</td><td colspan="2">Familiarize with different information services provided in school libraries.</td></tr>
<tr><td colspan="2">M24-LIS-304.4</td><td colspan="2">Familiarize with the policies and guidelines of various regulatory agencies for school libraries.</td></tr>
<tr><td colspan="2">Credits</td><td align="center">Theory</td><td align="center">Practical</td><td align="center">Total</td></tr>
<tr><td colspan="2"></td><td align="center">4</td><td align="center">0</td><td align="center">4</td></tr>
<tr><td colspan="2">Teaching Hours per week</td><td align="center">4</td><td align="center">0</td><td align="center">4</td></tr>
<tr><td colspan="2">Internal Assessment Marks</td><td align="center">30</td><td align="center">0</td><td align="center">30</td></tr>
<tr><td colspan="2">End Term Exam Marks</td><td align="center">70</td><td align="center">0</td><td align="center">70</td></tr>
<tr><td colspan="2">Max. Marks</td><td align="center">100</td><td align="center">0</td><td align="center">100</td></tr>
<tr><td colspan="2">Examination Time</td><td align="center">3 Hours</td><td></td><td></td></tr>
<tr><td colspan="4" align="center">Part B –Contents of the Course</td></tr>
<tr><td colspan="4">Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.</td></tr>
</table>

Unit	Topics	Contact Hours
I	**School Library System: Basic Concept** - Definition, scope & objectives	15

	- Components: Mobile Library, Cluster Library, Classroom Library, Centralized school library, School Community Library - Role of School libraries in Elementary and Secondary Education	
II	**Information Sources and Collection Development** - Information sources for children: Illustrated books, Reference books, Newspapers and magazines, Audio-video collection, Digital resources. - Collection Development: Selection, Acquisition & Maintenance.	15
III	**Users and Information Services** - Users of school library and their information needs - Information services in school libraries: Reference Service, Circulation Service, Library hours, Internet-based services. - Promotion of reading habits among children	15
IV	**Initiatives for School Libraries** - Recommendations of Commissions and Committees on school library development - Guidelines of Educational Boards and National Bodies for School Libraries. - Role of School Librarian - Role of Professional Associations	15
	Total Contact Hours	**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

1. AL-MISFE (AM). A combined public/school library system for the educational district of Riyadh. 1989. Saudi Arabia: A model for planning.
2. AMUCHEAZI (ON). The need for community oriented school library services for the effective implementation of the universal Basic Education Programme. *Nigeria School Library Journal*. 4, 182; 2001; 39-44.
3. BROPHY (P). The academic library. 2005. London, Facet Pub.
4. BUDD (J). The changing academic library: Operations, cultures, environments. 2005. Chicago, Association of College and Research Libraries.
5. CANAVOR (N) and KROLL (C). NASSAU School Library System & American Association of School Librarians. 2000. The school library: Where learning meets the future. New York, Nassau School Library System.
6. CHRISTIAN (A R). (2013). Academic library management: Universities, colleges and institutions. 2013. Jaipur, Vista Publishers.
7. COHEN (LB). Library 2.0 initiatives in academic libraries. 2007. Chicago, Association of College and Research Libraries.
8. DANIEL (CI). 2001. The school libraries and the librarians: making a difference in the

knowledge age. Being a compendium of papers presented at the 39th National conference and AGM of the NLA held at Owerri, 2001; 109-104.

9. DIKE (VW). The role of the school library in reading promotion. Nigerian School Librarianship: Yesterday, Today and Tomorrow. 1998. D.F Elaturoti. Ed. Ibadan, Nigerian School Library Association.
10. DUTCHESS COUNTY BOCES SCHOOL LIBRARY SYSTEM (N.Y.). School library system notes.1986. Red Hook, N.Y: The System.
11. ELATUROTI (DF). Learning resources and development for Nigerian school libraries. In: Elaturoti, D.F. (Ed). Nigerian school Librarianship: Yesterday, Today and Tomorrow. 1998. Ibadan, Nigerian school library Association.
12. ELGUINDI. Electronic resource management. Practical perspectives in a new technical services model. 2013. Stanton Harcourt, Chandos Publishing Ltd.
13. FAYOSE (PO). School Library Resource centres for Educational Excellence. 1995. Ibadan, AENL publishers.
14. FREEMAN (P). Pathfinder: An operational guide for the school librarian. 1975. New York, Haper& Row Publishers.
15. IFLA/UNESCO. The school libraries and learning for all: IFLA/UNESCO school library manifesto. 2000. IFLANET.
16. IFLA/UNESCO. IFLA/UNESCO school library manifesto: the school library in teaching and learning for all. 2002. Retrieved from http//www.ifla.org. 22/06/08
17. Islam, M.A. School libraries in Bangladesh: A state-of-the-art report. *School libraries Worldwide*. 4, 2; 1998; 37-38.
18. LIBRARY AND INFORMATION TECHNOLOGY ASSOCIATION (U.S.). Open source software for libraries: An open source for libraries collaboration. 2002. Chicago: LITA.
19. MORRIS (FO). Schools Library Services 1990-2000. School Librarian. 49, 1; 2004; 12-13.
20. PATRICK(R J). *Guidelines for library cooperation: Development of academic library consortia*. 1972. Santa Monica, Calif, System Development Corp.
21. PECK (P). Crash course in children's services. 2006. Westport, Conn: Libraries Unlimited.
22. RADFORD (M L) and SNELSON (P). Academic library research: Perspectives and current trends. 2008. Chicago, Association of College and Research Libraries.
23. RANGANATHAN (S.R.). New Education and School Library. 2006. New Delhi, Ess Ess Publication.
24. THANUSKODI (S). Challenges of academic library management in developing countries. 2013. Hershey PA, Information Science Reference.

Mapping Matrix of Course M24-LIS-304

Table 304.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-304.1	3	3	2	3	2	2	3	3	3
M24-LIS-304.2	3	3	1	3	2	2	2	3	2
M24-LIS-304.3	3	3	3	3	2	2	2	3	2
M24-LIS-304.4	3	3	2	3	2	2	2	3	2
Average	**3**	**3**	**2**	**2**	**2**	**2**	**2.25**	**3**	**2.25**

Part A - Introduction

Name of the Programme	**Master of Library & Information Science**
Semester	**1st Semester**
Name of the Course	**Standards in the field of Library and Information Science**
Course Code	**M24-LIS-305**
Course Type	**DEC-I**
Level of the course	**500-599**
Pre-requisite for the course (if any)	

Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-305.1	Understand the basic concepts related to standards, and the process of standardization;
M24-LIS-305.2	Know the activities of different national and international standardization institutions;
M24-LIS-305.3	Understand the areas of standardization related to library infrastructure and different standards prepared on these areas; and
M24-LIS-305.4	Understand the areas of standardization related to library and information activities and services and standards prepared on these areas.

Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours

I	**Standards: An Overview** - Standards: Definition, Types, Importance and Usefulness. - Specifications, Guidelines, and other related terms. - The process of Standardization at National and International level - ISO Certifications: Information and Documentation - Quality Assessment; Quality- Statistics and Performance Evaluation	15
II	**National & International Standards** - Activities of Standardization Institutions: ISO, BIS, ANSI, W3C, IFLA, LOC, ALA	15
III	**Standards related to Library Infrastructure** - Standards for Library Infrastructure: Material, Building & Interiors, and Staff.	15
IV	**Standards related to Library and Information activities and services** - Standards for various Library and Information Activities: - Knowledge Organization and Representation, Bibliographical Style - ICT related Standards	15
	Total Contact Hours	**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources

Suggested Readings
(List of suggested readings to be provided by concerned faculty)

Mapping Matrix of Course M24-LIS-305

Table 305.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-305.1	3	3	3	3	3	2	2	3	1
M24-LIS-305.2	3	3	3	3	3	2	1	1	1
M24-LIS-305.3	3	3	3	3	3	3	2	2	1
M24-LIS-305.4	3	3	3	3	3	3	2	2	1
Average	**3**	**3**	**3**	**3**	**3**	**2.5**	**1.75**	**2**	**1**

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**1st Semester**
Name of the Course	**Information Storage & Retrieval Practice**
Course Code	**M24-LIS-306**
Course Type	**PC-5**
Level of the course	**500-599**
Pre-requisite for the course (if any)	

Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:

M24-LIS-306.1	Assign/Derive subject entries using standard tools;
M24-LIS-306.2	Formulate search strategy for conducting search; and
M24-LIS-306.3	Design thesaurus.

Credits	**Theory**	**Practical**	**Total**
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time		3 Hours	

Part B –Contents of the Course			

Instructions for Paper Setter: There will be five titles each from sears list of subject headings Chain Procedure and PRECIS. The examinees will be required to attempt all the titles.

Unit	Topics	Contact Hours
I	Assigning/Deriving subject entries/headings using the following: 1. Sears List of Subject Headings 2. Chain Procedure 3. PRECIS	50
II	Search statement formulation for online databases (Use of Search techniques, parameters, search refinement, etc.	30
III	Thesaurus Construction.	40

Total Contact Hours		**120**

Suggested Evaluation Methods		
Internal Assessment: 30		**End Term Examination: 70**
• Class Participation	5	Practicum Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	

Part C – Learning Resources

Recommended Books

1. FOSKETT (A C). Subject approach to information. Ed.5. 1996. Bingley, London.
2. CHOUDHURY (G G). Introduction to modern information retrieval. 1999. Library Association, London.
3. AUSTIN (Derek). PRECIS: A manual of concept analysis. 1984. British Library, London.
4. RAJAN (T N). Indexing systems: Concepts methods and techniques. 1981. IASLIC, Calcutta.
5. GILCHRIST (Alan). Thesaurus construction and design.

Mapping Matrix of Course M24-LIS-306

Table 306.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-306.1	2	2	3	3	3	2	1	2	3
M24-LIS-306.2	2	2	3	3	3	2	1	2	3
M24-LIS-306.3	2	2	3	3	3	2	1	2	3
Average	**2**	**2**	**3**	**3**	**3**	**2**	**1**	**2**	**3**

Session: 2025-26	
Part A – Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**1ˢᵗ Semester**
Name of the Course	**Library Administration and Management Practice**
Course Code	**M24-LIS-307**
Course Type	**PC-6**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-307.1	Understand how libraries function in real life
M24-LIS-307.2	Able to manage in house correspondence of library
M24-LIS-307.3	Able to correspond with agencies outside library
M24-LIS-307.4	Use KOHA for basic library administrative functions

Credits	**Theory**	**Practical**	**Total**
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	0	3 Hours	

Part B-Contents of the Course

Note for the Examiner: The Examination shall be divided into two parts-A&B:

A. Evaluation of Tour Report and Presentation: 30 Marks (The Tour Reports will be evaluated by the Committee consisting of all the regular teachers of the Department.)

B. The paper will consist of following two parts-
   1) Internal and external correspondence, records maintenance, etc.: 30
   2) Report generation using Koha: 10

Practical	**Contact Hours**
Library Tour - *Library tours of any three libraries:* Tour Diaries to be maintained and shown during Report Presentation. - *Preparation and Submission of Tour Reports* - *Report Presentation* **Library Office Correspondence** – *Internal Correspondence:* Communication with Users, Library Staff and Library Administration/Higher Authorities, Preparation of Office	120

Memorandums and Office orders, Maintenance of Registers and Files etc. – **_External Correspondence:_** Purchase orders to Vendors, Subscription orders and other related correspondence, Subscription queries letters, Reminders to Vendors etc. **Report Generation from KOHA**	

Total Contact Hours	120

Suggested Evaluation Methods			
Internal Assessment: 30			**End Term Examination: 70**
• Class Participation:	5		Practicum Presentation
• Seminar/Demonstration/Viva-voce/Lab records etc.:	10		
• Mid-Term Exam:	15		

Part C – Learning Resources			

Recommended Books/e-resources/LMS:
1. MITTAL (R L). Library Administration: Theory and Practice. 5th ed. 1983. New Delhi, Metropolitan.
2. MOOKERJEE (Subodh Kumar) and SENGUPTA (Beneyendra). Library Organization and Library Administration. 1972. Calcutta, World Press.
3. PANWAR (B S) and VYAS (S D). Library Management. 1986. Delhi; R.R. Publishing Corporation.
4. RANGANATHAN (S R) Library Manual for Authorities, Librarians and Honorary Library Workers. 2nd ed. 1967. Bombay, Asia.
5. SINGH (M). Library and Information Management: Theory and Practice. 1983. Delhi, IBT.
6. SINGH (R S P). Fundamentals of Library Administration and Management. 1990. Delhi, Prabha.
7. STEUART (Robert) and EASTILICK (John T). Libraries Management. 2nd ed.1991. Colorado, Libraries Unlimited.

Mapping Matrix of Course M24-LIS-307

Table 307.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-307.1	3	3	3	2	2	3	1	2	3
M24-LIS-307.2	3	3	3	2	3	3	1	2	3
M24-LIS-307.3	3	3	3	2	3	3	1	2	3
M24-LIS-307.4	3	3	3	2	3	3	1	2	3
Average	**3**	**3**	**3**	**2**	**2.75**	**3**	**1**	**2**	**3**

Session: 2024 – 25	
Part A - Introduction	
Name of the Programme	**Bachelor of Library & Information Science**
Semester	**1ˢᵗ Semester**
Name of the Course	**Introduction to Library and Information Services**
Course Code	**M24-OEC-330**
Course Type	**OEC**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-OEC-330.1	Understand the functioning of Libraries.
M24-OEC-330.2	Use different types of Information Sources and services.

Credits	**Theory**	**Practical**	**Total**
	2	0	2
Teaching Hours per week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max. Marks	50	0	50
Examination Time	3 Hours		

Part B –Contents of the Course			

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction to Library and other Institutions** - Memory Institutions and their roles: Libraries, Archives, Museums - Types of Libraries: Public, Academic, and Special. - Digital Library.	8
II	**Information Organisation and Retrieval Systems in Library** - Introduction to the working of a University Library. - Library catalogue and Classification. Brief introduction to CC and DDC. - Call Number- Class Number, Book Number, Collection Number - OPAC and its features, Union Catalogue	7

III	**Information Sources**	8
	- Introduction to Periodicals, Books. Encyclopedias, Dictionaries, Gazetteers, Yearbooks, Directories, Bibliographies. - E-Resources: e-Book, e-Journal, e-Thesis. Database: Full-text, Bibliographic.	
IV	**Library and information services**	7
	- Library and Information Services: Reference Service- face to face and Digital, Database Search, Inter Library Loan and Document Delivery Service - Institutional Repository, Library Portal, Subject Gateway, Information Literacy Instructions, etc.	

Total Contact Hours	**30**

Suggested Evaluation Methods			
Internal Assessment: 15		**End Term Examination: 35**	
• Class Participation	4	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	4		
• Mid-Term Exam	7		

Part C – Learning Resources
Recommended Books/e-resources/LMS: (Updated List of recommended books/documents will be provided by the concerned Teacher)

Mapping Matrix of Course M24-OEC-330

Table 330.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-OEC-330.1	3	3	3	2	3	2	2	3	1
M24-OEC-330.2	3	3	3	2	3	2	1	1	1
Average	3	3	3	2	3	2	1.5	2	1

Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2nd Semester**
Name of the Course	**Research Methods**
Course Code	**M24-LIS-401**
Course Type	**CC-9**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-401.1	Understand the basic concept of research and be familiar with its different types and the process of research;
M24-LIS-401.2	Know the different aspects of research process such as research design, hypothesis and methods of conducting research;
M24-LIS-401.3	Understand different data collection techniques and reference management tools. Understand research report & its evaluation and trends in LIS research; and
M24-LIS-401.4	Know basic statistics such as measures of central tendency, standard deviation, correlation & regression together with basic data presentation formats.

Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course	

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	**Concept of Research** – Research - Concept, Characteristics, Scope. – Types of Research – Basic and Applied, Interdisciplinary and Multidisciplinary. – Research Proposal – Research Process. Spiral of Scientific Method. – Sampling Techniques – Research Ethics	15
II	**Research Tools and Techniques** – Research Methods: Historical, Descriptive, Experimental and Delphi. – Bibliometrics and its Laws – Research Design – Hypothesis: Concept and Types	15
III	**Research Report Writing** – Data Collection Techniques: Qualitative and Quantitative. Questionnaire, Interview, Observation, Library Records. – Citation and Reference Management Tools. – Research Report and its Evaluation. – Trends in Library and Information Science Research	15
IV	**Statistical Technique** – Statistics: Data and Variables. – Measure of Central Value – Mean, Mode, Median and SD – Correlation, Regression and Cross Tabulation. – Graphical presentation of data: Bar, Pie, Line graphs, Histograms	15
	Total Contact Hours	**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
Theory	**30**	**Theory**	**70**
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources

Recommended Readings
1. Busha, C H. and Harter, S P (1980). Research methods in librarianship. New York: Academic Fowler, F J Jr (1993). Survey research methods. New Delhi: Sage

2. Glazer, J D and Powell, R R (1992). Qualitative research in information management. Englewood: Libraries Unlimited
3. Goode, W J. and Hatt, P K (1981). Methods in social science research. Auckland: McGraw Hill
4. Kin, Robert K (1989). Case study research: Design and methods. New Delhi: Sage Publications
5. Kraft, D H and Royce, B R (1991). Operations research for libraries and Information Agencies. San Diego: Academic Press
6. Krishnaswamy, O R (1993). Methodology for research in social sciences. Delhi: Himalayan Publishing House
7. Lancaster, F W (1993). If you want to evaluate your library. London: LA
8. Line, M B (1967). Library surveys. London: Clive-Bingley
9. Savanur, S K (2008). Research methodology for information sciences. Pune: Universal Prakashan Simpson, I S (1990). How to interpret statistical data. London: LA
10. Alasuutari, P., Bickman, L. & Brannen, J. (Eds.) (2008). The SAGE Handbook of Social Research Methods. London: Sage Publication.
11. Atkinson, P & Delamont, S. (Ed.) (2011) Sage Qualitative Research Methods. (Vols. 1-4). New Delhi: Sage Publication.
12. Bedi, S., & Webb, J. (Eds.). (2020). Visual Research Methods: An Introduction for Library and Information Studies. Facet Publishing.
13. Berger, A. A. (2018). Media and communication research methods: An introduction to qualitative and quantitative approaches. Sage Publications.
14. Burton, D. & Bartlett, S. (2009). Key Issues for Education Researchers. California: Sage Publication
15. Connaway, L. S., & Radford, M. L. (2016). Research methods in library and information science. ABC-CLIO.
16. Cooper, H. M. (2006). Synthesizing research: A guide for literature reviews. Thousand Oaks, Calif: Sage.
17. Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approach. (4th ed.). California: Sage Publication
18. Fetterman, D. M. (2010). Ethnography: step-by-step (3rd Ed). (Applied social research methods series; v. 17). California: Sage Publication
19. Goon, A M. (2000). Fundamental of Statistics. Calcutta: World Press.
20. Julie McLeod, J. & Thomson, R. (2009). Researching Social Change: Qualitative Approaches. London: Sage Publication.
21. Leo, E. and Rousseau, R. (2001). Elementary Statistics for Effective Library and Information Service Management. London: Aslib.
22. Oliver, P. (2010). Understanding the Research Process. New Delhi: Sage Publication.
23. Powell, R. R.& Connaway, L. S. (2010). Basic Research methods for Librarians. 5th ed. Westport: Libraries Unlimited.
24. Powell, R. R., & Connaway, L. S. (2010). Basic research methods for librarians. Santa Barbara California: Libraries Unlimited
25. Wildemuth, B. M. (Ed.). (2016). Applications of social research methods to questions in information and library science. ABC-CLIO.

Mapping Matrix of Course M24-LIS-401

Table 401.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-401.1	3	3	3	2	2	3	1	2	3
M24-LIS-401.2	3	3	3	2	3	3	1	2	3
M24-LIS-401.3	3	3	3	2	3	3	1	2	3
M24-LIS-401.4	3	3	3	2	3	3	1	2	3
Average	**3**	**3**	**3**	**2**	**2.75**	**3**	**1**	**2**	**3**

<table>
<tr><td colspan="4" align="center">Session: 2025 – 26</td></tr>
<tr><td colspan="4" align="center">Part A - Introduction</td></tr>
<tr><td colspan="2">Name of the Programme</td><td colspan="2">Master of Library & Information Science</td></tr>
<tr><td colspan="2">Semester</td><td colspan="2">2nd Semester</td></tr>
<tr><td colspan="2">Name of the Course</td><td colspan="2">Information Communication and Society</td></tr>
<tr><td colspan="2">Course Code</td><td colspan="2">M24-LIS-402</td></tr>
<tr><td colspan="2">Course Type</td><td colspan="2">CC-10</td></tr>
<tr><td colspan="2">Level of the course</td><td colspan="2">500-599</td></tr>
<tr><td colspan="2">Pre-requisite for the course (if any)</td><td colspan="2"></td></tr>
<tr><td colspan="4">Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:</td></tr>
<tr><td colspan="2">M24-LIS-402.1</td><td colspan="2">Develop in-depth understanding of Types, Scope and Nature of Data, Information, and Knowledge</td></tr>
<tr><td colspan="2">M24-LIS-402.2</td><td colspan="2">Know the Fundamentals of Information Communication</td></tr>
<tr><td colspan="2">M24-LIS-402.3</td><td colspan="2">Learn about Information Society and the role of Libraries</td></tr>
<tr><td colspan="2">M24-LIS-402.4</td><td colspan="2">Get an overview of Legal and Ethical issues of Information</td></tr>
<tr><td colspan="2">Credits</td><td>Theory</td><td>Practical</td><td>Total</td></tr>
</table>

Credits	Theory	Practical	Total
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

<table>
<tr><td colspan="3" align="center">Part B –Contents of the Course</td></tr>
<tr><td colspan="3">Instructions for Paper Setter: The Examiner will set 9 questions asking 2 Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. 1) will consist of four questions covering entire syllabus. The examinee will be required to attempt 5 Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.</td></tr>
<tr><td>Unit</td><td align="center">Topics</td><td>Contact Hours</td></tr>
<tr><td>I</td><td>Data, Information and Knowledge

- Data: Definition, Types, Nature, Properties and Scope
- Information: Definition, Types, Nature, Properties and Scope</td><td>15</td></tr>
</table>

	- Knowledge: Definition, Types, Nature, Properties and Scope - Information as a Resource, Economic Commodity, and Public Good. - Production, Distribution and Consumption of Information and Knowledge	
II	**The Information Communication** - Communication: Concept, Genesis, importance and purpose - Elements of communication: Sender, receiver, message, channel, noise, feedback, context - Types of Communication: Verbal and Non-Verbal; Formal and Informal - Models of Communication: Linear, Interactive, Transactional. - Types of barriers in Information Communication	15
III	**Information Society and Role of Libraries** - Information Society: Genesis, Characteristics and Implications - Challenges and opportunities for the information society - Digital Divide: Social and Economic Consequences; Policy Initiatives for Bridging the Divide - Role of Libraries and Information Centers in Modern Society - Information Science: Origin and Development, Scope and Coverage	15
IV	**Information Laws/Acts and Policies: An overview** - The role of law and policy in shaping the information environment. - Freedom of Expression - Intellectual Freedom: Right to Read and Write; Banning of Books - Plagiarism: Meaning, Definition Types and its consequences - Information Ethics: Principles of Information Ethics - National Policy on Library and Information Science	15

	Total Contact Hours	**60**

Suggested Evaluation Methods		
Internal Assessment: 30		**End Term Examination: 70**
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	

Part C – Learning Resources

Recommended Books

1. ANDAL(N). Communication theories and models. 2005. Himalaya Publishing House, Mumbai.
2. BELL(Daniel) (1974). The Information Society: The Social Framework of the Information Society.1974.
3. BUCKLAND (Michael). Information and the Public Interest.2017.MIT Press; Cambridge

4. DAVID (Bawden) and LYN (Robinson). 2012. Introduction to Information Science. Facet Publishing, London.
5. DENIS (McQuail) and SVEN (Windahl). Communication models for the study of mass communications.1981. Longman, London.
6. FEATHER(John). The Information Society: A Study of Continuity and Change**.**2013. 6th.ed. Facet; London.
7. JOHN Feather. The information society: a study of continuity and change. 5th ed. 2008. Facet Publishing, London
8. JOONI (Deepak). Communication in The Information Society.2017. Sage, London.
9. KHAN(MTM). Information organization and communication. 1998.New Delhi, EssEss Publishing.
10. LOSSE (R M). The Science of Information. 1990. Academic Press, San Diego.
11. MACHLUP(Fritz). (1983). The Economics of Information and Human Capital. 1983. Princeton University Press, Princeton.
12. MCGARRY (K J). Changing context of information: an introductory analysis. 2nd ed.1993. Library Association, London.
13. MCGARRY (K J). Communication, knowledge and Librarian. 1975. Clive Bingley, London.
14. MEADOWS (A J). Ed. Knowledge and communication: essays on the information chain. 1991. Library, Association, London.
15. MENON (S). Protection of Intellectual property in cyber space. 2003. Authorspress, New Delhi.
16. MUKHERJEE (Bhaskar). Information, Communication and Society. 2012.Ess Ess, Agra.
17. NORTON (Melanie J). Introductory concepts in Information Science. 2008. Information Today, New Jersey.
18. PARASHAR (RG). Information and its communication. 1991. Medallion Press, New Delhi.
19. PRESTON(Paschal). Reshaping communications. Technology, Information and Social change. 2001. Sage Publications, New Delhi.
20. SECKER (J). Copyright and e-learning: A guide to Practitioners. 2010.Facet Publishing, London.
21. VICKERY (Brian C.) and VICKERY(Alina). Information Science in theory and practice. 3 rd ed. 2004. Munchen, K. G. Saur.
22. https://egyankosh.ac.in/
23. https://epgpathshala.ac.in/

Mapping Matrix of Course M24-LIS-402

Table 402.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-402.1	3	2	3	3	3	3	2	2	2
M24-LIS-402.2	3	2	3	3	3	3	2	2	2
M24-LIS-402.3	3	2	3	23	3	3	2	3	3
M24-LIS-402.4	3	3	3	2	3	3	3	3	3
Average	**3**	**2.25**	**3**	**2.75**	**3**	**3**	**2.25**	**2.5**	**2.5**

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2nd Semester**
Name of the Course	**Bibliometrics and Scientometrics**
Course Code	**M24-LIS-403**
Course Type	**DEC-2**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-403.1	Understand bibliometrics and other related concepts
M24-LIS-403.2	Know different bibliometrics laws
M24-LIS-403.3	Understand different literature growth models and citation analysis
M24-LIS-403.4	Know various science and research metrics and their application

Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course		

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	Bibliometrics: genesis, scope and definition; Librametry, Informetrics, Scientometrics& Webometrics, Altmetrics.	15

II	Classical Bibliometric Laws: Bradford's Law of Scattering, Zip's law, Lotka's law; Generalized Bibliometric distributions. Fitting of Informetrics models. Bradford's Curve, Leimukuhler's Distribution, etc. Aspects of concentration measures; 80-20 rule, Price's Law relating to scientific productivity; Analysis of use statistics.	15
III	Growth and Obsolescence of literature: Various growth models; Aging factor and half life. Citation analysis: Bibliographic Coupling and Co-citation Analysis	15
IV	Science indicators: Impact factor, CiteScore, h-index, g-index,i-10 index; Mapping of Science	15
	Total Contact Hours	**60**

Suggested Evaluation Methods		
Internal Assessment: 30		**End Term Examination: 70**
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	

Part C – Learning Resources
Recommended Readings

Mapping Matrix of Course M24-LIS-403

Table 403.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-403.1	3	2	3	2	3	2	1	2	2
M24-LIS-403.2	3	3	3	2	3	3	1	2	2
M24-LIS-403.3	3	3	3	2	3	3	1	2	2
M24-LIS-403.4	3	3	3	2	3	3	1	2	3
Average	**3**	**2.75**	**3**	**2**	**3**	**2.75**	**1**	**2**	**2.25**

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2ⁿᵈ Semester**
Name of the Course	**Social Science Information System**
Course Code	**M24-LIS-404**
Course Type	**DEC-2**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes (CLO): After completing this Course, the Learner will be able to:	
M24-LIS-404.1	Understand the structure and development of different disciplines of Social Sciences;
M24-LIS-404.2	Critically analyse the various information sources in Social Sciences;
M24-LIS-404.3	Assess the functions of social science information institutions; and
M24-LIS-404.4	Evaluate the information systems and networks in Social Sciences.

Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course		

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	**Structure and Development of Social Sciences:** – Growth and Development of Social Sciences. – Definition, Scope, Landmarks and Research Trends in the	15

	Disciplines of: Political Science, Economics, History, Sociology and Psychology. − Study the contributions of Eminent Social Scientists.	
II	**Social Sciences Information Sources** − Social Science (print) Literature- Format, Popular and Scholarly Literature, Derived and Bibliographical Literature. − Web based Information Sources: E-journals, Databases- Bibliographic and Full-text Subject Gateways, Institutional Repositories, Digital Libraries. − Evaluation of: International Encyclopaedia of Social and Behavioural Sciences, International Bibliography of the Social Sciences, EconLit, PsycINFO, Indian Citation Index, ProQuest, Web of Science, Scopus, JSTOR	15
III	**Social Sciences Information Institutions** − Institution connected with Social Science Information Generation to Dissemination. − Study of the activities of: ICSSR, ICWA, National Council for Applied Economic Research, TISS, ICHR, United Nations-ECOSOC, UNESCO.	15
IV	**Documentation Centers and Networks** − Planning of Social Science Research Libraries. − Study of existing Documentation Centres, Information Systems and Networks in Social Sciences at National and International level − INFLIBNET, DELNET, DEVSIS, NASSDOC, SENDOC, DEVINSA, APINESS, Social Science Research Network (SSRN).	15

Total Contact Hours	**60**

Suggested Evaluation Methods			
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Written Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		

Part C – Learning Resources
Recommended Readings(List of suggested readings to be provided by concerned faculty)

Mapping Matrix of Course M24-LIS-404

Table 404.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-404.1	3	3	1	1	2	2	1	2	1
M24-LIS-404.2	3	3	3	2	3	3	1	2	2
M24-LIS-404.3	3	3	3	2	3	3	1	2	2
M24-LIS-404.4	3	3	3	2	3	2	1	2	2
Average	**3**	**3**	**2.5**	**1.75**	**2.75**	**2.5**	**1**	**2**	**1.75**

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2nd Semester**
Name of the Course	**Marketing of Information Products and Services**
Course Code	**M24-LIS-405**
Course Type	**DEC-2**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-405.1	Acquaint with managing and marketing of information products and services;
M24-LIS-405.2	Understand the marketing strategies and techniques;
M24-LIS-405.3	Acquaint with different aspects of marketing of information products and services; and
M24-LIS-405.4	Understand the marketing strategies adopted by important libraries in India.

Credits	**Theory**	**Practical**	**Total**
	4	0	4
Teaching Hours per week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max. Marks	100	0	100
Examination Time	3 Hours		

Part B –Contents of the Course		

Instructions for Paper Setter: The Examiner will set **9** questions asking **2** Questions from each unit and one Compulsory Question by taking Course Learning Outcomes (CLOs) into consideration. The Compulsory Question (Question No. **1**) will consist of four questions covering entire syllabus. The examinee will be required to attempt **5** Questions, selecting one question from each Unit and the compulsory question. All Questions will carry equal marks.

Unit	Topics	Contact Hours
I	**Fundamental Concepts of Marketing** - Needs, Objectives and Philosophy - Marketing Environment: Producer, Consumer – Buyer Behaviour	15

	- Market Segmentation and Product Differentiation - Service Marketing Mix	
II	**Strategies and Techniques** - Strategic Planning - Marketing Research - Marketing Process - Evaluation of Marketing Efforts	15
III	**Promotion of LIS Products and Services** - LIS Products and Services as a Marketable Commodity - Pricing, Distribution Channels and Communication Strategies - Information Product Design & Development - Public Relations - E-Marketing	15
IV	**Best Practices in Library Marketing** (IFLA International Marketing Award & Others)	15
	Total Contact Hours	**60**

Suggested Evaluation Methods		
Internal Assessment: 30		**End Term Examination: 70**
• Class Participation	5	Written Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	

Part C – Learning Resources

Recommended Books
1. BAKEWELL (K G). Managing user-centred libraries and information services. Ed. 2. 1997. Maxwell, London.
2. BUTCHER (Helen).Meeting manager's information needs.1998. ASLIB, London.
3. CRONIN(B). (1981). Marketing of Library and Information Services.1981. ASLIB, London.
4. CARPENTER (J) and DAVIES (R). Quantification of the overseas consulting market for professional consultancy services in librarianship and information science and information management. 1992. Research and Development, British Library, London.
5. COOTE (Helen) and BATCHELOR (Bridget). How to market your library services effectively. Ed. 2. 1997. Aslib, London.
6. EILEEN(EDS). Marketing concepts for Libraries and Information Services.2002. 2nd Ed.Facet Publishing, London.
7. GUPTA (D K), et al. Marketing library and information services: international perspectives. 2006. K.G. Saur, Munich.
8. HELINSKY (Z). A short-cut to marketing the library. 2008. Chandos Publishing, Oxford.
9. JAIN (Abhinandan K), et al. Marketing information products and services: a primer for libraries and information professionals. 1999. Tata McGraw-Hill, New

Delhi.
10. KOTLER (Philip). Marketing Management. Ed.12. 2002. Prentice Hall, Delhi.
11. KOTLER (Philip) and ARMSTRONG (Gary). Principle of marketing. Ed. 7. 1996. Prentice- Hall of India, New Delhi.
12. ROWLEY (Jenifer). Information Marketing. 2001. Ashgate, London.
13. https://egyankosh.ac.in/
14. https://epgpathshala.ac.in/

Mapping Matrix of Course M24-LIS-405

Table 405.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-405.1	3	3	2	2	3	3	2	2	3
M24-LIS-405.2	3	3	3	3	3	3	2	3	2
M24-LIS-405.3	3	3	3	3	3	2	2	2	3
M24-LIS-405.4	3	3	2	2	2	2	2	2	3
Average	**3**	**3**	**2.5**	**2.5**	**2.75**	**2.5**	**2**	**2.25**	**2.75**

Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2nd Semester**
Name of the Course	**Content Creation & Design Practice**
Course Code	**M24-LIS-406**
Course Type	**PC-7**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-406.1	Create content for Websites, blogs, and video-sharing sites.
M24-LIS-406.2	Create content for Web 2.0 platforms, including Academic Social Networking Sites.
M24-LIS-406.3	Design and development of websites, blogs, videos, and infographics.
M24-LIS-406.4	Edit multimedia content using image editors, video editors, and text editors.

Credits	**Theory**	**Practical**	**Total**
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time	3 Hours		

Part B –Contents of the Course		

Instructions for Paper Setter: The paper is divided into two parts (Part-A & Part B). It provides practical skills for creating and applying web platform content and development tools. The internal examiner shall apprise the external examiner about the specific content creation and development tools used in the classes and provide the course syllabus.

Unit	Topics	Contact Hours
	Part-A (35 Marks)	
I	**Content Creation for Web Platforms** - Creation of content for Websites and Blogs - Creation of content for Video Sharing Platform	30

II	**Content Creation for Web 2.0 Platforms** - Creation of content for Web 2.0 Tools, including Academic Social Networking Sites - Creation of content for Webinars and Web Tutorials Creation of content for Podcasts and Infographics	30
	Part-B (35 Marks)	
III	**Web Design and Development Tools** - Designing Websites using various Content Management Systems - Designing Blogs using various Blogging Tools - Design and Development of Video Content (Tutorial) for Video Sharing Sites - Design and Development of Infographics	30
IV	**Content Editing Tools** – Multimedia Content creation and editing using Video Editors – Image Creation and Editing using Image Editors – Text Editing using Text Editors	30

Total Contact Hours	**120**

Suggested Evaluation Methods	

Internal Assessment: 30		**End Term Examination: 70**
• Class Participation	5	Practicum Examination
• Seminar/presentation/assignment/quiz/class test etc.	10	
• Mid-Term Exam	15	

Part C – Learning Resources

Recommended Books: <mark>The concerned faculty member will provide a list of books.</mark>

Mapping Matrix of Course M24-LIS-406

Table 406.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-406.1	2	2	3	3	3	2	1	2	3
M24-LIS-406.2	2	2	3	3	3	2	1	2	3
M24-LIS-406.3	2	2	3	2	3	2	1	2	3
M24-LIS-406.4	2	2	3	2	3	2	1	2	3
Average	**2**	**2**	**3**	**2.5**	**3**	**2**	**1**	**2**	**3**

Session: 2025 – 26	
Part A - Introduction	
Name of the Programme	**Master of Library & Information Science**
Semester	**2nd Semester**
Name of the Course	**Research Tools Practice**
Course Code	**M24-LIS-407**
Course Type	**PC-8**
Level of the course	**500-599**
Pre-requisite for the course (if any)	
Course Learning Outcomes(CLO): After completing this Course, the Learner will be able to:	
M24-LIS-407.1	Prepare questionnaires using different types of questions and their presentation in different formats;
M24-LIS-407.2	Use standard data analysis platforms and present data in different forms;
M24-LIS-407.3	Prepare write-ups using editing tools; and
M24-LIS-407.4	Use reference management and plagiarism detection tools.

Credits	**Theory**	**Practical**	**Total**
	0	4	4
Teaching Hours per week	0	8	8
Internal Assessment Marks	0	30	30
End Term Exam Marks	0	70	70
Max. Marks	0	100	100
Examination Time		3 Hours	

Part B –Contents of the Course		

Instructions for Paper Setter: The paper is divided into two parts-A & B. The internal examiner shall apprise the external examiner about specific tools used during teaching.

Unit	Topics	Contact Hours
	Part-A (40 Marks)	
I	**Introduction to Research Tools** – Web-based Questionnaires/Checklists-Google Forms/Survey Monkey	40

II	**Data Collection & Analysis Tools**
	   − Data Analysis Tools-SPSS/R
	   − Data Presentation Tools-VOS Viewer
			30

	Part-B (30 Marks)		

III	**Writing and Editing Tools**
	   − Writing and Paraphrasing Tools-Grammarly
	   − Artificial Intelligence Tools
			20

IV	**Web-based Citation & Plagiarism Detection Tools**
	   − Reference Management Tools-Zotero/Mendley
	   − Plagiarism Detection Tools-Turnitin/Drillbit
	   − Artificial Intelligence Tools
			30

	Total Contact Hours		**120**
	Suggested Evaluation Methods		
Internal Assessment: 30		**End Term Examination: 70**	
• Class Participation	5	Practicum Examination	
• Seminar/presentation/assignment/quiz/class test etc.	10		
• Mid-Term Exam	15		
Part C – Learning Resources			
Recommended Books: The concerned faculty member will provide a list of books.			

Mapping Matrix of Course M24-LIS-407

Table 407.1: CLO-PLO Matrix

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-407.1	2	2	3	3	3	3	1	3	3
M24-LIS-407.2	2	2	3	3	3	3	1	3	3
M24-LIS-407.3	2	2	3	3	3	2	1	3	3
M24-LIS-407.4	2	2	3	3	3	3	3	3	3
Average	**2**	**2**	**3**	**3**	**3**	**2.75**	**1.5**	**3**	**3**

Table-4: PLO MAPPING

Course Code	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-301	2.75	2.25	3	2.5	3	2	1.75	2.25	3
M24-LIS-302	3	2.25	3	2.75	3	3	2.25	2.5	2.5
M24-LIS-303	3	2.5	2.25	2	2	2.25	1.25	1.25	1.75
M24-LIS-304	3	3	2	2	2	2	2.25	3	2.25
M24-LIS-305	3	3	3	3	3	2.5	1.75	2	1
M24-LIS-306	2	2	3	3	3	2	1	2	3
M24-LIS-307	3	3	3	2	2.75	3	1	2	3
M24-OEC-330	3	3	3	2	3	2	1.75	2	1
M24-LIS-401	3	3	3	2	2.75	3	1	2	3
M24-LIS-402	3	2.25	3	2.75	3	3	2.25	2.5	2.5
M24-LIS-403	3	3	2.5	1.75	2.75	2.5	1	2	1.75
M24-LIS-404	3	3	3	3	3	3	2.25	2.5	2.5
M24-LIS-405	3	3	2.5	2.5	2.75	2.5	2	2.25	2.75
M24-LIS-406	2	2	3	2.5	3	2	1	2	3
M24-LIS-407	2	2	3	3	3	2.75	1.5	3	3

CLO-PLO MAPPING

Attainment of CLOs:
The attainment of COs will be measured on the basis of the results of Internal Assessment and end Semester Examination. The attainment is measured on scale of 3 as per the target for CLOs attainment.

Following table shows the CLO attainment levels at the set target of 60%.

Table-5: CLO Attainment Levels for Internal Assessment

Attainment Level	Description
1 (low level of attainment)	60% of students score more than 60% or higher grade in Class Tests/Assignments of **M.Lib.I.Sc.** course.
2 (Medium level of attainment)	70% of students score more than 60% or higher grade in Class Tests/Assignments of **M.Lib.I.Sc.** course.
3 (High level of attainment)	80% of students score more than 60% or higher grade in Class Tests/Assignments of **M.Lib.I.Sc.** course.

The questions in tests/assignments for Internal Assessment will be based on CLOs. Class Test-I/Assignment-I will be based on first two CLOs (**e.g. M24-LIS-101.1 and M24-LIS-101.2 in case of Foundations of Library and Information Science**) with equal weightage given to both CLOs. Similarly, Class Test-II/Assignment-II will be based on next two CLOs (**e.g. M24-LIS - 101.3 and M24-LIS-101.4 in case of Foundations of Library and Information Science**) with equal weightage given to these two CLOs. For each Internal Assessment Test/Assignment, the percentage of students attaining the target level of CLO will be estimated and averaged percentage will decide the attainment level of CLOs. Following steps will be taken for determining the attainment level in Internal Assessment of **M.Lib.I.Sc.** course:

(i)   The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test–I/Assignment-I will be estimated based on first CLO e.g. **M24-LIS-101.1.**
(ii) The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test–I/Assignment-I will be estimated based on second CLO e.g. **M24-LIS-101.2.**
(iii) The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test–II/Assignment-II will be estimated based on third CLO e.g. **M24-LIS-101.3.**
(iv) The %age of students scoring set target i.e. 60% marks or more in the question(s) of Test–II/Assignment-II will be estimated based on fourth CLO e.g. **M24-LIS-101.4.**
(v)   The average of the percentages obtained above will be calculated.
(vi) The attainment level i.e. 3, 2 or 1 will be determined as per scale defined in **the above table**.

For determination of attainment levels for End Semester Examination, it is considered that the questions in the End Term Examination will be based on all CLOs of MLIS courses. Attainment levels for End Semester Examination of MLIS will be determined after the declaration of the results. The CLO attainment levels for End Semester Examination are given **in the following Table-6:**

Table-6: CLO Attainment Levels for End Semester Examination (ESE)

Attainment Level	Description
1 (Low level of attainment)	60% of students obtained letter grade of B+ or above.
2 (Medium level of attainment)	70% of students obtained letter grade of B+ or above.
3 (High level of attainment)	80% of students obtained letter grade of B+ or above.

Overall CLO Attainment level of M.Lib.I.Sc. course:

The overall CLO attainment level of the course will be obtained as:

Overall CLO attainment level = 50% of CLO attainment level in Internal Assessment + 50% of CLO attainment level in End Semester Examination.

The overall CLOs attainment level will be obtained for all the courses of the programme in a similar manner.

Attainment of PLOs:

The overall attainment level of PLOs will be based on the values obtained using direct and indirect methods in the ratio of 80:20. The direct attainment of PLOs is obtained through the attainment of CLOs. The overall CLO attainment value as estimated above and CLO-PLO mapping value as shown in **Table 7** will be used to compute the attainment of PLOs. PLO attainment values obtained using direct method will be written as shown **in the following Table-10:**

Table-7: PLO Attainment Values using Direct Method

CLO	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
M24-LIS-301									
M24-LIS-302									
M24-LIS-303									
M24-LIS-304									
M24-LIS-305									
M24-LIS-306									
M24-LIS-307									
M24-OEC-330									
M24-LIS-401									
M24-LIS-402									
M24-LIS-403									
M24-LIS-404									
M24-LIS-405									
M24-LIS-406									
M24-LIS-407									

\

The PLO attainment values to be filled in above table can be obtained as follows:
For M24-LIS-101-PLO1 Cell:
PLO1 attainment value = (Mapping factor of **M24-LIS -101**-PLO1 from **Table 4** × Overall CLO attainment value for the course **M24-LIS -101**)/3
For M24-LIS -101-PLO1 Cell:
Similarly, values for each cell **of the above Table-7** can be obtained. The direct attainment of PLOs is average of individual PLO attainment values.
In order to obtain the PLO attainment using indirect method, a student exit survey based on the questionnaire of PLOs will be conducted at end of last semester of the program. The format for the same is given **in the following Table-8**. Average of the responses from the outgoing students for each PLO will be estimated. The overall PLO attainment values are obtained by adding attainment values estimated using direct and indirect methods in the proportion of 80:20 as follows:

Overall attainment value for PLO1 =
$0.8 \times$ average attainment value for PLO1 using direct method **(from Table 4)** +
$0.2 \times$ average response of outgoing students for PLO1
Similarly, overall attainment value can be obtained for each PLO.

Table-8: Questionnaire for indirect measurement of PLO attainment (For outgoing students)

At the end of my degree programme I am able to do:

Programme Outcome			Please tick any one		
PLO1	Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to Library and Information Science.	3	2	1
PLO2	General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the field of Library and Information Science.	3	2	1
PLO3	Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks indifferent domains of Library and Information Science.	3	2	1
PLO4	Communication Skills	Effectively communicate the attained skills of Library and Information Science in well-structured and productive manner to the society at large.	3	2	1
PLO5	Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Library and Information Science or otherwise.	3	2	1
PLO6	Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of Library and Information Science enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.	3	2	1
PLO7	Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.	3	2	1

PLO8	Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s)that requires new/strategic approaches.	3	2	1
PLO9	Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.	3	2	1
	3: Strongly Agree; 2: Agree; 1: Average				

Overall PLO attainment values can be written as shown **in the following Table-9:**

Table-9: Overall PLO attainment Values

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
Direct PLO attainment									
Indirect PLO attainment									
Overall PLO attainment									
Target	2	2	2	2	2	2	2	2	2

The overall PLO attainment values obtained above are compared with set target. The set target for each PLO may be different and will be finalized by the staff councils of the departments/institutes. If overall PLO attainment value is less than the set target value then an action plan may be prepared for improvement in the subsequent academic session.

The overall PLO attainment level based on CLO-PLO mapping values and overall CLO attainment values will be obtained in a similar manner.