

Master of Library & Information Science (M.Lib.I.Sc): 2022-2023

I. Programme Outcomes

Upon completion of the MLIS program, students will be able to:

1. Demonstrate awareness of the foundational principles of library and information profession.
2. Use the basic principles related to selection, evaluation, organization, and preservation of physical and digital information sources.
3. Explain, analyse and interpret professional and scholarly literature.
4. Articulate the importance of designing services as per the users' needs.
5. Apply the fundamental principles of planning, management, marketing, and advocacy.
6. Design and evaluate information retrieval systems.
7. Demonstrate proficiency in using current and emerging Information and Communication Technologies.
8. Effectively administer and manage Libraries and Information Centers.
9. Apply current management practices in the creation, administration and assessment of services.
10. Demonstrate professional leadership and communication skills.
11. Demonstrate understanding of quantitative and qualitative research methods.
12. Enhance their skills for generating new knowledge through research.
13. Develop capacity to apply core ethical principles in professional and everyday practice.
14. Demonstrate professionalism as librarians or information specialists.

II. Programme Specific Outcomes:

1. Students can collect, organize and preserve information sources for future access and dissemination.
2. Students can design and implement services to facilitate the discovery, identification, dissemination and use of recordable information and knowledge in any format for effective access.
3. Students can understand the values of patron privacy, equitable access, intellectual freedom, and ethical use of information.
4. Students can perform and access research based practices through the application of information literacy and research methods including data discovery, analytics and qualitative measures.
5. Students can demonstrate knowledge and skills related to the role and impact of information policies and practices in a rapidly changing information society.
6. Students learn the human information behaviour in order to develop and implement systems and services that meet users' needs for information.
7. Students understand the philosophy, principles, and legal and ethical responsibilities of professionals in the field.
8. Students can demonstrate understanding of procedures of all housekeeping operations of libraries using Information and Communication Technologies.

9. Students can demonstrate automation of library using Open Source ILMS.
10. Students can build digital library using Open Source Software and Web Applications.
11. Students can demonstrate skills in managing and carrying out professional activities in various sections of library.
12. Students can demonstrate skills in document circulation, reference and information services, Internet and database searching.
13. Students can demonstrate managerial skills that offer job opportunities as librarians/information professionals in different types of libraries.
14. Students can demonstrate professional attitude through commitment for providing every user his/her document/information; ensuring every document/information its user; saving time of the user and enhancing use of reading material and user satisfaction through effective and efficient library services.
15. Students can apply the core values by honouring diversity and insuring inclusion by treating all patrons such as students, faculties and colleagues with respect and dignity.

Course Outcomes of M.Lib.I.Sc. (2022-2023):

SEMESTER – I

Course Code: MLIS 01

Title: INFORMATION SOURCES AND SERVICES (PRACTICE)

Learning Outcomes:

After studying this course, students shall be able to:

1. Acquaint themselves with various print and electronic Information Sources.
2. Identify various types of information resources in different formats.
3. Distinguish between offline, online and Open Access Resources.
4. Evaluate the reference and information sources in terms of their accuracy, authority, bias, and relevance.
5. Carry out the basic and advanced searches to locate information from such sources/databases.
6. Access information sources on a particular topic.
7. Solve the users' queries.

Course Code: MLIS 02

Title: ICT in Libraries (Theory)

Learning Outcomes:

After studying this course, students shall be able to:

1. Gain insight of different modules of open-source ILS KOHA.
2. Acquire the working of various Automatic Identification and Data Capture (AIDC) technologies including Radio Frequency Identification (RFID) and their applications in library automation.
3. Gain practical and working knowledge about Library 2.0 technologies.
4. Perform search using Academic Search Engines (ASEs).
5. Understand the working and application of Web-Scale Discovery Service (WSDS).
6. Understand the working of Digital Library (DL).
7. Develop understanding of Digitization process.
8. Develop deeper understanding of Cloud Computing and its application in Libraries.
9. Gain knowledge about the concept and application of The Internet of Things (IoT) in library services.
10. Understand application of Immersive Technologies in library environment.
11. Enhance learning regarding Big Data and Library Services Platform (LSP).

Course Code: MLIS 03**Title: INFORMATION CONSOLIDATION, STORAGE AND RETRIEVAL****Learning Outcomes:**

After studying this course, students shall be able to:

1. Understand the concept of information analysis, consolidation and repackaging.
2. Understand the Indexing systems and techniques.
3. Understand the qualities of good abstracts and process of abstracting.
4. Understand the techniques and strategies of online searching.
5. Understand the various information retrieval models.
6. Analyse and evaluate ISAR tools and systems.

Course Code: MLIS 04**Title: RESEARCH METHODS AND STATISTICAL TECHNIQUES****Learning Outcomes:**

After studying this course, students shall be able to:

1. Understand the stages of research.
2. Comprehend the paradigms of research in terms of qualitative and quantitative approaches.
3. Formulate research questions and hypotheses.
4. Apply the research methods in the field of in Library and Information Science.
5. Construct the suitable research instrument to gather the data.
6. Apply various sampling techniques to select representative sample from target population.
7. Understand the basics of descriptive and inferential statistics.
8. Apply various techniques for measuring research output.
9. Acquire knowledge on the structure, style and content of research report writing.

SEMESTER – II**Course Code: MLIS 05****Title: INFORMATION AND COMMUNICATION****Learning Outcomes:**

After studying this course, students shall be able to:

1. Understand the theories, model and components of communication.
2. Comprehend the significance and means of Open Access.
3. Know crisis in scholarly communication.
4. Gain knowledge of generators, providers and intermediaries of Information industry.

5. Understand the features of knowledge society.
6. Know about prominent national and international digital initiatives.
7. Understand the methods and techniques of digital preservation.
8. Understand the concept and frameworks of information literacy.

Paper code: MLIS 06

Title: ICT in Libraries (Practical)

Learning Outcomes:

After studying this course, students shall be able to:

1. Demonstrate necessary skills required to perform library work with relevant modules of open-source ILMS KOHA.
2. Create/build Digital Library using open-source technologies and web-applications.
3. Acquire the necessary skill for developing effective Library Websites.
4. Gain practical knowledge and skills for establishing Virtual Reference Service (VRS/DRS) using free web technologies and Mobile-apps.

Course Code: MLIS 07

Title: INFORMATION SYSTEMS: OPT. ("A"): SOCIAL SCIENCE INFORMATION SOURCES AND SYSTEMS

Learning Outcomes:

After studying this course, students shall be able to:

1. Examine the structure and development of Social Sciences.
2. Know the recent research trends in the field of Social Sciences.
3. Know about the Social Science Information Sources, products and services.
4. Critically evaluate various social sciences information sources.
5. Develop acquaintance with the role of national and International Social Science Institutions engaged in Information generation and dissemination.
6. Evaluate the Social Science Databases and Repositories.
7. Understand the role of social science associations and networks in the upliftment of social sciences.

Course Code: MLIS 07

Title: INFORMATION SYSTEMS: OPT. ("B"): BUSINESS INFORMATION SOURCES AND SYSTEMS

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the nature and characteristics of business information.

2. Acquaint with the components of Industrial Information System.
3. Know about the Industrial Information sources, products and services.
4. Develop acquaintance with the role of industrial Institutions and networks.
5. Organise business information for end user.

Course Code: MLIS 07

Title: INFORMATION SYSTEMS: OPT. ("C"): HEALTH SCIENCE INFORMATION SOURCES AND SYSTEMS

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the health science information.
2. Provide health science information services.
3. Use health science Information sources, products and services
4. Find out the role of Health Science Information Institutions at National and International level.
5. Acquaint with the health science Information System.
6. Understand the role of various health science information system and networks.

Course Code: MLIS 08

Title: MANAGEMENT OF LIBRARY SYSTEMS: OPT. ("A"): PUBLIC LIBRARY SYSTEM

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the public library system and its functions.
2. Critically assess the nature, organization and governance of public libraries.
3. Know the clientele and the services required in public libraries.
4. Examine the need for library legislation and policies for public libraries.
5. Determine the resource sharing and automation procedure in public library system.
6. Provide services to special groups of clientele.

Course Code: MLIS 08

Title: MANAGEMENT OF LIBRARY SYSTEMS: OPT. ("B"): ACADEMIC LIBRARY SYSTEM: COLLEGE AND UNIVERSITY LIBRARIES

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the academic library system and its functions.
2. Know the clientele and the services required in academic libraries.
3. Analyse the functions of libraries in academic institutions.

4. Develop skills for designing collection development policies in academic libraries.
5. Interpret the role of human resources in academic libraries.
6. Summarize the overall organization and administration of academic libraries.
7. Understand the concept and features of green libraries.
8. Use Open Educational Resources for teaching and learning.
9. Familiarize the role of UGC, INFLIBNET and NEP in strengthening the academic library system in India.

Course Code: MLIS 08

Title: MANAGEMENT OF LIBRARY SYSTEMS: OPT. ("C"): SPECIAL LIBRARY SYSTEM

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the special library system and its functions.
2. Know the clientele and the services required in special libraries.
3. Analyse the functions of special libraries to serve the specialist users.
4. Develop skills for designing collection development policies in special libraries.
5. Interpret the role of human and financial resources in special libraries.
6. Summarize the overall organization and administration of special libraries.

Programme Outcomes of B.Lib.I.Sc. (2022-2023) :

Upon completion of the BLIS program, students will be able to:

1. Demonstrate competency in information and its organization.
2. Demonstrate skills in the provision of information services.
3. Demonstrate competency in managing the libraries.
4. Demonstrate an understanding of the professional development within the LIS field.
5. Perform administrative, service, and technical functions in library and information centers.
6. Use existing and emerging technologies in library and information centers.
7. Analyse, implement, evaluate, manage information needs.
8. Use processes and procedures to solve problems related to organizing, managing, and preserving data, information, and knowledge for diverse user groups.
9. Discuss professional, social and ethical issues and responsibilities.
10. Discuss concepts, history, and issues of library and information science profession.
11. Explore the functions, service perspective, and ethics of the LIS profession.
12. Describe the similarities and differences among types of library and information centers.
13. Use LIS vocabulary appropriately
14. Explain, analyse and interpret information resources.
15. Exercise the values and principles of the field and its specialisations with an awareness of overarching social responsibility.
16. Use current and emerging Information and Communication Technologies in constantly changing information workplaces.
17. Demonstrate understanding of basic principles, concepts, and terminology in creation, organization, management, access, and use of information and demonstrate the ability to apply them to practical problems.
18. Demonstrate knowledge of types and services of library and information centres.
19. Demonstrate the ability to recognize and analyse ethical issues in library and information settings and propose reasoned courses of action.

II. Programme Specific Outcomes:

1. Students will be capable of demonstrating comprehensive knowledge and understanding of major concepts, principles, theories and laws of Library Science
2. Students can apply the skills of planning and management of Libraries and Information Centres (LICs).
3. Students will possess the skills to engage and collaborate with a diverse community to provide inclusive, meaningful, and participatory library services, programmes and resources.
4. Students will have the ability to display critical thinking for creating new ideas and design innovative pathways.
5. Students will be capable of using digital technology for library housekeeping operations, and for searching information from OPAC, Internet and online databases.
6. Students will have the ability to serve the information for advancement of society.
7. Students will have the ability to classify simple, compound, and complex documents using standard classification schemes.
8. Students will have the capability to catalogue all types of documents using standard catalogue codes

Course Outcomes of B.Lib.I.Sc. (2022-2023):

SEMESTER-1

Course Code: BLIS 01

Title: FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE

Learning Outcomes:

After studying this course, students shall be able to:

1. Comprehend the concept of information and the discipline of Library and Information Science.
2. Understand the historical development of libraries.
3. Classify libraries on the basis of their purpose and functions.
4. Know the role of libraries in the development of various aspects of society.
5. Comprehend the basic philosophy of Library and Information Science.
6. Understand five laws of library science and their implications.
7. Understand librarianship as a profession.
8. Assess the role of national and international library associations and organizations.
9. Highlight role of various library promoters at the national and international level.
10. Understand the concept of data, information and knowledge.

Course Code: BLIS 02

Title: KNOWLEDGE ORGANISATION: CLASSIFICATION (THEORY)

Learning Outcomes:

After studying this course, students shall be able to:

1. Comprehend the nature and attributes of universe of knowledge
2. Elaborate meaning and types of subjects and modes of subject formation
3. Express the meaning, purpose, functions, theories and canons of library classification
4. Illustrate knowledge as mapped in different classification schemes
5. Elucidate various facets of notation and call number
6. Understand the characteristics of major classification schemes
7. Know current trends in library classification

Course Code: BLIS 03

Title: KNOWLEDGE ORGANISATION: CATALOGUING (THEORY)

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the concept of library catalogue.
2. Comprehend the inner and outer forms of library catalogue.
3. Understand the main and added entries of library catalogue.
4. Understand various approaches of deriving subject headings.
5. Comprehend about the normative principles of cataloguing.
6. Know the standards for bibliographic interchange and communication.
7. Know the current trends in library cataloguing.

Course Code: BLIS 04

Title: INFORMATION AND COMMUNICATION TECHNOLOGY: BASICS

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the structure of computer and its functioning
2. Understand the working of telecommunication technologies
3. Acquire the knowledge of computer networks and their protocols and standards
4. Obtain the knowledge of Internet tools and network security
5. Examine the concept of library networks and highlight their types and importance
6. Evaluate various library management software.
7. Plan and implement automation in library and information centres.

SEMESTER-II

Course Code: BLIS 05

Title: MANAGEMENT OF LIBRARY AND INFORMATION CENTRES

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand the concept, principles and functions of management
2. Carry out various operations of Library and Information Centres
3. Understand the Human Resource Management in Library and Information Centres
4. Understand the financial management of Library and Information Centres
5. Maintain the library statistics and prepare annual report

Course Code: BLIS 06

Title: KNOWLEDGE ORGANISATION: CLASSIFICATION (PRACTICE)

Learning Outcomes:

After studying this course, students shall be able to:

1. Use the classification schemes.
2. Determine the subject of the document.
3. Build class numbers for documents with simple, compound and complex subjects with DDC and Colon Classification.
4. Synthesize class numbers by using the standard subdivisions/common isolates.

Course Code: BLIS 07

Title: KNOWLEDGE ORGANISATION: CATALOGUING (PRACTICE)

Learning Outcomes:

After studying this course, students shall be able to:

1. Use the catalogue code-AACR-2R.

2. Prepare catalogue entries for different types of documents.
3. Derive subject headings using Sears List of Subject Headings.

Course Code: BLIS 08

Title: INFORMATION SOURCES AND SERVICES (THEORY)

Learning Outcomes:

After studying this course, students shall be able to:

1. Understand, identify and explore different types of information sources.
2. Understand the nature of print and electronic resources.
3. Acquire the understanding of reference services.
4. Know various methods of user education.
5. Provide various information services .
6. Comprehend the activities and services of various information systems and networks.

Course Code: BLIS 09

Title: Basics of Information and Communication Technology (Practical)

Learning Outcomes:

After studying this course, students shall be able to:

1. Use Word Processing, Spread Sheet and Power Point Presentation software.
2. Automate library housekeeping operations using library management software-BiblioteQ.
3. Generate different types of report using library management software.
4. Find bibliographic information from WebOPAC, WorldCat, IndCat.
5. Search information from Internet and databases adopting suitable search strategies.