SARDAR PATEL UNIVERSITY

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

Vallabh Vidyanagar

Gujarat

Academic Program Structure

&

Curriculum

Master of Library and Information Science (MLISc)

NHEQF Level: 6.5

Entry NHEQF Level	:	6.0
Duration	:	One Years (Two Semesters)
Total Courses	:	12
Total Learning Hours	:	1320
Total Credits	:	44
Total Marks	:	1100

Graduate Attributes (GAs)

Upon successful completion of the programme, graduates are expected to attain the following

Graduate Attributes:

GA 1: Advanced Disciplinary Knowledge

Understanding the core and emerging areas of Library and Information Science and applying theoretical concepts to professional contexts and analyze the evolving role of libraries in digital knowledge ecosystems.

GA 2: Research Competency and Scientific Inquiry

Developing strong grounding in research methodology and statistical techniques for conducting systematic investigations and designing and executing research studies, analyzing data, and interpreting findings in LIS contexts that will help in evaluating research outcomes and produce scholarly work such as dissertations or publications.

GA 3: Information Organization and Knowledge Structuring Skills

Applying advanced knowledge of information organization systems, metadata standards, and indexing techniques that will help in designing efficient knowledge organization systems.

GA 4: Information Retrieval and System Design Understanding

Demonstrating advanced principles of information retrieval, search strategies, and system architecture to make.

GA 5: Digital Technologies and Artificial Intelligence Expertise

Demonstrating expertise in modern information technologies, including automation, digital libraries, and artificial intelligence applications in enhancing library services and user experience.

GA 6: Information and Knowledge Synthesis

Demonstrate the techniques for analyzing, synthesizing, and repackaging information into user-friendly formats. They will apply these skills to create value-added information products. At advanced levels, they will evaluate the effectiveness of information products and design innovative knowledge dissemination strategies.

GA 7: Scholarly Communication and Open Knowledge Systems

Communicating various processes of scholarly communication, including publishing models, open access, and Open Educational Resources.

GA 8: Data Management and Metric Analysis

Acquiring knowledge of research data management, data curation, and bibliometric/altmetric techniques which will enhance the skills in organizing, analyzing, and interpreting research data.

GA 9: Leadership and Management of Information Systems

Applying advanced management principles for planning and administering library and information centre to make them leaders and decision-makers in academic, corporate, and specialized libraries.

GA 10: Domain-Specific Information Services

Developing expertise in providing specialized information services, tailored services in domains such as academic and corporate sectors.

GA 11: Professional Ethics, Communication, and Collaboration

Demonstrating ethical practices in information handling, including respect for intellectual property and user privacy.

GA 12: Autonomy, Lifelong Learning, and Professional Development

Exhibiting the ability to work independently and take responsibility for professional tasks and research activities in spreading awareness for lifelong learners.

Programme Educational Objectives (PEOs):

Within 3/5 years of completing the programme, graduates will be able to:

PEO1: Demonstrate professional competence in managing academic, research, and digital library systems using advanced LIS practices and technologies.

PEO2: Apply research methodologies and analytical skills to conduct scholarly investigations and contribute to evidence-based library and information services.

PEO3: Design innovative information products and services, including information repackaging, knowledge organization, and user-centric digital solutions.

PEO4: Evaluate and implement emerging technologies such as Artificial Intelligence, data analytics, and ICT tools in modern library environments.

PEO5: Demonstrate leadership, teamwork, and managerial competencies in planning, organizing, and administering library and information centres.

PEO6: Adopt ethical practices, lifelong learning, and professional values to contribute effectively to the knowledge society and information economy. and facilitate the adoption of Open Educational Resources (OERs) to enhance teaching and learning practices.

Program Learning Outcomes (PLOs):

Upon successful completion of the programme, learners will be able to:

PLO1: Demonstrate comprehensive knowledge of library and information science principles, systems, and services in diverse environments.

PLO2: Apply knowledge organization techniques, including classification, cataloguing, and metadata standards for effective information retrieval.

PLO3: Analyse user information needs and design appropriate library services and information delivery mechanisms.

PLO4: Apply ICT tools, library automation systems, and digital technologies for efficient management of information resources.

PLO5: Evaluate emerging technologies such as Artificial Intelligence, digital libraries, and data analytics in LIS applications.

PLO6: Design digital information systems, repositories, and OERs and open access platforms using modern tools and standards.

PLO7: Apply research methods and statistical techniques to conduct academic and professional research in LIS.

PLO8: Analyse bibliometric, scientometric, and data-driven indicators for research evaluation and decision-making.

PLO9: Design information products through analysis, repackaging, and consolidation of information for targeted user groups.

PLO10: Evaluate information sources for accuracy, relevance, credibility, and ethical use.

PLO11: Demonstrate professional ethics, intellectual property awareness, and responsible use of information.

PLO12: Demonstrate leadership, teamwork, communication skills, and user-centric attitudes in library and information service environments.

SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

With effect from Academic Year 2026-27

Master of Library and Information Science (MLISc)

Semester: 1

Course Type	Course Code	Course Title	Teaching-Learning Scheme		Credits	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
DSC	**PA01CLIB61**	Research Methodology and Statistical Techniques	4-0-1	120	4	25	25	50	50	100
DSC	**PA01CLIB62**	Information Analysis, Repackaging and Consolidation	4-0-0	120	4	25	25	50	50	100
DSC	**PA01CLIB63**	Information Analysis, Repackaging and Consolidation (Practical))	0-8-0	120	4	25	25	50	50	100
DSE (Any One)	**PA01ELIB61**	Management of Library And Information Systems and Centres	4-0-1	120	4	25	25	50	50	100
	PA01ELIB62	Metric Studies and Quality Indicators	4-0-1							
DSE (Any One)	**PA01ELIB63**	Academic Library System	4-0-1	120	4	25	25	50	50	100
	PA01ELIB64	Corporate Library System	4-0-1							
DSS	**PA01SLIB61**	Artificial Intelligence and Libraries	2-0-1	60	2	25		25	25	50
				660	**22**					**550**

DSC: Discipline Specific Core, **DSE**: Discipline Specific Elective, **DSS :** Discipline Specific Subject, **L**: Lecture
P: Practical, T: Tutorial, **FA :** Formative Assessment, **SA :** Summative Assessment

SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

With effect from Academic Year 2026-27

Master of Library and Information Science (MLISc)

Semester: 2

Course Type	Course Code	Course Title	Teaching-Learning Scheme		Credits	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
DSC	**PA02CLIB61**	Information Storage and Retrieval	4-0-1	120	4	25	25	50	50	100
DSC	**PA02CLIB62**	Information and Communication	4-0-1	120	4	25	25	50	50	100
DSC	**PA02CLIB63**	Dissertation / Project	0-8-0	120	4	--	--	--	100	100
DSE (Any One)	**PA02ELIB61**	Information Technology	4-0-0	120	4	25	25	50	50	100
	PA02ELIB62	Open Educational Resources	4-0-1							
DSE (Any One)	**PA02ELIB63**	Information Technology (Practical)	0-8-0	120	4	25	25	50	50	100
	PA02ELIB64	Research Data Management	4-0-1							
Internship	**PA02SLIB61**	Library Internship (Advanced)	0-4-0	60	2	--	--	--	50	50
				660	**22**					**550**

DSC: Discipline Specific Core **DSE**: Discipline Specific Elective **L**: Lecture **P**: Practical **T**: Tutorial

FA : Formative Assessment, **SA :** Summative Assessment