P.G. Department of Library and Information Science
University of Jammu

Programme Outcomes & Course Outcomes

The Department of Library and Information Science developed and implemented the curricula for every course offered in the B.Lib.I.Sc. and M.Lib.I.Sc. programmes from 2017 to 2022 after carefully evaluating each course's relevance to addressing local, regional, national, and international development needs. This was done to ensure that students would be able to contribute to knowledge generation, creation, and dissemination to be prepared for the global market.

Programme Outcomes & Course Outcomes

S.No.	Name of the Course	Course Code	Year of Introduction	Programme Outcomes & Course Outcomes
1.	Library and Information Society	BL 101	2017,2019,2022	The course makes the students understand the basics of library and information science as a subject, acquaint them with the concept of a library, the implications of laws of library science and library legislation, and the role and functions of library associations.
2.	Knowledge Organization: Library Classification and Cataloguing (Theory)	BL 102	2017,2019,2022	The course acquaints students with a conceptual foundation of Library Classification and Library Cataloguing as a base for knowledge organization including classification schemes, elucidating various facets of notation, understanding the concept of the library catalogue and its forms,

				and understanding the concept and features of Subject Heading Lists
3.	Reference and Information Sources & Services	BL 103	2017,2019,2022	The course provides an overview of the different categories of References Tools. acquaint students with the criteria for evaluation of Reference Sources (Both online and offline). To make the acquaintance of various Web-based resources and their evaluation, such as e-Journals, e-Books, Databases, and Digital Repositories; Provide Library Services using sources such as Blogs, Portals, Wikis, Subject Gateways, etc.
4.	Library Management	BL 104	2017,2019,2022	The course develops an understanding of Management concepts, theory, principles, and practice in Libraries & Information Centers. To enable students to become effective Library/Information managers. The student will be able to understand the concept of motivation and leadership, monitor and analyze ongoing projects, learn various budgeting techniques and methods, understand the methods and importance of human resource management, learn quality assurance techniques, learn the disaster management and change management techniques
5.	Fundamentals of	BL 105	2022	The course familiarizes us with basic

		(A)		Concepts and components of Computer, Programming Language useful for Information Management.
6.	Fundamentals of Information Technology (Practical)	BL 105 (B)	2022	To impart practical knowledge of Windows Operating Systems, word processors, spreadsheets, and presentations
7.	Library Classification (Practical) DDC and CC	BL 106	2017,2019,2022	To acquaint the students with the techniques of classifying documents according to the Dewey Decimal Classification and the Colon Classification Schemes (Latest available edition).
8.	Library Cataloguing (Practical) AACR-II	BL 107	2017,2019,2022	The course acquainted with the procedures involved in the cataloging of documents according to AACR-2, SLSH/LCSH will be used for preparing Subject Headings. The student will be able to use the catalog code, Prepare catalog entries for various types of documents and Derive subject headings using a Subject Heading List or other methods
9.	Library Operations	BL 108	2022	The course acquaints with the essential routines and operations performed in libraries to provide effective services. Students will be able to work efficiently within different sections of the libraries, Serve the clientele effectively and Care for and preserve the collection of

				the Library.
10.	Communication Skills	BL 109	2022	The course facilitates the learners in acquiring listening and speaking competence assists the learners in independent language comprehension and production makes the students aware of the different communicative functions of English and inculcates various communication skills among the students.
11.	Application of IT in Libraries (Theory)	BL110 (A)	2022	The course familiarises with basic concepts and components of telecommunication, networking, protocols, standards, and security.
12.	Application of IT in Libraries (Practical)	BL110 (B)	2022	The course makes the students familiar with the working Internet Settings creating an E-mail Account, Search Techniques, and Installation of software.
13.	Research Methodology	ML 101	2017,2019,2022	The course familiarizes students with basic concepts of research, various types, and methods design of research in the field of library and information science. It develops a basic understanding of various statistical techniques applicable in the field of library and information science for descriptive/inferential analysis.
14.	Library Automation (Theory)	ML 102 (A)	2022	The course provides an overview of the concept of Library Automation and Database Management Systems,

				Comprehend Object Identification Technologies
15.	Library Automation (Practical)	ML 102 (B)	2022	The course familiarises the students with the concepts and hands-on practice on Web designing, automation software, and file sharing
16.	Advanced Knowledge Organization (Theory)	ML 103	2017,2019,2022	The course provides understanding to the students about advanced and recent trends in Library Classification and Library Cataloguing. It acquaints with the principles, standards, and techniques of Knowledge Organization in libraries, particularly concerning Classification and Cataloguing.
17.	Bibliographic Database and Information Retrieval	ML 104	2022	The course develops an understanding of various Databases, know the problems of Information Retrieval and learn modern practices of Information Retrieval
18.	Library Metrics	ML 105	2022	The course provides an understanding of the occurrence of the phenomena in other subject fields as well, as the scope of Bibliometrics and Scientometrics, etc., and performs citation analysis, impact factor, etc.
19.	Digital Libraries (Theory)	ML 106 (A)	2022	The course makes students learn the concept of Digital Library and Digitization, Describe the concept of Metadata, discuss different Retrieval Protocol

20.	Digital Libraries (Practical)	ML 106 (B)	2022	The course provides a hands-on practice of Digital Library Software and Database Creation Using given DBMS and Digital Libraries and Institutional Repositories
21.	Information Literacy & User Studies	ML 107	2017,2019,2022	The course provides acquaint with the basic concept of Information Literacy and its theories and develops skills for launching Information Literacy Programme in the communities. 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, and Design Information Literacy Programme to make user information literate
22.	Knowledge Organization (Cataloguing Practical): CCC	ML 108 (A)	2017,2019,2022	The course makes students acquainted with the techniques involved in the cataloging of documents according to CCC.
23.	Knowledge Organization (Classification Practical): UDC	ML 108 (B)	2017,2019,2022	The course makes student acquaints students with the techniques of Classifying Titles of Documents according to Universal Decimal Classification Schemes and with the Book Numbering Techniques by using Cutter's Tables.
24.		ML 109	2017,2019,2022	ML-109A-C

	(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	Elective:		The course makes the student understand the development of Sources and Products in Science and Technology**,** Agricultural Sciences, **and** Social Sciences such as e-Journals, e-Books, Databases, and Digital Repositories and Provides library services using sources such as Blogs, Portals, Wikis, Subject Gateways. ML-109D The main objective of the dissertation/Project is to pursue a current problem in the field of Library & Information science 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.
25.	Library Internship	ML 110	2014, 2017,2022	Students experience practical librarianship by deputing 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, immediately after the Second Semester Examination. During the internship, each student

				prepares a report of the work done by him/her in the library along with an attendance certificate and submits the same for evaluation to the department within one week of the termination of the internship

At the national and international level The course namely *'Library and Information Society -BL 101'* has its relevance to addressing **national, and international development needs** as it develops an understanding of the philosophical and social foundations of Librarianship. It prepares students to understand the significance and ramifications of worldwide library regulations specifically in India.

The course namely '*Fundamentals of Information Technology (Theory) BL 105 (A)', 'Fundamentals of Information Technology (Practical)- BL 105 (B)', 'Library Automation (Theory)- ML 102 (A)', 'Library Automation (Practical)- ML 102 (B)', 'Digital Libraries (Theory)- ML 106 (A)' and 'Digital Libraries (Practical)- ML 106 (B)*' has its relevance to addressing **local, regional**, **national, and international development needs. These courses** familiarize the students with basic concepts and components of ICT for information management by imparting practical knowledge of different operating systems, word processors, spreadsheets, presentations, DBMS, library automation software, and Digital Libraries tools and developing skills to access and evaluate various ISAR and web-based resources, etc utilized **worldwide**.

The course namely *'Knowledge Organization: Library Classification and Cataloguing (Theory)- BL 102', 'Library Classification (Practical) DDC and CC- BL 106', 'Library Cataloguing (Practical) AACR-II- BL 107', 'Knowledge Organization (Cataloguing Practical): CCC -ML 108 (A)' and 'Knowledge Organization (Classification Practical): UDC- ML 108 (B)'* develops a conceptual foundation, standards, techniques of library classification and library cataloguing as a base for knowledge organization in both the traditional and web environment used for **local, regional**, **national, and international development needs**.

The course namely '*Library Management- BL 104*' and '*Library Operations -BL 108*' relevant to addressing **local, regional**, **national, and international development needs. these courses** develop the understanding of Management concepts, theory, principles, and practice in Library & Information Centers to enable students to become effective library/Information managers and allow students to better handle global information operations in the future. It prepares students for deciding the appropriate treatment and formulating suitable library policies at **local, regional**, **national, and international levels**.

The course namely '*Information Literacy & User Studies- ML 107*' enable students to design and implement information literacy program in the communities. the user's study helps students in gaining a better understanding of the users' point of view and makes information and library process more convenient and effective to address **local, regional**, **national, and international development needs**.

The course namely '*Bibliographic Database and Information Retrieval - ML 104*', '*Reference and Information Sources & Services -BL 103*', '*Information Sources and Products in Science and Technology*, '*Information Sources and Products in Agricultural Sciences, and '*Information Sources and Products in Social Sciences- ML 109*' address **local, regional**, **national, and international development needs. These** develop a multidisciplinary approach by gaining an understanding of the development of streams like Natural Sciences, social sciences, mathematical sciences, etc., and useful tools for accessing relevant information.

The course namely '*Dissertation*', '*Research Methodology - ML 101*', and '*Library Metrics - ML 105*' develop research skills and pursue a current problem in the field of Library & Information science 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 at the **local, regional**, **national, and international development levels**. This improves students' ability to analyze data and produce more polished results. This, in turn, aids in the broadening of India's research base.

The course namely '*Library Internship- ML 110*'- exposes students to practical librarianship by deputing them to work in Dhanvantri Library, University of Jammu, Jammu for a period of one month to address **local, and regional needs**.

Professional Ethics, Gender, Human Values, Environment, and Sustainability into the Curriculum

When it comes to incorporating them positively into the curriculum, cross-cutting issues like professional ethics, gender, human values, the environment, and sustainability find ample room. All students should be in a healthy environment, in our opinion. Many of these elements are covered in the curriculum. The department integrates the curriculum with the issues like Professional and Research ethics. Through this student remade familiar with IPR issues and develop the habit of proper referencing in assignments and consequently discouraging any kind of plagiarism. The department develops a culture of holistic development of students who are rationally prepared to face the world but are also compassionate human beings who endeavor for a democratic and sustainable society.

Professional Ethics:

The courses listed below go over generally accepted norms for conduct, values, and guiding principles. The course titled *Library and Information Society, Library Management, Research Methodology, Information Literacy & User Studies, and Library Operati*ons provides insights into 'Codes of Professional Ethics, which are often established by professional organizations. This crafts and articulates a professional identity. Understand and application of the ethical principles for the professional code of conduct. Demonstrate ethical behavior towards knowledge and attitude.

The course *Communication Skills* make students communicate effectively and professionally. These courses develop, administrate, assess, and advocate for information services by exercising principled communication, teamwork, and leadership skills.

Technological Skills The course is titled *Bibliographic Database and Information Retrieval* Organize, create, archive, preserve, retrieve, manage, evaluate, and disseminate information resources in a variety of formats effectively in professional and personal life.

Service: The course titled *Information Literacy & User Studies, Reference and Information Sources & Services, Library Management, Library Operations, and Library Internship* provides information services and shows a high level of commitment towards quality services. Familiar

with the history, philosophy, and service orientation of libraries, librarianship, and related information environments. Retrieve, evaluate, and synthesize information resources to fulfill an information needs assessment; evaluate the usefulness of these resources to the user. **Organization of Knowledge**: The course titled *Knowledge Organization: Library Classification and Cataloguing (Theory),* explains, using, maintaining, and developing information systems to organize and retrieve the various forms of information and knowledge based on codes.

Gender: The department attempts to address gender issues by giving students the tools they need for lifelong learning and giving them the chance to explore their interests. Numerous courses, including HRM, user studies, and user behavior, educate students about gender equality and how to take action against bias.

Human Values:

Humans' values and ethics are strongly connected at work and should be respected for a person's sake. People can live harmoniously with the rest of the world by upholding human values. These courses *Library Management, Library Operations, and Library Internship* describe human values. These courses help demonstrate an understanding of leadership and potential in problem-solving and openness to new ideas and addressing various organizational needs and challenges. Discriminate among current and emerging information and communication technologies to judge effective management and use in constantly changing information workplaces.

Students manage the life cycle of informational resources, including information acquisition, management, dissemination, organization, and preservation, in a variety of settings relevant to the work of information professionals. The course titled *Library and Information Society and Reference and Information Sources & Services* exercise the values and principles of the field and its specializations with an awareness of overarching social responsibility associated with progressive public service for the public good.

Environment and Sustainability:
Courses like *Information Literacy & User Studies, Library Management, Fundamentals of Information Technology (Theory), and Library Operations* address issues related to the

environment and sustainability. Environmental issues' ethical, historical, and cross-cultural contexts, as well as the relationship between human and natural systems, are valued in these courses. These courses help students learn about employee and organizational sustainability and demonstrate critical thinking, analytical capacities, and problem-solving skills. Familiarity with the history, philosophy, and service orientation of libraries, librarianship, and related information environments; and understanding the value of teaching, service, and research to the advancement of the field of library and information studies. students with the evaluative and analytical skills to respond flexibly and adaptable to future changes and challenges. Demonstrate necessary managerial skills to work effectively within teams and organizations. Application of management principles dealing with change, needs, and challenges. Students apply management principles and other cross-disciplinary perspectives to develop best practices in library and information agency environments.