

Library and Information Science

Program Objectives:

The program goal for the Master of Science with majors in Library Science or Information Science is to prepare students for careers as information professionals in a variety of roles and settings. The master's program objectives are for students to demonstrate knowledge and skills related to:

- The roles and impact of information policies, practices, and information itself on diverse populations, including underserved groups, in a rapidly changing technological and global information society.
- The design and implementation of conceptual and technological systems and services to facilitate the discovery, identification, selection, acquisition, organization and description, storage and retrieval, preservation, dissemination, management, and use of recordable information and knowledge in any format for effective access.
- Human information behavior in order to develop and implement information systems and services that meet user needs related to information and knowledge creation, communication, discovery, identification, selection, retrieval, analysis, interpretation, evaluation, synthesis, management, and use.
- Communication and networking for personal and professional growth, leadership, collaboration, policy development, and change management.
- Teaching, research, and service, including interdisciplinary activities, that contribute to the advancement of the field.
- The philosophy, principles, and legal and ethical responsibilities of the field.

Foundations of Library and Information Science

CO1: Conceive an idea about historical development of Libraries and the conceptual change from keeping books to global access of information.

CO2: Understand objective, functions and services of various types of libraries.

CO3 : Develop knowledge in public library movement in India and purpose, principles and factors of library legislation. Understand the application of resource sharing and networking of libraries.

CO4 : Understand the attributes and ethics of librarianship , professional associations and organizations and professional education and research.

CO5: Understand the role of Library and Information Centers in modern society and education.

Library and Information Centre Management

CO1: Understand principles, element, styles and approaches of management.

CO2 : Understand library housekeeping operations.To know how to develop collection in library.

CO3 : To know the techniques of shelving and maintenance . Identify different types of stacks and stacking methods and the importance of conservation and preservation of library materials

CO4 : Discuss the importance of human resources in libraries and explain the functions of human resource management; Understand the various aspects related to job and job analysis and describe the human resources functions in libraries.

CO5: Realise the importance of allocation of finances in libraries and information organisations and Describe meaning of budget and its importance in libraries and information organizations; and categorize various budgetary methods.

CO6 : Understand aspects of planning, space management, marketing management and quality management.

Knowledge Organization Theory - Classification

CO1 : Understand basic concepts of library classification and mapping of universe of knowledge in classification scheme. Understand various species of library classification schemes.

CO2 : To have an acquaintance with the methods of formation of classes and basis of making of groups. Understand the various helpful sequences; understanding the APUPA pattern of documents .

CO3 : Understand the concept of fundamental categories, facet analysis and facet sequence and rounds and levels.

CO4 : Understand need, qualities and kinds of notation and types and functions of mnemonics.

CO5 : To have an acquaintance with the types of subjects in library classification, **and phase relations**

CO6 : To know the methods of shelf arrangement; To have glimpse of the history of book numbers, and understanding functions of Book numbers and Call numbers and also understand automatic and online classification systems and Web Dewey.

Knowledge Organization Theory - Cataloguing

CO1: Understand the need, objectives, purpose and functions of library catalogue.

CO2 : Understand the physical and inner forms of library catalogue and different forms of shared cataloguing.

CO3: Conceive knowledge about the salient features and different types of entries in AACR -2 and CCC catalogue codes.

CO4 : Understand the data elements in main entry, added entries, analytical entries and reference entries in dictionary catalogue and classified catalogue.

CO5 : Conceive an idea about normative principles and canons of cataloguing.

CO6 : Understand the general account of indexing concept and indexing technique, subject cataloguing and list of subject headings.

Information Sources, Systems and Services

CO1: Conceive knowledge about the concept, need and types of information sources.

CO2: Understand various types of reference sources and their evaluation.

CO3: Understand user studies, user education, ready reference and long range reference services

.CO4: Understand different types of information services.

CO5: Understand bibliographic and documentation activities of national and international organizations. **CO6** Understand international information systems.

Knowledge Organization Practice - Classification

CO1: Understand the construction and structure of call number in Dewey Decimal Classification and Colon Classification.

CO2: Apply Colon Classification for constructing class number, book number and collection number.

CO3: Apply Dewey Decimal Classification for constructing call number.

CO4: Understand the main classes in Dewey Decimal Classification and Colon Classification.

CO5: Understand face relation, common isolate, subject device and systems and specials in Colon Classification

Knowledge Organization Practice - Cataloguing .

CO1: Understand and apply the laws and principles in AACR-2 for constructing main entry and added entries.

CO2: Understand and apply the laws and principles in CCC for constructing main entry and added entries. **CO3** Understand the different types and sections of main entry and added entries according to AACR-2 and CCC.

CO4: Understand the construction of personal authors, anonymous works, pseudonymous author and corporate bodies in AACR-2 and CCC.

CO5: Conceive knowledge about the construction of main entry and added entries in multivolume books according to AACR-2 and CCC.

CO6: Understand the preparation of catalogue entries for serial publications in AACR-2 and CCC.

Basics of Information Technology

CO1: Understand basics of computers, types, input and output devices, computer hardware and software.

CO2: Understand Windows and Linux operating systems.

CO3: Understand the generations of programming languages, Low Level Language and High Level Language.

CO4: Understand Word Processing Software, MS Access, MS Excel, PowerPoint and WINISIS.

CO5: Conceive an idea about transmission media, satellites and VISAT in telecommunication.

CO6: Understand library automation, need and application of computers in Library and Information field.

Information Technology (Practical)

CO1: Understand the installation and practice of Windows and Linux operating systems.

CO2: Understand and practice of MS Word.

CO3: Understand and practice various functions of MS Excel.

CO4: Understand and practice slide designing and beautification of graphical presentations by using MS Power Point.

CO5: Understand and practice of MS Access.

CO6: Understand and practice of database creation, editing, indexing, sorting, merging, searching, export and import and report generation in WINISIS software