Syllabus Outline for examination to be held in December 2024, 2025 & 2026 & May 2025, 2026 & 2027

Master of Library and Information Science (M.Lib.I.Sc.)

First & Second Semester

Post Graduate Department of
Library and Information Science
University of Jammu
Jammu

Master of Library & Information Science - First Semester Examination to be held in December 2024, 2025 & 2026

M.Lib.I.Sc. Programme

The following courses of study are prescribed in the First and Second Semesters of the M.Lib.I.Sc. Programme, for the Session December 2024, 2025 & 2026 and May 2025, 2026 & 2027

First Semester Courses

Course Code	Title of the Course	Max. Marks/ Credits
ML-101	Research Methodology	100/ 6
ML-102 (A)	Library Automation (Theory)	50/ 3
ML-102 (B)	Library Automation (Practical)	50/ 3
ML-103	Advanced Knowledge Organization (Theory)	100/ 6
ML-104	Bibliographic Database and Information Retrieval	100/ 6
ML-105	Library Metrics	50/ 3

Total Marks/Credits: 450/ 27

Second Semester Courses

Course Code	Title of the Course	Max. Marks/ Credits
ML-106 (A)	Digital Libraries (Theory)	50/ 3
ML-106 (B)	Digital Libraries (Practical)	50/ 3
ML-107	Information Literacy & User Studies	100/6
ML-108 (A)	Knowledge Organization (Cataloguing Practical): CCC	50/3
ML-108 (B)	Knowledge Organization (Classification Practical): UDC	50/3
ML-109 Elective:	**(A)** Information Sources and Products in Science and Technology **Or** **(B)** Information Sources and Products in Agricultural Sciences **Or** **(C)** Information Sources and Products in Social Sciences **Or** **(D)** Dissertation	100/ 6
ML-110	Library Internship	50/ 3

Total Marks/Credits: 450/ 27

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

The following courses of study are prescribed in the First Semester of M.Lib.I.Sc. Programme for the session December 2024, 2025 & 2026.

First Semester Courses

Course Code	Title of the Course	Max. Marks/ Credits
ML-101	Research Methodology	100/ 6
ML-102 (A)	Library Automation (Theory)	50/ 3
ML-102 (B)	Library Automation (Practical)	50/ 3
ML-103	Advanced Knowledge Organization (Theory)	100/ 6
ML-104	Bibliographic Database and Information Retrieval	100/ 6
ML-105	Library Metrics	50/ 3

Total Marks/Credits: 450/ 27

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-101
Research Methodology

Credits: 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination: 80 Marks
Internal Assessment: 20 Marks

Objectives:

- To familiarize with basic concepts of research, various types, methods design of research in the field of library and information science.
- To develop basic understanding of various statistical techniques applicable in the field of library and information science for descriptive/inferential analysis.

Learning outcomes:

The student will be able to:

- Understand the Concept and Need of Research Methods in a Discipline
- Understand Ethical Issues related to Research
- Collect Data using different methods of Data collection
- Analyze and present the Data for meaningful inferences
- Use of Referencing Styles

Unit- I

Research: Theory, Types, Process
Research Methods: Descriptive, Historical, Case study, Spiral of Scientific Method
Research Problem: Formulation

Unit- II

Hypothesis: Definition, Formulation and Types
Research Design: Need, Purpose and Types
Sampling Techniques: Steps and Types
Data Collection Tools: Interview, Observation and Questionnaire

Unit- III

Measurement and Scaling: Tools and Techniques
Data Analysis-1: Measure for Central Tendency: Mean, Median and Mode, Dispersion: Range Variance & Standard Deviation
Data Analysis-2: Correlation and Regression Analysis, Hypothesis Testing: T test, Z test, ANOVA
Statistical Packages (SPSS, MS Excel) and Data Presentation

Unit- IV

Interpretation, Generalization, Theory Building (Model, Theories, and Paradigm), Technique and Precaution of Interpretation
Writing Research Report: Types, Layout and Significance of Report Writing
Referencing Styles: APA 6th Edition
Plagiarism: Ethics, Issues and Challenges

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-101
Research Methodology

Instructions for paper-setters / examiners and candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings

⇔ Ahuja, R. (2005). *Research methods.* New Delhi: Rawat Publications.

⇔ Alvenson, M., & Skoldberg, K. (2009). *Reflexive methodology: New vistas in qualitative research.* (2nd ed.). London: Sage Publication.

⇔ Baker, L. (2006). *Research methods.* U.S.A: John Hopkins University Press.

⇔ Balasubramanian, P., & Baladhandayutham, A. (2011). *Research Methodology in Library Science*. New Delhi: Deep & Deep.

⇔ Connaway, L. S. & Powell, R. R. (2010). *Basic Research Methods for Librarians*. (5th ed.). Santa Barbara, CA: Libraries Unlimited.

⇔ Daland, H. D. (2016). *New roles for research librarians: Meeting the expectations for research support.* London: Chandos Publishing.

⇔ Denzin, N. K. & Lincoln, Y. S. (Eds.) (2017). *The SAGE Handbook of Qualitative Research*. (5th Ed.). London: SAGE

⇔ Devarajan, G. (2002). *Research in Library and Information Science*. New Delhi: EssEss Publications.

⇔ Dhanavandan, S. (2017). *Research Methodology for Libraries: Tools & Techniques*. New Delhi: Dominant Publishers.

⇔ Goddard, W., & Melville, S. (2011). *Research methodology*. Kenwyn, South Africa: Juta & Co.

⇔ Gupta, S. C. (2007). *Fundamental of statistics*. New Delhi: Himalaya.

⇔ Gupta, S. P. (2004). *Statistical methods*. New Delhi: S. Chand.

⇔ James, T., & Mc-Clave. (2005). *First course in statistics*. (9th ed.). New Delhi: Prentice Hall.

⇔ Khanna, J. K., & Khurana, S. (2008). *Handbook of research methodology*. Agra: Y.K. Publishers.

⇔ Kothari, C. R. (2004). *Research methodology: Methods & techniques*. New Delhi: New Age Publishers.

⇔ Kothari, C. R. & Garg, G. (2019*). Research methodology: Methods and techniques*. New Delhi: New Age International Publishers.

⇔ Thakur, D. (2008). *Research methodology in social sciences*. New Delhi: Deep & Deep Publications.

⇔ Upson, M. (2015*). Information Now: A graphic Guide to Student Research*. Chicago: The University of Chicago Press Books.

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-102 (A)
Library Automation (Theory)

Credits: 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination: 40 Marks
Internal Assessment: 10 Marks

Objectives:

- To make student learn the concept of Library Automation and Database Management System

Learning outcomes

The student will be able to:

- Comprehend Object Identification Technologies
- Automate the Library Activities
- Comprehend the concept of Database Management System

Unit- I

Library Automation: An Overview
Library Automation Software: Types & Features
Selection and Evaluation Criteria of Automation Software
Object Identification Technologies: RFID, QR Code, Bio-Metric

Unit- II

DBMS: Definition, Concept
DBMS: Components and Types
Database Structure: Logical Data Structure, Physical Data Structure
Database Management System Models: Structure – Hierarchical and Relational and Object Oriented

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into two units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **10 marks** and will comprise of 2 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **30 marks** and will comprise of 2 long answer type questions **with internal choice** one from each of the Units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

- Tiwari, P. (2010). *Library Automation*. New Delhi: APH Publishing Corporation.
- Bilal, D. (2014). *Library Automation: Core, Concepts and Practical Systems Analysis*. (3rd Ed.). Libraries Unlimited Inc.
- Kahate, A. (2004). *Introduction to Database Management Systems*. Pearson India.
- Oxborrow, E.A. (1991). *Databases and database systems: Concepts and issues*. Bromley: Chartwell Bratt.
- William, J. (1992). *Database Design and Construction: An open learning course for students and information managers*. London: Library Association.

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-102 (B)
Library Automation (Practical)

Credits: 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination: 40 Marks
Internal Assessment: 10 Marks

Objectives:

- To have a hands-on practice on Web designing, automation software and file sharing

Learning outcomes

The student will be able to:

- Learn Webpage designing
- Learn Installing, configuring and using KOHA
- Learn Subscribing RSS Feeds
- Learn to Share Files between Computers

Unit- I

Webpage designing using HTML Code
KOHA: Installation and Configuration

Unit- II

Subscribing RSS Feeds through Online Aggregator or Desktop Aggregator in Libraries
Sharing Files between Computers

Instructions for paper-setters / examiners and candidates

- The syllabus is divided into two units.
- The practical examination will be conducted jointly by invited external examiner and the internal examiner.
- The candidates will be required to pass separately in practical examination and internal assessment examination.

Recommended Readings:

- Devika, P. M. (2003). Introduction to XML and HTML. In: PGDLAN course material, MLI-006, Unit 8. New Delhi: Indira Gandhi National Open University.
- Devika, P.M. (2003). Web based content development. In: PGDLAN course material, MLI-006, Unit 9. New Delhi: Indira Gandhi National Open University.
- Powell, T. A. (2000). The HTML complete reference. (2nd ed.). New Delhi: Tata McGraw Hill.
- Robbins, J.N. (2012). *Learning Web Design: A Beginners Guide to HTML, CSS, JavaScript, and Web Graphics (4th ed)*. Cambridge: O'Reilly. ISBN: 9781449319274
- HTML Tutorial. Link: https://www.w3schools.com/html/default.asp
- Koha Library Software. Link: https://koha-community.org/

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-103
Advanced Knowledge Organization (Theory)

Credits: 6 **Max. Marks: 100**
Duration of Exam: 3 Hours **Semester Examination: 80 Marks**
Internal Assessment: 20 Marks

Objectives:

- To make students acquainted with advanced Library Classification and Library Cataloguing
- To make students acquainted with recent trends in Library Classification and Cataloguing
- To acquaint with the principles, standards, techniques of Knowledge Organization in libraries particularly with reference to Classification and Cataloguing.

Learning Outcomes:

The student will be able to:

- Assimilate the recent advancements in Library Classification
- Learn in detail about Machine Readable Cataloguing formats and related bibliographic standards

Unit- I

Structure and Attributes of Universe of Knowledge
Growth of Knowledge and its Impact on Library and Information Centers
Structure and Features of Universal Decimal Classification (UDC)

Unit- II

Role of CRG, ISKO, DRTC, and BSO in the field of Library Classification
Comparative Study of Standards Schemes of Classification: CC & UDC
Modes of Formation of Subjects
Trends in Classification: Automatic and Online Classification System
Ontologies

Unit- III

Cataloguing of Indic Names
Online Computer Library Centre (OCLC)
Recent trends in the field of Cataloguing: World-Cat, Ind-Cat
Online Public Access Catalogue (OPAC) and Web-OPAC

Unit- IV

ISBD, AACR2, RDA; FRBR
MARC: Overview; MARC family of Formats, MARC- XML, MARC21, UNIMARC
Metadata and Metadata Standards: Dublin Core

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-103
Advanced Knowledge Organization (Theory)

Instructions for Paper-Setters / Examiners and Candidates:

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - ❖ **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - ❖ **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

⇔ American Library Association, et al. (1998). *Anglo American Cataloging rules*, Rev. Ed., London, Library Association,

⇔ Batley, S. (2014). *Classification in Theory and Practice*.

⇔ Bowman, J. H. (2003). *Essential cataloguing*, London: Facet Publishing.

⇔ Cutter. C. A. *Three Figure Author Table*. Available online at: http://www.columbia.edu/cu/libraries/inside/units/bibcontrol/osmc/cutter.html.

⇔ OCLC. (2008). *Web-Dewey*. Dublin, Ohio: OCLC Forest Press.

⇔ Hunter, E. J. & Bakewell, K. G. B. (1989). *Advanced cataloging*. London: Clive Bingley.

⇔ Kumar, G. & Krishna Kumar. (1993). *Theory of Cataloguing*. New Delhi: South Asia Books.

⇔ Kumbhar, R. (2011). *Library Classification Trends in the 21st Century*. Burlington: Elsevier Science.

⇔ Miller, J. Ed. *Sear's List of Subject Headings*. (15th Ed.). New York, Wilson, 1994

⇔ Read, J. (2003). *Cataloguing Without Tears: Managing Knowledge in the Information Society*. Oxford: Chandos Publishing,

⇔ Husain, S (2004). *Library Classification: Facet and Analysis*. (2nd Ed.) Delhi: B. R. Publishing Corporation.

⇔ Wilson, K. A. & Marylou, C. (Eds.) (1997). *Outsourcing Library Technical Services Operations: Practices in Academic, Public, and Special Libraries*. Chicago: ALA.

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-104
Bibliographic Database & Information Retrieval

Credits- 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination: 80 Marks
Internal Assessment: 20 Marks

Objectives:

- To acquaint with various Databases.
- To know problems of Information Retrieval
- To learn modern practices of Information Retrieval

Learning Outcomes:

Students will be able to:

- Analyze the subject for meaningful Retrieval
- Understand and Evaluate models of Information Retrieval
- Realize the Man Machine Interaction
- Comprehend the Applications of Information Retrieval
- Understand the architecture of Web-based information retrieval

Unit- I

Introduction and concept of Online Databases
Definition and Characteristics of Online Databases
Types of Databases (including web of science, LISA, Scopus, and ICI)
Bibliographic Databases and various Search Strategies

Unit- II

Fundamentals of Retrieval Systems: Nature and Characteristics
Problems of Subject Analysis & Knowledge Representation: Contribution of Cutter, Kaiser, Ranganathan, Farradane & Coates
Rule-based, Frame-Based and Semantic Web Methods of Knowledge Representation

Unit- III

IR Models: Cognitive, Probabilistic, etc.
IR Performance Evaluation
Web-Based Retrieval with Reference to Search Tools, and XML Retrieval
Data Mining
Semantic Web, Linked Data & Big Data

Unit- IV

Abstracting: Definition, Types and Principles of Abstracting
Subject Indexing: Concept & Development
Assigned Indexing: Pre-Coordinate and Post Coordinate Indexing
Derived Indexing: KWIC, KWOC, and Citation Indexing

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-104
Bibliographic Database & Information Retrieval

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

⇔ Chodhury, C.G. (2004). *Introduction to modern information retrieval.* (2nded.). London: Facet Pub.

⇔ Chu, S.K.W., & Law, N. (2006). *Development of information search expertise: Research students' knowledge of source types. Journal of Librarianship and Information Science,* 39 (1), 27- 40.

⇔ Cleveland, D. B., & Cleveland, A. D. (1990). *Introduction to indexing and abstracting.* (2nded.). USA: University of Michigan.

⇔ Cruz, A. M. R., & In Cruz, M. E. F. (2019). New perspectives on information systems modeling and design.

⇔ Dhawan, K.S. (1997). *Principles of information retrieval.* New Delhi: Commonwealth

⇔ Foskett, A.C. (1996*). The subject approach to information* (5th ed.). London: Library Association.

⇔ Harman, D. K. (2011). *Information retrieval evaluation.* San Rafael, Calif. (1537Fourth Street, San Rafael, CA 94901 USA: Morgan & Claypool.

⇔ International Conference on Multi-Media Modeling, & In Cheng, W.-H. (2020). *Multimedia modeling: 26th International Conference, MMM 2020, Thessaloniki, Greece, January 8-11, 2019, proceedings.*

⇔ Jones, K. S. (1981*). Information retrieval experiment.* London: Butterworth.

⇔ Kiewitt, E. L. (1979*). Evaluating information retrieval systems: The probe program.* London: Greenwood.

⇔ Lancaster, F.W. (2003*). Indexing and abstracting in theory and practice* (3rded.). London: Facet Pub.

⇔ Meadow, C. T. (1967). *The analysis of information systems.* New York: John Wiley.

⇔ Rajan, T. N. (1981). *Indexing systems: Concepts, models & techniques.* Calcutta: IASLIC.

⇔ Ranganathan, S. R. (1973). *Documentation: Genesis and development.* Delhi: Vikas Publishing.

⇔ Riaz, M. (1991). *Advanced indexing and abstracting.* New Delhi: Atlantic

⇔ Rijsbergen, J. V. (1979). *Information retrieval* (2nd ed.). London: Butterworths.

⇔ Smiraglia, R. P. (2002*). Works as entities for information retrieval.* New York: Haworth.

⇔ Vickery, B.C. (1970). *Techniques of information retrieval.* (2nd ed.). London: Butterworth.

⇔ Warner, J. (2010). *Human information retrieval. Cambridge, Mass: MIT Press.*

⇔ Wessel Andrew, E. (1974). *Computer aided information retrieval.* Los Angeles: Melville Publishing.

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML-105
Library Metrics

Credits- 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination: 40 Marks
Internal Assessment: 10 Marks

Objectives:

- To recognize the occurrence of the phenomena in other subject fields as well
- To understand the scope of Bibliometrics and Scientometrics, etc.
- To perform citation analysis, impact factor, etc.

Learning Outcomes:

Students will be able to:

- Apply the Scientometric approach to science
- Formation of Scientometrics maps of literature
- Apply Bibliometrics laws to identify the core journals in a subject
- Understand the phenomenon of Informetrics, webometrics, and altmetrics

Unit- I

Bibliometrics, Scientometrics, Informetrics: concepts, evolution and present status
Bibliometric Laws: Bradford, Zipf, Lotka and their Utility and Application
Webometrics and Altmetrics: Concept and Present Status
Citation analysis, Bibliographic Coupling, Obsolescence, Impact factor

Unit- II

Measuring of Scientific productivity: Problems and Prospects
Growth and Obsolescence Study of Literature
Science and Technology Indicators: A tool for Policy and Decision Makers
Approach to modeling in Scientometrics and Informetrics.

Instructions for paper-setters / examiners and candidates

- The syllabus is divided into two units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **10 marks** and will comprise of 2 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **30 marks** and will comprise of 2 long answer type questions **with internal choice** one from each of the Unit and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

⇔ Baruah, A. (2004). *Library science: Prospects in 21st century*. New Delhi: Kilaro-Books.
⇔ Borgman, C. L. (1990). Scholarly communication and bibliometrics. Newbury Park: Sage Publications.
⇔ Dhawan, K.S. (2001). *Reading in library science*. New Delhi: Commonwealth. 2.

Master of Library & Information Science - First Semester
Examination to be held in December 2024, 2025 & 2026

Course Code: ML 105
Library Metrics

- Glänzel, W., In Moed, H. F., In Schmoch, U., & In Thelwall, M. (2019). *Springer handbook of science and technology indicators.*
- Kawatra, P.S. (2000). *Textbook of information science*. New Delhi: A.P.H. Publishing.
- Melntosh, J. *Library and information sciences: Parameters and perspectives.* Canada: Apple Academic Press.
- Raju, N. G. (2009). *Bibliometric applications: Study of literature, use patterns.*
- Rubin, Herbert& Irene. (2004). *Qualitative interviewing: Theart of hearing data.* USA: Sage.
- Sardana, J.L., (2002). *Libraries and information studies in retrospect and prospect: Essay in honour of D. R. Kalia.* New Delhi: Concept publishing company.
- Sugimoto, C. R. (2016). *Theories of Informetrics and Scholarly Communication.*

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

The following courses of study are prescribed in the Second Semester for the M.Lib.I.Sc. Programme Session May 2025, 2026 & 2027

Second Semester Courses

Course Code	Title of the Course	Max. Marks/ Credits
ML-106 (A)	Digital Libraries (Theory)	50/ 3
ML-106 (B)	Digital Libraries (Practical)	50/ 3
ML-107	Information Literacy & User Studies	100/6
ML-108 (A)	Knowledge Organization: CCC (Practical)	50/3
ML-108 (B)	Knowledge Organization: UDC (Practical)	50/3
ML-109 Elective:	(A) Information Sources and Products in Science and Technology Or (B) Information Sources and Products in Agricultural Sciences Or (C) Information Sources and Products in Social Sciences Or (D) Dissertation	100/ 6
ML-110	Library Internship	50/ 3

Total Marks/Credits: 450/ 27

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-106 (A)
Digital Libraries (Theory)

Credits: 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination: 40 Marks
Internal Assessment: 10 Marks

Objectives:

- To make student learn the concept of Digital Library and Digitization
- Describe the concept of Metadata
- To discuss different Retrieval Protocols

Learning outcomes

The student will be able to:

- Comprehend Digitization and procedure of Digitization
- Explain the role of Metadata in Object Retrieval
- Comprehend the concept of Digital library

Unit- I

Introduction to Digital Library: Conceptual Framework and Architecture
Digital Library Services
Digital Library: Procedure and Implementation; IPR issues
Digital Library Software
Digital Preservation

Unit- II

Digitization: Concept, Need, Procedure and Equipment
Metadata: Types and Applications
Institutional Repositories: Concept, Objectives and Development
Retrospective Conversion
Web 2.0 services in libraries

Instructions for paper-setters / examiners and candidates

- The syllabus is divided into two units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **10 marks** and will comprise of 2 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **30 marks** and will comprise of 2 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-106 (A)
Digital Libraries (Theory)

Recommended Readings:

- Arms, W. Y. (2000). *Digital libraries*. Cambridge, MA: The MIT Press.
- Chowdhury, G.G. & Chowdhury, S. (2002). *Introduction to Digital Libraries*. Facet Publishing. ISBN: 9781856044653
- Chowdhury, G.G. & Foo, S. (2012). *Digital Libraries and Information Access: Research Perspectives.* Facet Publishing. ISBN: 9781856048217
- Bulow, A.E. & Ahmon, J. (2011). *Preparing Collections for Digitization*. Facet Publishing. ISBN: 9781856047111
- Deegan, M. & Tanner, S. (2006). *Digital Preservation.* Facet Publishing. ISBN: 9781856044851
- Hughes, H. (2003). *Digitizing Collections: Strategic Issues for the Information Manager*. Facet Publishing. ISBN: 9781856044660
- Haynes, D. (2018). *Metadata for Information Management and Retrieval: Understanding Metadata and its Use*. Facet Publishing. ISBN: 9781856048248
- Zeng, M.L. (2016). *Metadata (2nd ed.)*. Facet Publishing. ISBN: 9781783300525
- Miller, S.J. (2011). *Metadata for Digital Collections: A how-to-do-it manual*. Facet Publishing. ISBN: 9781856047715
- Bradely, P. (2013). *How to use Web 2.0 in your Library*. Facet Publishing. ISBN: 9781856048620

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-106 (B)
Digital Libraries (Practical)

Credits: 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination:40 Marks
Internal Assessment:10 Marks

Objectives:

- To have a hands-on practice of Digital Library Software and Database Creation Using given DBMS

Learning outcomes

The student will be able to:

- Learn DBMS
- Learn to create Digital Libraries and Institutional Repositories

Unit - I:

Installing, Configuring and using the given Digital Library software: D-Space/ GSDL

Unit - II:

Database Creation Using MySQL

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into two units.
- The practical examination will be conducted jointly by invited external examiner and the internal examiner.
- The candidates will be required to pass separately in practical examination and internal assessment examination

Recommended Readings:

- D-Space. Link: https://duraspace.org/dspace/
- Naik, P.G. & Naik, G.R. (2019). *Creating and Managing Institutional Repository using DSpace.* Educreation Publishing. ISBN: 9789353730031
- Bulow, A.E. & Ahmon, J. (2011). *Preparing Collections for Digitization.* Facet Publishing. ISBN: 9781856047111
- MySQL. Link: https://dev.mysql.com/
- Stokes, D. (2018). *MySQL and JSON: A practical programming guide.* McGraw- Hill Education. ISBN: 9781260135442
- Abbott,A.(2014). *Digital paper: A manual for research and writing with library and internet material.* Chicago: The University of Chicago Press Books.
- Breeding, M. (2012). *Cloud Computing for Librarians.* Chicago: Neal-Schuman Publishers.
- England,L.A.,&Miller,S.P. (2016). *Maximizing electronic resource management in library.* London: Chandos Publishing.
- IGNOU, PGDLAN, MLII-001.
- Geenstone Digital Library Software. Link: https://www.greenstone.org/
- Witten, I. H., Boddie, S., & Thompson, J. (2006). *Greenstone Digital Library User's Guide.* New Zealand: New Zealand Digital Library Project.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-107
Information Literacy and User Studies

Credits: 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination:80 Marks
Internal Assessment:20 Marks

Objectives:

- To acquaint with the basic concept of Information Literacy and its theories.
- To develop skills for launching Information Literacy Programme in the communities.

Learning Outcomes:

The student will be able to:

- Understand the Users and identify their actual needs and expressed needs
- Be acquainted with different methods of user studies
- Understand Information Literacy Needs and Models
- Design Information Literacy Programme to make user information literate

Unit- I:

Information Literacy: Concept, Need, Objectives, Skills and Competencies
Media Information Literacy and Digital Information Literacy
Information Literacy: National and International scenario
Role of Information Literacy in society, Trends and Challenges

Unit- II:

Information Literacy Models (Big 6, CILIP Information Literacy Model and Six Frame for Information Literacy)
Information Literacy Standards (Seven Pillars of Information Literacy and ACRL Framework for Information Literacy for Higher Education)
Information Literacy Standards (AASL Standard framework, Standards for Libraries in Higher Education, IFLA standards)

Unit- III:

Assessment of Information Literacy Skills: Need, Levels and Types
Planning Information Literacy Instructions: Process, Selection,
Designing Information Literacy instructions: Modes (Products) and Management
Information Literacy Instructions
Implementing Information Literacy Programme

Unit- IV:

User Studies: Scope and Content
Types of Users
User Studies Techniques– Scenario Analysis, Interaction Analysis, Delphi Method, Repertory Grid
Evaluation of User Studies

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-107
Information Literacy & User Studies

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

- Acadia University. (2010). *Information literacy*. Wolfville, N.S: Vaughan Memorial Library, Acadia University.
- Blanchett,H., Powis,C.,&Webb,J.(2011*). A guide to teaching information literacy*. UK: Facet Publishing.
- Eisenberg, M. B. (2004). *Information Literacy: Essential Skills for the Information Age*. (2nded.). Westport: Libraries Unlimited.
- Gibson, C. (2006). *Student Engagement and Information Literacy*. Chicago: Association of College and Research Libraries, American Library Association.
- Godwin,P.,&Parker,J.(Eds.).(2012). *Information Literacy beyond library 2.0*. UK: Facet Publishing.
- Grassian, E. S. & Kaplowitz, J. R. (2001). *Information Literacy Instruction: Theory and Practice*. New York: Neal-Schuman.
- Grassian,E. S. (2005). *Learning to Lead and Manage Information Literacy Instruction*. Neil Schuman Publishers, New York.
- Loftis, E., & Lynda.com (Firm). (2015). *Information Literacy*.
- Mackey, T.P., & Jacobson,T.E. (2014). *Metaliteracy: Reinventing information literacy to empower learners*.UK: Facet Publishing.
- Rockman, I.F , & Breivik,P.S.(2004). *Integrating information literacy into the higher education curriculum: Practical Models for transformation*. Jossey-Bass: Willey.
- Secker, J., & In Coonan, E. (2013). Rethinking information literacy: A practical framework for supporting learning. London: Facet Publishing.
- Walsh,J.(2011). *Information literacy instruction*. London: Chandos Publishing.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026& 2027

Course Code: ML-108(A)
Knowledge Organization:CCC (Cataloguing Practical)

Credits: 3
Duration of Exam: 2Hours
Internal Assessment: 10 Marks

Max. Marks: 50
Semester Examination: 40 Marks

Objectives:

- To acquaint with the techniques involved in cataloguing of documents according to CCC
- Cataloguing of Documents according to CCC

Learning Outcomes:

The student will be able to:

- Use the catalogue code
- Prepare catalogue entries for various types of documents

Unit- I

Introduction to CCC
Documents with Single Authorship
Documents with Multiple Authorship
Documents with Editor
Documents with Pseudonyms

Unit- II

Multiple Volume Works
Documents published under Series Document
Serial publications
Uniform titles

Instructions for Paper-Setters / Examiners and Candidates

The syllabus is divided into two units.

- Candidates shall be given **four** titles out of which they will be required to catalogue fully **two**title selecting one from each unit
- The candidates will be required to pass separately in practical and internal assessment examination.

Recommended Readings

- Bowman, J.H. (2003). *Essential cataloguing: The basics.*UK: facet publishing.
- Dhawan, K. S. (1997). *Online Cataloguing Systems*. New Delhi: Commonwealth Publishers.
- Nigam,D. (2019). *Cataloguing practice CCC and AACR-2R.*
- Ranganathan,S.R. (2006). *Classified catalogue code*. New Delhi: EssEss Publications.
- Sears. M. E. (2004). *Sears List of Subject Headings*. 20th ed. Edited by Joseph Miller. New York: H. W. Wilson.
- Viswanathan, C.G. (2008). *Cataloguing: Theory and Practice*. New Delhi: EssEss Publications.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-108 (B)
Knowledge Organization: UDC (Classification Practical)

Credits: 3
Duration of Exam: 2 Hours

Max. Marks: 50
Semester Examination: 40 Marks
Internal Assessment: 10 Marks

Objectives:

- To acquaint students with the techniques of Classifying Titles of Documents according to Universal Decimal Classification Schemes.
- To acquaint the students with the Book Numbering Techniques by using Cutter's Tables.

Learning Outcomes:

The student will be able to:

- Construct class numbers for documents with Simple, Compound and Complex subjects using the standard subdivisions/common isolates/auxiliary tables

Classification of documents according to Universal Decimal Classification Scheme (UDC) (Latest Available Edition)

Unit- I

Introduction, Structure and Notation
Definitions, Notes and Instructions
Classification of Documents: Simple Subjects
Classification of Documents: Compound and Complex Subjects

Unit- II

Classification of Documents: Use of Common Auxiliary Tables 1 a and 1 b
Classification of Documents: Use of Common Auxiliary Tables 1 c and 1 d
Classification of Documents: Use of Common Auxiliary Tables 1 e and 1 f
Classification of Documents: Use of Common Auxiliary Tables 1 g, 1 h and 1 k
Classification of Documents: Use of Main Tables

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into two units.
- The examination shall consist of one section and shall be of 40 marks and will comprise of twenty titles out of which the candidate will be required to classify ten titles each using Universal Decimal Classification (Latest Available edition). Each title carries 4 marks
- The candidates will be required to pass separately in theory and internal assessment examination

Recommended Readings:

⇔ Bose, H. (1987). *Universal Decimal Classification*. Bangalore: Sterling.
⇔ C. A. Cutter's Code (Latest Available Edition).
⇔ McIlwaine, I. C. (2007). *The Universal Decimal Classification*: A guide to its use. Hague: UDC Consortium.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-108 (B)
Knowledge Organization: Advanced Classification (Practical)

- Otlet, P., & Fontaine, H. L. (1961). *Universal Decimal Classification* (abridged 3rd rev. ed.). London: BSI.
- Satyananarayana, V.V.V. (1998). *Universal Decimal Classification: A Practical Primer*. New Delhi: EssEss Publications.
- Slavic, A., & UDC Consortium (The Hague). (2017). *Faceted classification today: Theory, technology and end users : proceedings of the International UDC seminar 2017, London, 14-15 September 2017*.
- Singh, K. P. (2013). *UDC: A Manual for Classification Practical and Information Resources*. New Delhi: Today & Tomorrow's Printers and Publishers.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (A)
Information Sources and Products in Science and Technology

Credits: 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination:80 Marks
Internal Assessment:20 Marks

Objectives:

- To understand the development of Natural Sciences and useful tools in accessing information.
- To familiarize National and International Information Systems pertaining to various Natural Sciences Programme.

Learning outcomes:
The student will be able to:

- Understand, identify, explore and evaluate different types of Information Sources, including e-Resources in Mathematics, Physics, Chemistry and Engineering
- Explore, collate and facilitate access to the electronic resources, such as e- Journals, e-Books, Databases and Digital Repositories
- Provide library services using sources such as Blogs, Portals, Wikis, Subject Gateways

Unit- I

Scope of Science and Technology
Mathematics: Scope, Growth and Development
Physics: Scope, Growth and Development
Chemistry: Scope, Growth and Development
Engineering and Technology: Scope, Growth and Development

Unit- II

Primary Sources of Information and their Evaluation (Mathematics, Physics, Chemistry and Engineering)
Secondary Sources of Information and their Evaluation (Mathematics, Physics, Chemistry and Engineering)
Grey Literature
Web Information Sources: Online Journals, Books, ETDs, Databases, Proceedings, etc.
Search Engines, Portals and Gateways in Science and Technology

Unit- III

Science and Technology Information Organization at National Level: DST, CSIR-NIScPR, INSA, etc.
Science and Technology Information Organization at International Level
Science and Technology Information System at National Level

Unit- IV

Information Analysis and Repackaging
Information Needs and Information Seeking Behavior of Science and Technology Professionals
Case Studies of Science and Technology Information Professionals

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (A)
Information Sources and Products in Science and Technology

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

⇔ Bhattacharya, G., & Gopinath, M. A. (Eds.). (1981). Information Analysis and Consolidation: Principles, Procedures and Products. In. *DRTC Annual Seminar* No. 18. Bangalore: DRTC.

⇔ Dampier, W. C. (1961). *History of science and its relations with philosophy and religion*. London: Cambridge University Press.

⇔ *Dietert, R. R., Dietert, J., & World Scientific (Firm). (2013). Science sifting: Tools for innovation in science and technology. Singapore: World Scientific Pub. Co.*

⇔ Grogan, D. (1982). *Science and Technology: Introduction to the Literature* (4thed.). London: Clive Bingley.

⇔ Kim, *K. J. (2015). Information science and applications.*

⇔ Lord, C. R. & Mathews, J. A. (2000). *Guide to information sources in engineering*. Colorado: Libraries unlimited.

⇔ Parker, C. C. & Turley, R. V. (2013). *Information sources in science and technology: A practical guide to traditional and online use*. (2nd Ed.). London: Butterworth.

⇔ Pour, M. K. (2017). *Encyclopedia of information science and technology*. (4th Ed.). New York: Information science reference.

⇔ Saracevic, T., & Wood, J. S. (1981). *Consolidation of Information: A handbook of evaluation, restructuring and repackaging of scientific and technical information*. Paris: UNESCO.

⇔ Seetharama, S. (1997). *Information consolidation and repackaging*. New Delhi: EssEss Publications.

⇔ Spangenburg, R., & Moser, D. K. (1994). *The History of Science in the 19th Century*. Hyderabad: University Press.

⇔ Tucker, M.A., & Anderson, N. D. (2004*). Guide to information sources in mathematics and statistics.* USA: ABC-CLIO.

⇔ UNESCO. (1975). *Study report on the role of information analysis centres in a world science network.* Paris: UNESCO.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (B)
Information Sources and Products in Agricultural Sciences

Credits: 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination:80 Marks
Internal Assessment:20 Marks

Objectives:

- To understand the development of Agricultural Sciences and its various tools useful in accessing information.
- To familiarize national and international information systems pertaining to various Agricultural Sciences Programme.

Learning outcomes:
The student will be able to:

- Understand, identify, explore and evaluate different types of Information Sources, including e-Resources in Horticulture, Agronomy, Soil Science and Entomology
- Explore, collate and facilitate access to the electronic resources, such as e- Journals, e-Books, Databases and Digital Repositories
- Provide library services using sources such as Blogs, Portals, Wikis, Subject Gateways

Unit- I

Scope of Agricultural Sciences
Horticulture: Scope, Growth and Development
Agronomy: Scope, Growth and Development
Soil Sciences: Scope, Growth and Development
Entomology: Scope, Growth and Development

Unit- II

Primary Sources of Information Sciences and their Evaluation (Horticulture, Agronomy, Soil Sciences)
Secondary Sources of Information and their Evaluation (Horticulture, Agronomy, Soil Science and Entomology)
Grey Literature and digital resources in the field of Horticulture, Agronomy, Soil Science and Entomology
Web Information Sources: Online Journals, Books, ETDs, Databases, Proceedings, etc.
Search Engines, Portals and Gateways in Agricultural Sciences

Unit- III

Agricultural Sciences Information Organization at National Level: ICAR, NAFRI
Agricultural Sciences Information Organization at International Level: FAO, GGAO
Agricultural Sciences Information System at National Level: ARIC and AGNIC
Agricultural Sciences Information System at International Level: AGRIS

Unit- IV

Information Analysis and Repackaging
Information Needs and Information Seeking Behavior of Science and Technology Professionals

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (B)
Information Sources and Products in Agriculture Sciences

Instructions for Paper-Setters / Examiners and Candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.
- The candidates will be required to pass separately in theory and internal assessment examination.

Recommended Readings:

⇔ Bhatt, V. S. (1989). *Information Resources in Agricultural Research in 40 Years of Agricultural Research in India*. New Delhi: ICAR.

⇔ Choteylal, C. (1998). *Agricultural Libraries and Information Systems: A Handbook for Users.* New Delhi: R K Techno Science Agency.

⇔ Daymath, Y., & Ruttan, V. W. (1979). *Agricultural Development: An International Perspective*. Baltimore: John Hopkins.

⇔ Deshmukh, P. P. (1990). *Standardization of Library and Information Services with Special Reference to Scientific and Agricultural Libraries*. New Delhi: ABC.

⇔ Deshmukh. P. P. (Ed) (1987). *Information Systems for Agricultural Sciences and Technology*. New Delhi: Metropolitan.

⇔ Eswara Reddy, D. B. (1976). *ICAR: History and Growth. New Delhi: Indian Council of Agricultural Research.*

⇔ FAO. (2018). *Status of implementation of e- Agriculture in central and eastern Europe and central Asia.* Rome: Food and Agriculture Organisation.

⇔ Leila, P. M. (1976). *Agricultural Sciences Information Network.* In Allen Kent (Ed.), Encyclopedia of Library and Information Science. (V.19, p.p. 42-43). New York: M. Dekker.

⇔ Li,C.,& Chen, Y.(2013). *Computer and computing technologies in agriculture VII*. Switzerland: Springer.

⇔ Rajgopalan, T. S. (1974). *Agricultural Librarianship.* In Allen Kent (Ed.), Encyclopedia of Library and Information Science (V.11, p. 352). New York: M. Dekker.

⇔ Saracevic, T., & Wood, J. S. (1981). *Consolidation of Information: A Handbook of Evaluation, Restructuring and Repackaging of Scientific and Technical Information*. Paris: UNESCO.

⇔ Seetharama, S. (1997). *Information Consolidation and Repackaging*. New Delhi: EssEss Publications.

⇔ Sharma, R. D. (1989). *The Agricultural Information Network for India*. New Delhi: Society for Information Science.

⇔ Subbaiha, R. (1988). *Agricultural Librarianship in India: An Overview*. New Delhi: Metropolitan.

⇔ UNESCO. (1975). *Study Report on the Role of Information Analysis Centres in a World Science Network.* Paris: UNESCO.

⇔ Vijda, E. (Comp.) (1980). *UNISIST Guide to Standards for Information Handling*. Paris: UNESCO.

⇔ Weisman, H. M. (1973). *The Importance of Information Analysis Centers in the Performance of Information Services*. Washington, D.C.: National Institute of Education.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (C)
Information Sources and Products in Social Sciences

Credits: 6
Duration of Exam: 3 Hours

Max. Marks: 100
Semester Examination:80 Marks
Internal Assessment:20 Marks

Objectives:

- To understand the development of Social sciences and its various tools useful in accessing information.
- To familiarize National and International Information Systems pertaining to various Social Science Programme.

Learning outcomes:

The student will be able to:

- Understand, identify, explore and evaluate different types of information sources, including e-resources in History, Political Science, Economics and Sociology
- Explore, collate and facilitate access to the electronic resources, such as e- Journals, e-Books, Databases and Digital Repositories
- Provide library services using sources such as Blogs, Portals, Wikis, Subject Gateways

Unit- I

Scope of Social Sciences
History: Scope and Development
Political Science: Scope and Development
Economics: Scope and Development
Sociology: Scope and Development

Unit- II

Primary Sources of Information and their Evaluation (History, Political Science, Economics and Sociology)
Secondary Sources of Information and their Evaluation (History, Political Science, Economics and Sociology)
Grey Literature and digital resources in the field of History, Political Science, Economics and Sociology
Web Information Sources: Online Journals, Books, ETDs, Databases, Proceedings, etc
Search Engines, Portals and Gateways in Social Sciences

Unit- III

Social Science Information Organization at National Level: ICSSR, TISS, ICHR, ICEA, etc.
Social Science Information Organization at International Level: UNESCO, ISSC, ICSSID, etc.
Social Science Information System at National Level
Social Science Information System at International Level

Unit-IV

Landmarks in Social Sciences
Information Analysis and Repackaging
Information Needs and Information Seeking Behavior of Social Sciences Professionals

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (C)
Information Sources and Products in Social Sciences

Instructions for paper-setters / examiners and candidates

- The syllabus is divided into four units.
- The examination in theory shall consist of 2 sections:
  - **Section-A:** Section-A shall be of **20 marks** and will comprise of 4 short answer type questions, one from each of the units and carrying 5 marks each. Answer should be comprehensive having 150-200 words only (all compulsory).
  - **Section-B:** Section-B shall be of **60 marks** and will comprise of 4 long answer type questions **with internal choice** one from each of the Units and carrying 15 marks each. Answer should be 500 to 600 words with detailed analysis/ explanation/critical evaluation to the question.

Recommended Readings:

- Fisher, D., Price, S., & Hanslock, T. (2018). *Information sources in the social sciences.* Berlin: Walter De Gruyter.
- Hoselitz, B. F. (1972). *Reader's Guide to the Social Sciences*. Glencoe: Free Press.
- Karadeli, A. S. (2017). *New trends in liberal and social science*.UK: Xlibris.
- Majumdar, R. C. (1970). *Historiography in Modern India*. Bombay: Asia Pub.
- Mann, P. H. (1968). *Methods of Sociological Enquiry*. New York: Schocken Books.
- Mckenzie, W. J. M. (Ed.) (1966). *Guide to Social Sciences*. London: Weidenfied and Nicolson.
- Saracevic, T., & Wood, J. S. (1981). *Consolidation of Information: A handbook of Evaluation, Restructuring and Repackaging of Scientific and Technical Information*. Paris: UNESCO.
- Seetharama, S. (1997). *Information Consolidation and Repackaging*. New Delhi: EssEss Publications.
- UNESCO. (1975). *Study Report on the Role of Information Analysis Centres in a World Science Network*. Paris: UNESCO.
- Vijda, E. (1980). *UNISIST Guide to Standards for Information Handling*. Paris: UNESCO, 1980.
- Vyas, S. D. (1992). *Social Science information in India: Efforts Towards Bibliographic Control*. New Delhi: Concept.
- Walford, A. J. (1980). *Guide to Reference Books* (4thed.). 3V. London: LA.
- Weisman, H. M. (1973). *The Importance of Information Analysis Centres in the Performance of Information Services*. Washington, D.C.: National Institute of Education.
- White, C. M., (1973). *Sources of Information in the Social Sciences* (2nded.). Tolowa, N.J: Bedminster press.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Elective Course Code: ML-109 (D)
Dissertation

Credits: 6

Max. Marks: 100

Objective:

- The main objective of the dissertation/Project is to pursue a current problem in the field of Library & Information science in order to explore its facets thoroughly and come out with solutions or ways in a scientific way.
- This will prove useful in applying knowledge and experience acquired during the academic session to real, current and emerging problems in the field.

✓ Candidates will work on Dissertation on a given topic under the supervision of a teacher.

Master of Library & Information Science - Second Semester
Examination to be held in May 2025, 2026 & 2027

Course Code: ML-110
Library Internship

Credits: 3 **Max. Marks: 50**

Objective:

- To expose students in practical librarianship by deputing them to work in Dhanvantri Library, University of Jammu, Jammu for a period of one month.

✓ The students will work under the direct supervision of a professional in Dhanvantri Library for one month (full time with no pay), immediately after the Fourth Semester Examination.

✓ During the internship, each student shall prepare a **report** of the work done by him/her in the library along with **attendance certificate** and submit the same for evaluation to the department within one week of the termination of the internship.

✓ It will be evaluated by the DAC. Based on internship training, Viva-Voce will be conducted by the DAC.

✓ The Internship report and Viva-Voce will be of 25 marks each.

✓ Internship is mandatory for the final result.

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