

**Charotar University of Science and Technology**  
**Faculty of Humanities**  
**Charotar Institute of Languages, Arts and Social Studies**  
**Department of Library and Information Science**  
**MLIS- Programme Structure**

<b>Framework:</b>	<b>As per NEP-2020 &amp; UGC</b>
<b>Duration:</b>	<b>1 Year (2 Semesters)</b>
<b>Entry Qualification:</b>	<b>BLIS</b>
<b>Total Credits:</b>	<b>44 Credits</b>

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## **PROGRAMME OBJECTIVES (POBJ)**

The Master of Library and Information Science (MLIS) programme aims to:

1. Develop advanced professional competence in the management of libraries and information centres in diverse environments.
2. Equip learners with in-depth knowledge of information organization, retrieval, and digital knowledge systems.
3. Build strong capabilities in the use of emerging technologies such as Artificial Intelligence, Data Analytics, and Cyber Security in library operations.
4. Promote research aptitude, critical thinking, and ethical practices in librarianship and information science.
5. Prepare graduates to support scholarly communication, open science initiatives, and research data management.
6. Foster leadership, innovation, and entrepreneurship among information professionals to meet global information challenges.

## **PROGRAMME UNIQUENESS**

The MLIS programme is **distinctive and future-oriented**, characterized by the following features:

1. **NEP-2020 & UGC-LOCF aligned curriculum** with Outcome-Based Education and credit flexibility.
2. **Integration of emerging technologies** such as Artificial Intelligence, Machine Learning, Blockchain, and Data Science in LIS education.
3. **Strong research and open science orientation**, including scholarly communication, research data management, and bibliometrics.
4. **Skill-based and experiential learning** through internships, projects, and hands-on exposure to digital library platforms.
5. **Interdisciplinary approach**, enabling learners to engage with digital humanities, knowledge management, and information policy.
6. **Career-ready design**, addressing competencies required for academic, research, corporate, and special libraries in India and abroad.

## PROGRAMME OUTCOMES (POs)

On successful completion of the MLIS programme, graduates will be able to:

- 1 Apply advanced principles of library and information centre management for efficient organizational functioning.
- 2 Organize, manage, and retrieve information resources using modern classification, metadata, and discovery tools.
- 3 Design, implement, and manage digital libraries, institutional repositories, and open access systems.
- 4 Use information and communication technologies, including AI and data analytics tools, to enhance library services.
- 5 Support scholarly communication, research impact assessment, and research data management practices.
- 6 Conduct independent research using appropriate methodologies, statistical tools, and ethical standards.
- 7 Address information security, privacy, and policy challenges in digital information environments.
- 8 Demonstrate professional ethics, leadership qualities, and lifelong learning skills as information professionals.

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**Semester – 1**

<b>Sr. No.</b>	<b>Course Name</b>	<b>Credit</b>
1.	Advanced Library & Information Centre Management	4
2.	Advanced Organization of Knowledge & Metadata	4
3.	Scholarly Communication & Information Services	4
4.	Information Communication Technology for Libraries	4
5.	Artificial Intelligence & Machine Learning in Libraries	4
6.	Internship / Project Work / Dissertation & Viva Part-I	2
<b>Total</b>		<b>22</b>

**Semester – 2**

<b>Sr. No.</b>	<b>Course Name</b>	<b>Credit</b>
1.	Research Methodology, Statistics & Research Ethics	4
2.	Digital Libraries, Repositories & Open Science	4
3.	Data Science & Analytics for Library Professionals	4
4.	Cyber Security, Privacy & Information Policy	4
5.	Elective (Any One) <ul style="list-style-type: none"> <li>1. Research Data Management</li> <li>2. Bibliometric, Scientometrics &amp; Research Impact</li> <li>3. User Experience (UX) Design for Libraries</li> <li>4. Knowledge Management</li> <li>5. Digital Humanities</li> <li>6. E-Resource Management &amp; Library Consortia</li> <li>7. Block chain Applications in Libraries</li> <li>8. Digital Preservation &amp; Cultural Heritage</li> </ul>	4
6.	Internship / Project Work / Dissertation & Viva Part-II	2
<b>Total</b>		<b>22</b>