

CURRICULUM OF M.Lib.I.Sc

(1 Year) 2026-2027

Master of Library and Information Science (M.Lib.I.Sc 1 Year)

**Revised CURRICULUM
(with effect from 2026-2027 onwards)**



DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Choice Based Credit System – Affiliated College

(M.Lib.I.Sc 1 Year- CBCS - AC)

MANONMANIAM SUNDARANAR UNIVERSITY

TIRUNELVELI 627 012

VISION OF THE UNIVERSITY

To provide quality education to reach the un-reached"

MISSION OF THE UNIVERSITY

- ❖ To conduct research, teaching and outreach programmes to improve conditions of human living
- ❖ To offer a wide variety of off-campus educational and training programs, including the use of information technology, to individuals and groups.
- ❖ To develop partnership with industries and government so as to improve the quality of the workplace and to serve as catalyst for economic and cultural development
- ❖ To provide quality / inclusive education, especially for the rural and un-reached segments of economically downtrodden students including women, socially oppressed and differently abled

VISION OF THE DEPARTMENT

To empower rural and under-served communities through knowledge access, information literacy, and innovative library services

MISSION OF THE DEPARTMENT

- ❖ To educate and train library and information science professionals with strong ethical, technical, and managerial competencies.
- ❖ To promote the use of information and communication technologies (ICT) for organizing, preserving, and disseminating knowledge, especially in rural and un-reached areas.
- ❖ To support lifelong learning, research, and inclusive development by building partnerships with libraries, schools, government, and community information centers.
- ❖ To serve as a catalyst for social transformation by making information accessible to economically downtrodden students, women, socially oppressed groups, and differently abled individuals.

Department of Library and Information Science

Manonmaniam Sundaranar University, Tirunelveli

PREAMBLE:

Outcome Based Education (OBE) is the order of the day in all Higher Education Institutions to emphasize quality mandate. Curriculum tailored with Choice Based Credit System (CBCS) for ensuring flexibility; Exposure to learning opportunities using the latest technological

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

advancements to the learners for continuous lifelong learning; and Adoption of Revised Bloom's Taxonomy (RBT) in the assessment mechanism are essential to add value to the existing OBE.

The Department of Library and Information Science recognizes that in the digital era, the role of library professionals has evolved from mere custodians of documents to dynamic information managers, knowledge facilitators, and community change-agents. Therefore, the current revision is aimed at providing scope for effective implementation of OBE by including Programme Educational Outcomes (PEOs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs) in alignment to the Vision and Mission of the University – *"To provide quality education to reach the un-reached"* with a focus on inclusive education for rural, economically downtrodden, socially oppressed, women, and differently abled individuals.

Courses need to be framed and mapped such that the compilation of the Outcomes of all Courses in the programme ensures the attainment of the programme outcomes in terms of RBT. Further, the curriculum shall integrate ICT competencies, ethical information practices, outreach services, and research skills to prepare library and information science professionals who can serve as catalysts for economic, cultural, and social development, particularly in under-served and rural communities.

**PROGRAM REGULATIONS AND SYLLABUS
(FOR THOSE WHO JOIN FROM 2026 – 27 ONWARDS)**

1. Name of the Course:

M.Lib.I.Sc 1 Year (Master of Library and Information Science). This course is designed with lectures / tutorials / computer laboratory/ Internship/ field work / seminar / practicals and Library Automation and software training / assignments / term paper or report writing etc., to meet effective teaching and learning requirements.

2. Department offering the Course:

The Department of Library and Information Science has been offering the course since 2018.

3. Eligibility for admission:

A pass in Bachelor of Library and Information Science (B.Lib.I.Sc) degree as approved by AIU/UGC/any recognized University.

4. Duration of the course:

The duration of PG programme is one years. Each year shall consist of two semesters, viz. Odd and Even semesters. Odd semester shall be from June/July to October/November and Even semester shall be from November/December to April/May. There shall be not less than 90 working days which shall comprise **450** teaching clock hours for each semester (exclusive of the days for the conduct of University end-semester examinations).

5. PO – Programme Outcomes

Upon successfully completing the Post Graduate Program in **Library and Information Science** offered by the Department of Library and Information Science, the student will be able to:

- PO1 Knowledge Application:** Comprehend and apply core theories, principles, and practices of library and information science to enhance library services for diverse user communities.
- PO2 Problem Analysis & Research:** Analyze library operations, user needs, and information systems; formulate research problems using scientific methods and statistical tools (including bibliometrics and informetrics).
- PO3 Technical Proficiency:** Apply ICT, library automation, digital library tools, web technologies, and electronic resource management systems to organize, retrieve, and disseminate information efficiently.
- PO4 Critical Thinking & Lifelong Learning:** Think reflectively, evaluate existing library practices, and engage in self-directed lifelong learning to adapt to evolving technologies and professional standards.
- PO5 Ethical & Legal Practice:** Understand and uphold ethical, legal, and moral values in library practice, including intellectual property rights, copyright laws, plagiarism-free

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

research, and publication ethics.

- PO6 Digital & Information Literacy:** Demonstrate digital literacy, manage information explosion, and leverage emerging technologies (AI, semantic web, cloud computing) for effective information access and organization.
- PO7 Teamwork & Leadership:** Function effectively as a responsible team member and leader in academic, public, special, and corporate library environments, demonstrating interpersonal, communication, and managerial skills.

6. PSO – Programme Specific Outcomes

Upon successfully completing the Master of **Library and Information Science** degree offered by the Department of Library and Information Science, the student will be able to:

- PSO1 Information & Knowledge Professional:** Demonstrate comprehensive knowledge of information nature, properties, transfer cycle, and growth patterns to function as an effective information professional in society.
- PSO2 Library Management & Ranganathan's Laws:** Analyze and integrate various library management functions (acquisition, technical, circulation, reference) and apply Ranganathan's Five Laws of Library Science to develop cost-effective, user-centric library solutions.
- PSO3 Legal & Policy Framework:** Translate theoretical knowledge of library legislation (Delivery of Books Act, RTI), intellectual property rights (IPR), copyright laws, and information policies into ethical and compliant library operations.
- PSO4 Research & Industry Readiness:** Apply research methods, metrics, and data analysis tools (SPSS, bibliometrics, scientometrics) to solve real-world library problems, and become industry-ready through internship and project work.
- PSO5 Professional Networks & Associations:** Engage with national and international library associations (ILA, IASLIC, IFLA, ALA), funding agencies (UNESCO, RRRLF), and consortia (e-ShodhSindhu, INFLIBNET) for resource sharing and professional growth.
- PSO6 Digital Library & ICT Skills:** Exhibit proficiency in digital libraries, library automation, web technology, electronic resource management (ERMS), and social media to ensure equitable and sustainable information access in ICT-driven environments.
- PSO7 Quality Assurance & Service Evaluation:** Evaluate library service effectiveness using quality frameworks (SERVQUAL, LIBQUAL, ISO standards, NAAC/NBA/NIRF indicators) and promote continuous improvement in library services.

7. Program structure

The course work in an academic year shall be divided into various activities as given below:

Year	Semester	Period	Activity
	I	16th July – 15th Nov	Classes and Continuous Internal Assessment
		16th Nov – 30th Nov	Semester End Examinations

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

I	II	1st Dec – 15th April	Classes and Continuous Internal Assessment
		16th April – 30th April	Semester End Examinations
		2nd May – 15th July	Internship

Note: Internship of 21 working days shall be completed after Semester II examinations and before the start of the next academic year.

8. During an academic year, a student shall be allowed to enroll for one program of study only and shall not appear for any other Graduate / Post Graduate Examination of this or any other University.

9. Semester-wise Course Outline with Credits and Marks Distribution

C – Credits | IM – Internal Marks | EM – External Marks | TM – Total Marks | PM – Passing Minimum

Passing Minimum: 50% in External (38 out of 75) and 50% Overall (50 out of 100)

Sl. No.	Sem.	Course Name	C	IM	EM	TM	PM
1.	I	Research Methods & Techniques	4	25	75	100	50% in External and 50% Overall
2.	I	Electronic Resources Management	4	25	75	100	
3.	I	Library Automation and Digital Library (Practice)	4	50	50	100	
4.	I	Marketing of Information Products and Services	4	25	75	100	
5.	I	Technical Writing (OR) Intellectual Property Rights	3	25	75	100	
6.	I	Web Technology (NME)	2	25	75	100	
7.	I	Research Ethics and Metrics (VAC)	2	25	75	100	
8.	I	Internship and Field Work	4	50	50	100	
9.	II	Knowledge Management	5	25	75	100	
10.	II	Informetrics and Scientometrics	5	25	75	100	
11.	II	Information Sources in Science and Technology	3	25	75	100	
12.	II	Personality Development and Communication Skills (SEC)	3	25	75	100	
13.	II	Quality Assurance in Libraries (VAC)	2	25	75	100	
14.	II	Extension Activity	1	50	50	100	
15.	II	Project and Comprehensive Viva-Voce	7	50	50	100	
TOTAL			53	475	1025	1500	

Notes

i. Course Type Abbreviations:

- NME – Non-Major Elective
- SEC – Skill Enhancement Course
- VAC – Value Added Course

ii. Quantitative/Analytical Courses:

- Informetrics and Scientometrics
- Research Methods & Techniques

iii. Practical/Lab Courses:

- Library Automation and Digital Library (Practice)
- Web Technology (NME)

iv. **Internship and Project:** These courses have 50 Internal + 50 External marks distribution.

v. Elective Selection:

- **Semester I:** Student shall select **any one** from: Technical Writing (3 credits) OR Intellectual Property Rights (3 credits)
- **Semester II:** Student shall study the offered elective: Information Sources in Science and Technology (3 credits)

vi. The department reserves the right to offer electives based on minimum student enrollment (minimum 10 students or as per university norms).

vii. **Value Added Courses** (Research Ethics and Metrics, Quality Assurance in Libraries) will be reflected in the mark sheet as pass/fail or with grades as per university policy.

viii. **Extension Activity:** Participation in library outreach, community service, literacy campaign, rural camp, book fair, or similar activity approved by the department. Assessed internally (100% Internal Marks).

10. Revisions Made Based on Feedback

Based on feedback from faculty members, academic experts, practicing librarians, alumni, employers, and industry experts, the following revisions have been incorporated into the MLISc curriculum:

a) New courses introduced: Research Ethics and Metrics, Quality Assurance in Libraries, Personality Development and Communication Skills, and Web Technology.

- b) The elective stream has been updated to include Technical Writing and Intellectual Property Rights.
- c) Practical exposure strengthened through Library Automation and Digital Library (Practice) and Internship and Field Work.
- d) Quantitative and analytical skills enhanced through Informetrics and Scientometrics and Research Methods & Techniques.
- e) Outdated or overlapping topics have been removed or integrated into existing courses based on expert recommendations.

11. University Reservation Clause

Depending on the circumstances prevailing in the market and the information industry, the University reserves the right to change any course and to increase or decrease the number of optional courses.

12. Massive Open Online Courses (MOOCs)

Students may be encouraged to enroll in relevant MOOCs offered by NPTEL/SWAYAM as additional / self-learning activities. Successful completion may be recognized through an Extra Credit Certificate but is not mandatory for degree completion. No credits are assigned to MOOCs in the core program.

13. Value Added Courses (VAC)

The Department offers the following Value Added Courses as part of the regular curriculum. These courses are mandatory for degree completion and are included in the total credit requirement.

Sl. No.	Semester	Value Added Course	Credits
1	I	Research Ethics and Metrics	2
2	II	Quality Assurance in Libraries	2

14. Internship

(a) Every student shall undergo a three-week (21 working days) Internship in a library or information centre of repute (Academic Library, Public Library, Special Library, Corporate Library, or Research Institution) in India or abroad, after the completion of Semester II examinations.

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

(b) A proper Joining Report duly countersigned by the Library Guide / Supervisor shall be submitted to the Internship Coordinator within the specified date. An Attendance Certificate from the library/organization is a pre-requisite for acceptance of the Internship report.

(c) The Internship report shall include:

- Daily activities and tasks performed
- Learning outcomes and skills acquired
- Observations on library operations and services
- Suggestions for improvement of library services

(d) The Internship will be evaluated as follows:

Component	Marks
Internship Report	25
Viva-Voce / Presentation	25
Total Internal Assessment	50

*Note: As per the course table (Sl. No. 8, Semester I), Internship carries **4 credits** with 50 Internal Marks + 50 External Marks = 100 Total Marks. The external assessment (50 marks) will be conducted by the University as per norms.*

15. Examinations

a) External Marks – Semester End Examinations: Max. Marks – 75 and Max. Time – 3 Hours

Semester End Examinations: Question Paper Pattern

For All Courses (Theory Papers):

Part	Details	Marks	Question Type
Part A	10 questions × 1 mark – No Choice	10	Very short answer / Objective type questions (K1, K2 levels)
Part B	5 questions × 5 marks – Either/Or type (Answer 5 out of 10 questions)	25	Short answer / Descriptive questions (K2, K3 levels)
Part C	5 questions × 8 marks – Either/Or type (Answer 5 out of 10 questions)	40	Analytical / Evaluative questions (K4, K5, K6 levels)
TOTAL		75	

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Part A, Part B, and Part C will contain:

- **40% of Lower Order Thinking (K1, K2, & K3 Level Questions)**
- **60% of Higher Order Thinking (K4, K5, & K6 Level Questions)**

MODEL QUESTION PAPER

<Course Code>

M.L.I.Sc DEGREE EXAMINATION, <Month, Year>

<Semester>, Library and Information Science

CBCS – University Department

<Name of the Course>

(For those who joined from July 2026 onwards)

Level of Question	Questions	Marks
	Time: Three hours	Maximum: 75 Marks
	Part A – Answer ALL Questions (10 × 1 = 10 marks)	
K1	1. Define Information Literacy.	1
K1	2. What is OPAC?	1
K2	3. Expand IFLA.	1
K1	4. Define Bibliometrics.	1
K2	5. What is Digital Library?	1
K1	6. Expand DOI.	1
K2	7. What is Open Access?	1
K1	8. Define Institutional Repository.	1
K2	9. What is Plagiarism?	1
K1	10. Define CSS in web technology.	1
	Part B – Answer any FIVE questions (5 × 5 = 25 marks)	
	(Either/Or type – Answer either (a) or (b) for each question)	
K2	11. (a) Explain the Five Laws of Library Science with suitable examples.	5
	Or	

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

	(b) Describe the various types of information sources (Primary, Secondary, and Tertiary) with examples.	5
K3	12. (a) Explain the steps involved in the process of digitization of library resources.	5
	Or	
	(b) Describe the procedure for classification of books using DDC with an example.	5
K3	13. (a) Illustrate the difference between AACR2 and RDA cataloguing standards.	5
	Or	
	(b) Explain the process of creating a bibliographic record using MARC21 format.	5
K2	14. (a) Describe the components of an Electronic Resource Management System (ERMS).	5
	Or	
	(b) Explain the role of library consortia in providing access to electronic resources.	5
K3	15. (a) Apply Boolean operators (AND, OR, NOT) to formulate search strategies for the topic "Impact of Social Media on Library Services."	5
	Or	
	(b) Explain the different types of search engines with examples.	5
K2	16. (a) Describe the services offered by INFLIBNET for academic libraries in India.	5
	Or	
	(b) Explain the role of UGC in the development of library and information science education in India.	5
K3	17. (a) Explain the process of knowledge management cycle with a diagram.	5
	Or	

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

	(b) Describe the tools and techniques used for knowledge mapping in organizations.	5
K2	18. (a) Describe the various types of research methods used in library and information science research.	5
	Or	
	(b) Explain the components of a research proposal for a library science project.	5
K3	19. (a) Explain the steps involved in the compilation of a thesaurus for vocabulary control.	5
	Or	
	(b) Describe the features of citation indexing with examples from Scopus and Web of Science.	5
K2	20. (a) Describe the various sections of a library (Acquisition, Technical, Circulation, Reference) and their functions.	5
	Or	
	(b) Explain the methods of stock verification and weeding out in libraries.	5
	Part C – Answer any FIVE questions (5 × 8 = 40 marks)	
	(Either/Or type – Answer either (a) or (b) for each question)	
K4	21. (a) Analyze the role of NAAC, NBA, and NIRF in evaluating the quality of academic libraries in India.	8
	Or	
	(b) Compare and contrast the SERVQUAL and LIBQUAL models for measuring library service quality.	8
K4	22. (a) Analyze the various metrics used for research evaluation including Impact Factor, h-index, and i10 index with their advantages and limitations.	8
	Or	
	(b) Examine the challenges and opportunities of implementing Open Access and Institutional Repositories in Indian libraries.	8

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

K5	23. (a) Evaluate the effectiveness of Koha and DSpace as open source library management and digital library software.	8
	Or	
	(b) Critically evaluate the role of library consortia (e-ShodhSindhu, INFLIBNET) in providing access to electronic resources in higher education.	8
K5	24. (a) Assess the impact of Artificial Intelligence on library operations including cataloguing, reference services, and user engagement.	8
	Or	
	(b) Evaluate the Intellectual Property Rights issues related to web-based content and digital libraries with relevant case studies.	8
K6	25. (a) Design a comprehensive information literacy program for a university library. Develop a detailed plan including objectives, target audience, modules, teaching methods, and evaluation strategies.	8
	Or	
	(b) Create a proposal for establishing a digital library for a university. Include digital collection policy, software selection, digitization process, access management, and preservation strategy.	8
K4	26. (a) Analyze the different types of indexing systems (Pre-coordinate and Post-coordinate) with examples of PRECIS, Chain Indexing, KWIC, and KWOC.	8
	Or	
	(b) Examine the role of metadata standards (Dublin Core, MARC, MODS) in digital resource organization and retrieval.	8
K5	27. (a) Evaluate the different models of Information Literacy (SCONUL model and CAUL model) for library instruction programs.	8

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

	Or	
	(b) Assess the impact of Web 2.0 and Library 2.0 technologies on modern library services.	8
K6	28. (a) Design a knowledge management framework for a special library in a corporate organization. Develop a comprehensive plan including knowledge creation, codification, transfer, and tools.	8
	Or	
	(b) Develop a strategic plan for marketing library products and services using social media platforms.	8
K4	29. (a) Analyze the legal and ethical issues related to copyright, plagiarism, and fair use in digital libraries.	8
	Or	
	(b) Examine the challenges of preserving digital resources including file formats, metadata migration, and digital preservation standards.	8
K6	30. (a) Create a research proposal for a bibliometric study analyzing research output in a specific discipline. Include objectives, methodology, data sources, and expected outcomes.	8
	Or	
	(b) Design a user satisfaction survey for evaluating the effectiveness of library services in an academic library.	8

b) Internal Marks – Continuous Internal Assessment (25 Marks)

Sl. No.	Component	Marks
1	Continuous Internal Assessment Tests (Max. Time: 1 Hour) – Average of the Best Two out of Three Internal Tests will be considered	15

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

2	Seminars / Presentations / Case Discussions by the Students (Either Individual or Group Presentations)	05
3	Assignment / Term Paper / Quiz / Surprise Test and such others	05
TOTAL		25

Continuous Internal Assessment Test Question Paper Pattern

Max. Time: 1 Hour | Max. Marks: 15

Part	Details	Marks
Part A	3 questions × 5 marks – No Choice (K2, K3 levels)	15
TOTAL		15

Note: The question paper will have **3 questions without choice × 5 marks = 15 marks**

Model Question Paper for Internal Assessment Test

<Course Code>

M.L.I.Sc DEGREE EXAMINATION, <Month, Year>

<Semester>, Library and Information Science

CBCS – University Department

<Name of the Course>

Continuous Internal Assessment Test – I / II / III

(For those who joined from July 2026 onwards)

Level of Question	Questions	Marks
	Time: One hour	Maximum: 15 Marks
	Part A – Answer ALL Questions (3 × 5 = 15 marks)	
K2	1. Explain the concept of Information Storage and Retrieval and describe its importance in modern libraries.	5

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

K3	2. Apply the principles of Chain Indexing to classify the subject "Treatment of Diabetes in Children."	5
K4	3. Analyze the role of thesaurus in vocabulary control for information retrieval systems.	5

Note:

Based on the necessity and the nature of the Course Work, Seminars and Assignments can be added together and Reports / Audio Visual Presentations / Case Presentations by the Individual students or a Group of Students can be evaluated by the Course Facilitator for the Maximum of Ten Marks (10 Marks).

Summary of Examination Pattern

Component	Part	Details	Marks
External (Semester End)	A	10 questions × 1 mark – No Choice	10
	B	5 questions × 5 marks – Either/Or (5 out of 10)	25
	C	5 questions × 8 marks – Either/Or (5 out of 10)	40
		Total	75
Internal (CIA)	-	3 questions × 5 marks – No Choice	15
		Seminars / Presentations	05
		Assignments / Quiz / Others	05
		Total	25
GRAND TOTAL			100

Question Paper Structure Summary

Part	Number of Questions	To be Answered	Marks per Question	Total Marks	Question Type
A	10	10 (All)	1	10	Very short answer / Objective
B	10 (5 pairs of Either/Or)	5	5	25	Short answer / Descriptive

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

C	10 (5 pairs of Either/Or)	5	8	40	Analytical / Evaluative / Creative
Total	30 questions in paper	20 to be answered		75	

16. Project

(a) Every student shall undertake a Six Weeks Project Work in a library or information centre of repute (Academic Library, Public Library, Special Library, Corporate Library, Research Institution, or Digital Library) in India or abroad, after the completion of Semester II examinations. The project will be evaluated as part of Semester II (as per course table Sl. No. 15).

(b) Strict adherence to the procedure, schedule, and suggestions offered by the Faculty Guide for the project is a pre-requisite for acceptance of the Project Report by the Project Coordinator.

(c) The Project work shall involve:

- Identification of a research problem in Library and Information Science
- Literature review and formulation of objectives
- Application of research methodology
- Data collection, analysis, and interpretation
- Findings, suggestions, and conclusion

(d) The Project will be evaluated as follows:

Component	Marks
Project Report (Internal)	25
Viva-Voce / Presentation (External)	25
Total Internal Assessment	50
Total External Assessment	50
Grand Total	100

(As per course table: 7 credits, 50 IM + 50 EM = 100 TM)

17. Internship / Project Reports Evaluation

(a) The student shall make an oral presentation of his/her Internship and Project before a joint session of the faculty members and students.

(b) The faculty members shall evaluate the presentation for the **external component** and a record of marks shall be maintained. A consolidated marks list duly signed by the Head of the Department and Project Coordinator shall be sent to the Controller of Examinations to be incorporated in the mark statement.

(c) Any student who fails to defend his/her Internship / Project report successfully shall have to undergo Internship / take up a project afresh and defend it in a similar manner.

(d) All students are required to be present at the time of presentation. Their attendance is mandatory.

(e) The veracity/genuineness of the Internship / Project shall be proved beyond doubt. If proved otherwise, a case of malpractice shall be reported and necessary action may be initiated as per University norms.

(f) Any student failing to fulfill any of the above conditions shall be considered to have to 'Reappear' for the Internship / Project, which will be evaluated in the ensuing semester only.

Note:

- Internship: 3 weeks (21 working days) after Semester II examinations
- Project: 6 weeks after Semester II examinations

(g) Internal and External Components of Internship and Project:

Component	Internal	External
Maximum Marks	50	50
Evaluation Basis	Report submitted by the student, evaluated by the Faculty Guide only	Viva Voce examination, evaluated by a Panel of Examiners (excluding Faculty Guide) / External Examiner

(h) Internal Marks for Internship (3 Weeks):

Sl. No.	Component	Marks
1	Adherence to Report Format	05

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

2	Introduction to the Library / Information Centre	05
3	Extent of Coverage of Library Sections / Functional Areas (Acquisition, Technical, Circulation, Reference, etc.)	10
4	Learning from the Internship (Skills Acquired)	10
5	Adherence to Procedure and Schedule	10
6	Adherence to Suggestions by the Guide	10
	Total	50

Note: Adherence to Procedure & Schedule and Adherence to Suggestions by the Guide are pre-requisites for obtaining marks in other components.

(i) Internal Marks for Project:

Sl. No.	Component	Marks
1	Adherence to Report Format	05
2	Introduction	05
3	Research Methodology	05
4	Review of Literature	05
5	Analysis and Interpretations	05
6	Implications of the Project for Library and Information Science	05
7	Adherence to Procedure and Schedule	10
8	Adherence to Suggestions by the Guide	10
	Total	50

Note: Adherence to Procedure & Schedule and Adherence to Suggestions by the Guide are pre-requisites for obtaining marks in other components.

(j) External Marks for Internship (Viva-Voce):

Sl. No.	Component	Marks
1	Introduction to the Library / Information Centre	10
2	Extent of Coverage of Library Sections / Functional Areas	10
3	Learning from Internship (Skills and Knowledge Acquired)	10

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

4	Presentation Skills (including use of AV aids)	10
5	Answers to Questions	10
	Total	50

(k) External Marks for Project (Viva-Voce):

Sl. No.	Component	Marks
1	Introduction	05
2	Research Methodology	10
3	Analysis and Interpretations	15
4	Implications of the Project for Library and Information Science	05
5	Presentation Skills (including use of AV aids)	05
6	Answers to Questions	10
	Total	50

18. Transitory Provision

The student of this program shall complete the degree within 4 years (2 years + 2 years extension) from the date of joining the program. After that period, one extension of one year may be applied for, and permission obtained from the University authorities on a case-to-case basis, in extraordinary situations only.

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Programme Articulation Matrix

Name of the Course	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	Total
Research Methods & Techniques	2	3	3	2	2	2	2	16
Electronic Resources Management	2	3	2	3	2	2	2	16
Marketing of Information Products and Services	2	3	3	2	2	2	2	16
Technical Writing	2	3	3	3	2	2	2	17
Intellectual Property Rights	3	3	3	2	3	3	3	20
Web Technology	3	3	2	2	3	2	2	17
Research Ethics and Metrics	2	3	2	3	2	2	2	16
Internship and Field Work	2	2	2	2	2	2	3	15
Knowledge Management	3	3	3	3	2	2	3	19
Informetrics and Scientometrics	2	2	2	3	2	2	2	15
Information Sources in Science and Technology	3	3	3	3	3	3	3	21
Personality Development and Communication Skills	2	3	3	2	2	2	2	16
Project and Comprehensive Viva-Voce	2	2	2	2	2	2	3	15
Quality Assurance in Libraries	3	3	3	3	2	2	3	19

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Semester I

Course code		RESEARCH METHODS & TECHNIQUES	L	T	P	C
Core/Elective/Supportive		Core	-	-	-	4
Pre-requisite		Students should known the basic knowledge of research			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1.	Remember the basic concepts of research and gain knowledge of the research process					K1 &K2
2.	Apply suitable research methods and techniques to solve library management problems and issues					K3
3.	Develop critical thinking skills to evaluate different research approaches utilized in library services					K4
4.	Demonstrate knowledge and understanding of data analysis, interpretation, and reporting in relation to the research process					K5 & K6
Unit:1		Basics of Research			14 hours	
Research Meaning, Fundamental of Research Concept, Types and Significance – Research Problem – Identification, Selection and Formulation – Literature Review – Sources, Process, and Limitations – Logic and Scientific Method.						
Unit:2		Research Design			14 hours	
Definition, Need, Types and Components – Hypothesis – Definition, Formulation, Types and Testing – Sampling – Concept and Need of study population and Sampling, Types of Sampling Techniques – Probability and Non- Probability, Derivation of Sample, Sample Bias and Error – Preparation of a Research Proposal – Components and Steps.						
Unit:3		Research Methods			14 hours	
Survey, Experimental, Case-study, Historical, and Scientific – Sources of Data – Primary, Secondary, and Tertiary – Data Collection Tools - Questionnaire, Interview, Observation, Delphi – Measures and Scaling Techniques.						
Unit:4		Tools for Research			14 hours	
Need and Importance, Descriptive and Inferential Statistics – Measures of Central Tendency – Standard Deviation – T-Test, Chi-Square, ANOVA, Correlation Analysis – Introduction to SPSS and its applications.						
Unit:5		Presentation and Reporting			14 hours	
Presentation of Data-Tables, Charts and Figures- Interpretation, Inferences-Deductive and Inductive- Report Writing- Components and Evaluation of a Research Report- Style Manuals- Chicago, MLA, APA – Introduction to Reference Manager – Ethics in Research and Publication. Trends in Library and Information Science Research-Metric Studies in LIS.						
Unit:6		Contemporary Issues			02 hours	
Expert Lectures, Online Seminars - Webinars						
		Total Lecture hours			72 hours	
Text Book(s)						
1.	Goode, W.J & Hatt, P.K (1989). <i>Method of Social Research</i> . McGraw Hill. Auckland.					
2.	Krishna Kumar (1992). <i>Research methods in library in social science</i> . Vikas, New Delhi.					
3.	Charles, H. et.al (1993). <i>Research Methods in Librarianship: Techniques and Interpretations</i> . New Delhi, Sage.					
Reference Books						
1.	Auger (1961). <i>Current trends in scientific research</i> . UNESCO, Paris.					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

2.	Bundy.M.L & Wasserman.P (1970). <i>Reader in research methods in librarianship; techniques and interpretation: academic</i> , New York.
3.	Busha, Charles, H. and Harter, Stephen, S (1980). <i>Research Methods in Librarianship</i> .
4.	Downs, R.B & Down, E (1966). <i>How to do library research</i> .University of Illinois Press, Urbana.
5.	Gopal, M.H (1990). <i>An introduction to research procedure in social sciences</i> . Asia, Bombay.
6.	Leedy, Paul, D. and Ormrod Jeanne Ellis (2016). <i>Practical research : planning and design</i> , University of northern, Colorado
7.	Slatter, Margaret (1990). <i>Research, methods in library and information science</i> . London, L.A.
8.	Tabuer, M.F and Stephens, I.R (1968). <i>Library surveys</i> . Columbia University Press, New York.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1.	https://onlinecourses.swayam2.ac.in/cec20_mg14/preview

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	1	1	2	2
CO2	2	3	3	3	2	2	2
CO3	2	3	2	3	2	2	2
CO4	2	2	2	2	3	3	3
Total	9	11	9	9	8	9	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	1	1	1	2
CO2	2	3	3	2	2	2	2
CO3	2	2	3	2	2	2	2
CO4	2	2	2	3	3	3	3
Total	9	10	10	8	8	8	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course Code	ELECTRONIC RESOURCES MANAGEMENT	L	T	P	C
Core/Elective/Supportive	Core	-	-	-	4
Pre-requisite	Electronic Resources Knowledge may learn to Management			2026-27	
Course Outcomes:					
On the successful completion of the course, student will be able to:					
1	Identify different types of e-resources, Known the selection process of e-resources.				K1 & K2
2	Build good collection of e-resources.				K3
3	. Evaluate web resources.				K4
4	Create good collection of e-resources for the demand of users.				K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create					
Unit:1	Electronic Resources Overview			14 hours	
Electronic Resources: Overview, concept, definition, evolution, need, characteristics, benefits and drawbacks – E-Resource life cycle.					
Unit:2	Electronic Resource Management Systems (ERMS)			14 hours	
Electronic Resource Management Systems (ERMS): Selecting, acquiring/ subscription/ purchasing, implementation, evaluation and renewing electronic resources/ cancellation. Techniques for Electronic Resource Management (TERMS), Strategic planning for ERM – Media and Format Migration					
Unit:3	Economics of e-Resources			14 hours	
Economics of E-resources – Pricing. Access management of E-resources: authentication and access management of e-resources. Subscription models: copyright, licenses and tactics and terms in the negotiation of e-resources licenses					
Unit:4	Collection Development Process:			14 hours	
Formulating policy, budgeting, evaluation of e-resources. Strategic planning for ERM, Electronic r-resources usage statistics, standards and guidelines (SUSHI – COUNTER) – LOCKS, CLOCKS					
Unit:5	Consortia			14 hours	
Concept, need, purpose & limitations; E-ShodhSindhu: Consortium for Higher Education Electronic Resources. ERMS tools – commercial, in-house, Open source - Recent Trends in ERMS: Future of ERMS, hardware and software changes, user behavior and expectations,					
Unit:6	Contemporary Issues			02 hours	
Expert Lectures, Online Seminars - Webinars					
	Total Lecture hours			72 hours	
Text Book(s)					
1	Dhiman, A. K. and Yashoda Rani. (2005). Learn Library and Society. Ess Ess Publications.				
2	Emery, J., and Stone, G. (2013). Techniques for Electronic Resource Management (Library Technology Reports). Chicago: Amer Library Assn.				
3	Hawthorne, D. (2008). History of electronic resources. In Electronic resource management in libraries: Research and practice. IGI Global				
Reference Books					
1	Yu, H., & Breivold, S. (2008). Electronic resource management in libraries research and practice. Hershey: Information Science Reference				
2	Jennings, L. (2009). Electronic resources management for electronic resources librarians: a bibliography. Bath: University of Bath.				

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

3	Pandey, D. K. (2013). Library and Information Science. Atlantic
4	Patra, N. K. (2014). Electronic Resource Management: A Case Study of Management School Libraries In India. Sampalpur: Sampalpur University.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	https://www.mooc-list.com/tags/e-resources

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	1	1
CO2	2	3	3	3	3	2	2
CO3	2	3	2	2	2	2	3
CO4	2	2	3	3	2	2	2
Total	9	11	10	10	9	7	8

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	1	2
CO2	2	3	2	3	2	3	2
CO3	2	2	3	2	2	2	2
CO4	2	2	2	3	2	2	3
Total	9	10	9	10	7	8	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		LIBRARY AUTOMATION AND DIGITAL LIBRARY (PRACTICE)	L	T	P	C
Core/Elective/Supportive		Core	-	-	-	4
Pre-requisite		Understanding of the basics of grouping Purpose of libraries				2026-27
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1.	The learners will gain knowledge about the categorization of the universe of knowledge & understand the arrangement of materials in such a way that subject specialization is maintained.					K1 & K2
2.	The students will be able to carry out arrangement of documents to facilitate easy storage and retrievals and attain satisfaction of user needs					K3
3.	To analyze and compare of various methods of Classification					K4
4.	To evaluate the proper usage of Classification in various libraries					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Reference Books						
1	A Manual of Library Automation and Networking (3rd Edition) N.R. Satyanarayana & Abdul Mannan Khan. (2025)					
2	Information Technology: For Digital Library Management and Automation V.K. Jain 2009					
3	Ranganathan.S.R. Prolegomena to Libray classification Ed3.Bangalore SRELS,2006					
4	Library Automation: Core Concepts and Practical Systems Analysis (3rd Edition) Dania Bilal 2014					
5	Library Automation and Digitization: Concepts, Tools and Approaches Dr. P. Balasubramanian & Dr. Sherin Yohannan 2021					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=21					
2	https://www.tutorialspoint.com/public_library_management/public_library_management_knowledge_organization.htm					
3	https://www.youtube.com/watch?v=ttFJZgNdryQ					

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	1	1
CO2	2	3	3	3	3	2	2
CO3	2	3	2	2	2	2	3
CO4	2	2	3	3	2	2	2
Total	9	11	10	10	9	7	8

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	1	2
CO2	2	3	2	3	2	3	2
CO3	2	2	3	2	2	2	2
CO4	2	2	2	3	2	2	3
Total	9	10	9	10	7	8	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		MARKETING OF INFORMATION PRODUCTS AND SERVICES	L	T	P	C
Core/Elective/Supportive		Core	-	-	-	4
Pre-requisite		Students should know basic of marketing of information products and services.			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Student can understand the marketing of information and Students can understand the marketing model and matrix					K1 & K2
2	Students can apply the marketing mix					K3
3	Students can understand the marketing plan & research					K4
4	Students can understand the information industry					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Marketing of Information	14 hours			
Information as a Resource: Economics of Information; Marketing concepts - Corporate Mission; Marketing Strategies						
Unit:2		Marketing Model and Matrix	14 hours			
Portfolio Management BCG Matrix Model; Product Market Matrix; Product Life Cycle, Pricing Models. ANSOFF Matrix SWOT Analysis, brand Management and Advertising.						
Unit:3		Marketing Mix	14 hours			
Meaning need, purpose and types of marketing Mix; Kotler's Four "Cs"; McCarthy's Four "Ps" Recent trends on marketing mix, Break even analysis						
Unit:4		Marketing Plan & Research	14 hours			
Marketing Plan & Research: Corporate Identity, marketing plan: Marketing Research. Market Segmentation and Targeting; Geographic and Demographic Segmentation; Behavioral and Psychographics Segmentation; User Behavior and Adoption						
Unit:5		Information Industry	14 hours			
Information industry - marketing of information Product & Services. E-Marketing concepts Benefits, classification and issues. Implementing and evaluating programs in Marketing.						
Unit:6		Contemporary Issues	02 hours			
Expert Lectures, Online Seminars - Webinars						
		Total Lecture hours	72 hours			
Text Book(s)						
1	Anderson, A.R. Advancing library marketing. Journal of Library Administration. 1(3), 1980, pp. 17 32.					
2	Bellardo, T. and Waldhart, T J. Marketing products and services in academic libraries, Libri. 27(3), 1977. pp. 181 194					
3	Berry J. The test of the marketplace. Library Journal. 104. Sept. 1979. pp. 1605.					
Reference Books						
1	Anderson, W. T. Jr., Bentley, C. C. and Sharpe, L K IV. Multi-dimensional marketing: Managerial, societal, and philosophical. Austin TX: Austin Press 1976.					
2	Dragon, A C. Marketing the library. Wilson library bulletin. 53, 1979, pp. 498 500.					
3	Eisner, J, ed. Beyond PR: Marketing for libraries. A Library Journal Special Report, 1981.					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1	https://idl-bnc-idrc.dspacedirect.org/					
2	https://www.researchgate.net/					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

3	http://www.lisbdnetwork.com/
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MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	1	2	2
CO2	2	3	3	2	2	2	2
CO3	2	3	3	3	2	2	2
CO4	3	2	2	2	3	3	2
Total	10	11	10	9	8	9	8

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	2	1
CO2	2	3	3	2	2	2	2
CO3	2	2	3	3	3	2	2
CO4	2	2	2	2	2	3	3
Total	9	10	10	9	8	9	8

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		TECHNICAL WRITING	L	T	P	C
Core/Elective/Supportive		Elective	-	-	-	3
Pre-requisite		Knowledge of writing, editing and presentation			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	To know the need, purpose, nature of audience of technical commendation and To understand various types of technical documents and pre-writng and editing methods					K1& K2
2	To apply the standards and formats in preparing testing the technical documents					K3
3	To build the ability of preparing proposals and correspondence					K4
4	To design the technical manuals and draft the methods of writing proposals					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Technical Communication			14 hours	
Definition, purpose, characteristics-Audience-Centered communication, Description and effectiveness- Legal and ethical communication, Description and importance-Implicit and explicit rules of communication.						
Unit:2		Technical Documents			14 hours	
Types of technical documents-Prewriting: Determining purpose, Analyzing audience, choosing channels of communications, writing tone and voice, word choice, language, paragraph structure, Effective visual design-Editing: corrections, proof readers and revision techniques- Role of editors.						
Unit:3		Elements of Technical Documents			14 hours	
Title, Heading, Summary, Abstract, definition, description, conclusion, glossary, Usability testing- Participant recruiting, Roles of testing, Test planning.						
Unit:4		Technical Reports			14 hours	
Types in informal, formal-Business reports and proposals-Business correspondence-Technical resumes and letters.						
Unit:5		Technical Instructions			14 hours	
Technical Methods- Methods of writing proposals.						
Unit:6		Contemporary Issues			02 hours	
Expert Lectures, Online Seminars - Webinars						
	Total Lecture hours			72 hours		
Text Book(s)						
1	Sajitha Jayaprakesh, Technical writing: Management Perspective					
2	Raj Mohan Joshi, Writing skills for Technical Purposes, Isha Book, Delhi, 2006					
3	Seetharaman S, Guidelines for Technical Writing for Librarians & Information Professionals, Ess Ess, New Delhi, 2015					
4	Daniel G. Riordan and Steven E Pauley, Technical Report writing Today, Biztantra, New Delhi, 2004					
5	Sharon J Gerson and Steven M. Gerson, Technical Writing, Pearson Education, New Delhi, 2009.					
Reference Books						
1	Michael H Markel and Mike Markel, Technical Communication, Ill.Ed. St Martins Publisher, Bedford , 2012					
2	Meenakshi Raman and Sangeetha Sharma, Technical Communication: Principles and Practice, 3 rd ED, Oxford University Press, London, 2015					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1	http://writingassist.com					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

2	http://site.lugaza.edu.ps
4	http://batchlibretestes.org

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	2	3
CO2	2	3	3	2	3	2	2
CO3	2	2	3	3	2	2	2
CO4	2	2	3	2	2	3	2
Total	9	10	11	9	9	9	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	1	2
CO2	2	3	3	2	2	2	2
CO3	2	2	3	2	2	2	3
CO4	1	2	2	3	2	3	2
Total	8	10	10	9	7	8	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		INTELLECTUAL PROPERTY RIGHTS	L	T	P	C
Core/Elective/Supportive		Elective	-	-	-	3
Pre-requisite		Students will be required to understand and apply basic concepts of Intellectual Property Rights				2026-27
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Define Intellectual Property and enumerate different types of IPR and Differentiate between different types of IPR					K1& K2
2	Learn international treaties and laws related to IPR					K3
3	Examine copyright issues while sharing web-based content					K4
4	Learn about challenges and evolving issues in IPR					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Introduction: IPR			14 hours	
Intellectual Property Rights: Meaning and Scope; Categories of IP						
Unit:2		International Treaties on IPR			14 hours	
International Treaties on IPR : Berne Convention; Universal Copyright Convention; Stockholm Conference; Paris Conference; WIPO Copyright treaty; GATT; TRIPS						
Unit:3		National Laws			14 hours	
National Laws: Copy right Law of India and its Amendments; Fair Use Provision; Patent Law of India and Amendments; Other Laws related to IPR						
Unit:4		Implications of IPR			14 hours	
Implications of IPR : Protection of Web-based Content; Copyright and Libraries; Copy Left Movement; Creative Commons						
Unit:5		Emerging Issues in IPR			14 hours	
Emerging Issues in IPR: Challenges for IP with Advances in ICT: E-Commerce, Domain Names; IT Act2000; Biotechnology and IP; Traditional Knowledge, Folklore and IP, Biodiversity and IP						
Unit:6		Contemporary Issues			02 hours	
Expert lectures, online seminars - webinars						
		Total Lecture hours			72 hours	
Text Book(s)						
1	Deborah E. Bo choux. (2012). Intellectual Property: The Law of Trademarks, Copyrights, Patents, and Trade Secrets. Cengage.					
2	Fishman, Stephen. (2008). The copyright handbook: what every writer needs to know. Berkeley. Nolo.					
3	Freeman, Lee & Peace, A. Graham. (2005). Information ethics: privacy and intellectual property. Information Science Pub.					
Reference Books						
1	Pandey, N. & Dharni, K. (2014). Intellectual Property Rights. Delhi: PHI Learning.					
2	Jessica Littman. (2001). Digital Copyright: Protecting Intellectual Property on the Internet. Prometheus.					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	1	2	2	2	2
CO2	2	2	2	2	3	2	2
CO3	2	3	3	3	2	2	3
CO4	2	3	2	2	2	3	3
Total	9	10	8	9	9	9	10

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	2	1	1	2	2
CO2	2	3	3	2	2	2	2
CO3	2	2	2	3	2	3	3
CO4	2	2	2	2	3	2	2
Total	9	9	9	8	8	9	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		WEB TECHNOLOGY	L	T	P	C
Core/Elective/Supportive		NME	-	-	-	2
Pre-requisite		Students should know basic of web technology.		2026-27		
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Student can understand the web technology and Students can understand the web browser and services					K1&K2
2	Students can understand the mark-up languages and scripting languages					K3
3	Students can understand the websites tools and techniques					K4
4	Students can understand the different types search engines					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Web Technology – An Overview			14 hours	
Web Servers, Web Clients – Distributed Information System and Services – Web 2.0, Lib 2.0, Semantic Web, Cloud Computing. Use of Web Server (e.g., Microsoft IIS, Apache Web Server).						
Unit:2		Web Browsers and Services			14 hours	
History, Function, Features of Browsers (IE, Firefox, Chrome); Command Line Browser (e.g., CURL); Browser Developer Tool (e.g., Chrome).						
Unit:3		Mark-up Languages and Scripting Languages			14 hours	
Functions & Features of HTML, XML, DHTML, XHTML, CSS, JavaScript, CGI, PHP, Perl, Python or other scripting languages						
Unit:4		Websites			14 hours	
Tools and Techniques; Types of Websites, Web contents, Static web contents, Dynamic Web Contents – MySQL, PostgreSQL. MVC (Model, View, Control) architecture; Information Architecture.						
Unit:5		Search Engines			14 hours	
Types, Features, Functions, Evaluation – Search Algorithms – Security Issues – Database Connectivity. Open Source Search Engines (e.g., Lucence).						
Unit:6		Contemporary Issues			02 hours	
Expert Lectures, Online Seminars - Webinars						
		Total Lecture hours			72 hours	
Text Book(s)						
1	Dash, N. K., Mishra, S., Senthilnathan, S., and Misra, P. K. (2018). Block 1: Communication Technology: Basics.					
2	Godbole , Achyut (2003). Web Technologies: TCP/IP to Internet Application Architectures. New Delhi: Tata McGraw-Hill Education					
3	Kavanagh, M. J., and Johnson, R. D. (Eds.). (2017). Human resource information systems: Basics, applications, and future directions. Sage Publications.					
Reference Books						
1	Kumar, R. (2017). Application of Cloud Computing Technology in Libraries.					
2	Pedley, Paul (2001). The invisible Web: Searching the hidden parts of the Internet. London: Aslib-IMI.					
3	White, C. M. (2016). Social media, crisis communication, and emergency management: Leveraging					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

	Web 2.0 technologies. CRC press.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	https://developer.mozilla.org/
2	https://www.coursera.org/
3	http://www.freebookcentre.net/

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	2	1
CO2	2	2	3	2	3	2	2
CO3	2	2	3	2	3	2	2
CO4	2	3	2	3	3	3	3
Total	9	10	10	9	11	9	8

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	1	2	2	1
CO2	2	2	3	3	2	1	2
CO3	2	2	2	2	3	2	3
CO4	2	2	1	1	2	3	2
Total	9	9	8	7	9	8	8

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course Code		RESEARCH ETHICS AND METRICS	L	T	P	C
Core/Elective/Supportive		VAC	-	-	-	2
Pre-requisite		Students should known basic of Research and Publication Ethics			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1.	Understood the knowledge on concept, theories, laws and parameters of citation metrics and Attain the knowledge of Citation Theory and Analysis					K1& K2
2.	Attained the knowledge how to the apply and measure of Bibliometrics to study the literature in different subjects					K3
3.	Apply the knowledge of different forms of citations, Age of citation, citation counts, and Self citation, Citation Index, Impact Factor and H Index.					K4
4.	Apply the knowledge of Citation Metrics indifferent type of publications					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Introduction to philosophy: Research and publication			14hours	
Definition nature and scope, concept, branches. Ethics: definition, moral philosophy, nature of moral judgments and reactions. Ethics with respect to science and research, Intellectual honesty and research integrity Scientific misconducts: Falsification, Fabrication and Plagiarism (FFP)						
Unit:2		Citation Analysis			14hours	
Citation Concept, definition, evolution and applications, Forms of citations, Bibliographic Coupling, Co-Citation, Citation Life – Citation Counts, Self –citation – Citation Index.						
Unit:3		Abstracting and Citation Databases			14hours	
Scopus, Web of Knowledge, Google Scholar and Cross Reference. (Include some other database PUBMED)						
Unit:4		INDIGATORS			14hours	
Impact Factor, Discipline Impact Factor (DIF), h-Index, h-type index G-Index, g-h Index, h-b index, i10 Index, z-index, Exergy indicator and Citation Factor.						
Unit:5		TOOLS			14hours	
Research Tools for Citation Metrics: Histcite and Bibexcel, PAJEK, VOS Viewer						
Unit:		Contemporary Issues			02hours	
Expert lectures, online seminars - webinars						
		Total Lecture hours			72 hours	
Text Book(s)						
1.	DeBellis,Nicola(2009). Bibliometrics and citation analysis: from the Science citation index to cyber metrics. Scarecrow Press. p. 417.ISBN0					
2.	Egghe,Leo;Rousseau,Ronald(1990).Introduction to Informetrics: Quantitative Methods in Library , Documentation, and Information Science. Elsevier. ISBN 978					
Reference Books						
1.	Noyons,E.C.M.(1999).Bibliometric mapping as a science policy and research management tool. Leiden: DSWO Press, University of Leiden.					
2.	Aksnes, D.W.(2006),Citation rates and perceptions of scientific contribution. Journal of the American Society for Information Science and Technology, 57(2), p.169-185.					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1.	www.inflibnet.ac.in Epg pathsala					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	1	3	3
CO2	2	3	3	3	3	2	2
CO3	2	3	3	3	3	2	2
CO4	2	2	3	2	3	2	2
Total	9	11	11	10	10	9	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	2	2
CO2	2	3	3	3	3	2	3
CO3	2	3	3	3	3	3	3
CO4	2	2	2	3	3	3	2
Total	9	11	10	11	10	10	10

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		INTERNSHIP AND FIELD WORK	L	T	P	C
Core/Elective/Supportive			-	-	-	4
Pre-requisite		Completion of Core library science Course or equivalent knowledge			2026-27	
Course Outcomes:						
At the end of the internship, the student should be able to:						
1.	Professional environment, policies, processes, and user service principles					K1 & K2
2.	Library management software, online databases, internet resources, digital library tools					K3
3.	User needs, user education, statistical reports, budget, safety/security management					K4
4.	Institutional repositories, online bibliographies, PR strategies, complete library management systems					K5 & K6
		Total Days			21 Working days	

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	2	2	2	2	3
CO2	2	3	2	2	3	2	2
CO3	2	3	3	3	2	2	2
CO4	3	2	3	2	3	3	3
Total	10	10	10	9	10	9	10

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	2	3	3	2	2
CO2	2	3	2	2	2	2	2
CO3	2	3	3	2	2	3	2
CO4	3	2	2	2	2	2	3
Total	10	10	9	9	9	9	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

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**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

SEMESTER II

Course code		KNOWLEDGE MANAGEMENT	L	T	P	C
Core/Elective/Supportive		Core	-	-	-	5
Pre-requisite		Management of Knowledge may learn to Knowledge Management			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Student can remember the Knowledge Management concepts and Students can understand the knowledge creation models					K1& K2
2	Students can apply the knowledge mapping					K3
3	Students can analyze the knowledge sharing					K4
4	Students can create and evaluate the legal and ethical issues					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Introduction to Knowledge Management			14 hours	
Knowledge Management: Concept and definitions – Need for Knowledge Management in the emerging and changing business environment – Understanding Knowledge; Types of knowledge – changing role of library and Information professionals.						
Unit:2		Creation and Capturing			14 hours	
Knowledge creation and capturing: knowledge creation model – capturing tacit Knowledge.						
Unit:3		Codification and Organization			14 hours	
Knowledge codification and organization: Knowledge base -knowledge mapping, decision trees, decision tables, frames etc.						
Unit:4		Transfer and Sharing			14 hours	
Knowledge transfer and sharing steps in knowledge transfer. Knowledge transfer in E – world, role of internet E – Business / E – commerce.						
Unit:5		Tools			14 hours	
Tools for Knowledge Management– neural networks data mining – legal and ethical issues in Knowledge Management						
Unit:6		Contemporary Issues			02 hours	
Expert Lectures, Online Seminars - Webinars						
	Total Lecture hours			72 hours		
Text Book(s)						
1	Ramesh Babu, B, Ed. (et al.) Knowledge Management: Today and Tomorrow- 2003.					
2	Awad, E.M & G.H.M – Knowledge Management, 2004.					
3	Shemon, Lee – Managing the Modern Document 2001.					
Reference Books						
1	Robert, W.S. – “Knowledge every where” Knowledge Management 2001.					
2	Hayes – Roth, F. and Jacob stein, N- State of Knowledge based systems 1994.					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1	https://www.mooc-list.com/university-entity/hkpolyux					
2	https://www.mooc-list.com/tags/public-library					
4	https://www.mooc-list.com/tags/knowledge-management					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	2	2	1	2	2
CO2	2	3	3	2	3	2	2
CO3	2	3	2	3	2	3	2
CO4	2	2	2	3	2	2	3
Total	9	10	9	10	8	9	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	1	1	2
CO2	2	3	3	2	3	2	3
CO3	2	2	2	3	2	2	2
CO4	2	1	2	2	2	3	2
Total	9	9	9	9	8	8	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		INFORMETRICS AND SCIENTOMETRICS	L	T	P	C
Core/Elective/Supportive		Core	-	-	-	5
Pre-requisite		Students will be required to understand and apply basic concepts of descriptive and inferential statistics.				2026-27
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1.	Make confident and successful use, in the generation, analysis, and presentation of bibliometric data, of a wide range of tools, standards, and techniques and Appreciate, and communicate to others, the needs and preferences of information seekers, collections managers, information systems designers, and research policymakers					K1& K2
2.	Participate actively in contemporary debates about bibliometric theory and practice.					K3
3.	critical analyses of the efficiency and effectiveness of citation databases					K4
4.	Conduct critical evaluations of the impact and influence of documents, authors, journals, and fields					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Metrics Evaluation	14 hours			
Concept, Evolution & Definitions – Classifications, Librametry, Bibliometrics, Scientometrics, Informetrics, Cybermetrics, Webmetrics,Wikimetrics, Open source metrics, Journals metrics and Alt metrics.						
Unit:2		Growth of Literature	14 hours			
Growth of Literature – Information Explosion/Publication Explosion						
Unit:3		Metric Laws	14 hours			
Bibliometrics Laws – Bradford, Zipf, Lotka, Price, Circulation Theory						
Unit:4		Citation Analysis	14 hours			
Citation Analysis – Forms of citation – Self Citation, Bibliographic coupling, Co-Citation, Journal Citation Report.						
Unit:5		Indicators.	14 hours			
Quantitative and qualitative indicators. Hi-Index, G-Index, Cited-Half life, citing half life . i10index, i20index science indicators, web impact assessment link analysis.						
Unit:6		Contemporary Issues	02 hours			
Expert lectures, online seminars - webinars						
		Total Lecture hours	72 hours			
Text Book(s)						
1.	Author Co-citation Analysis: Quantitative Methods for Mapping the International Structure of an Academic Discipline , 2008					
2.	De Bellis, Nicola. 2009. Bibliometrics and citation analysis: From the Science Citation Index to cybermetrics. Lanham, MD: Scarecrow Press.					
3.	Bibliometrics : New Dimensions and Latest Trend, Srivastava R, Alfa Publications 2011.					
Reference Books						
1.	Bibliomentric and Citation Analysis from the Science Citation Index to Cybermentrics, 2009					
2.	Measuring Academic Research: How to Undertake a Bibliomentric Study – 2009, Ana Abdres, Chendos Publishing					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	2	3	2
CO2	2	2	2	2	2	3	2
CO3	2	3	2	2	3	2	3
CO4	2	3	3	2	3	2	3
Total	9	11	10	9	10	10	10

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	3	3	2	2	3
CO2	2	2	2	2	2	2	2
CO3	2	2	2	3	2	2	2
CO4	2	2	2	3	3	3	3
Total	9	9	9	11	9	9	10

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code	INFORMATION SOURCES IN SCIENCE AND TECHNOLOGY		L	T	P	C
Core/Elective/Supportive	Elective		-	-	-	3
Pre-requisite	Information sources knowledge may learn to science and technology				2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Student can remember the basic concepts of information sources and Students can understand the ready reference sources					K1& K2
2	Students can apply the indexing and abstracting					K3
3	Students can analyze the e-resources					K4
4	Students can create and evaluate the information sources					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1		Introduction to Information Sources			07 hours	
Basic Concepts of Information Sources - Types of information sources - documentary - non documentary – Scope and value.						
Unit:2		Reference Sources			07 hours	
Ready Reference Sources -Types and Value Dictionaries, Encyclopedias - and Handbook Manuals in Science and Technology.						
Unit:3		Indexing and Abstracting			07 hours	
Indexing and Abstracting Sources in Science and Technology.						
Unit:4		E-Resources			07 hours	
Electronic Sources - Web Resources - Subject Gateways in Humanities and Social Sciences.						
Unit:5		Sources of Evaluation			07 hours	
Evaluation of information sources - print reference sources - web resources.						
Unit:6		Contemporary Issues			01 hours	
Expert lectures, online seminars - webinars						
		Total Lecture hours			36 hours	
Text Book(s)						
1	Chowdhury, G.G and Sudatta Chowdhury, Searching CD-ROM and online information sources; Library Association, 2001.					
2	Sewa Singh Handbook of International Sources on Reference and Information; Vedams e-Books (P) Ltd (India).					
3	Chowdhury, G.G Introduction to Modern Information Retrieval, Facet Publishing,2009.					
Reference Books						
1	Winchill, C.M Guide to Reference source, 2008.					
2	Higgins, G Printed Reference Materials, 1987.					
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1	https://www.mooc-list.com/.../information-digital-literacy-university-success- coursera					
2	https://www.mooc-list.com/estimated-effort/2-hoursweek?page=10					
3	https://www.mooc-list.com/estimated-effort/no-information?page=19					

MAPPING of COs with POs

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	2	2
CO2	2	3	2	2	2	2	2
CO3	2	3	2	2	3	2	2
CO4	2	2	3	2	2	2	3
Total	9	11	9	8	9	8	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	2	2	3
CO2	2	2	3	2	2	2	2
CO3	2	2	2	3	2	2	2
CO4	2	2	2	2	3	3	2
Total	9	9	9	9	9	9	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		PERSONALITY DEVELOPMENT AND COMMUNICATION SKILLS	L	T	P	C
Core/Elective/Supportive		Skill Enhancement Course	-	-	-	3
Pre-requisite		Understanding of the Personality Development and Communication Skills	Syllabus Version		2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	The learners will gain knowledge about the personality development and the students understand about the basic concepts of the professional communication skills.					K1& K2
2	The students will be able to carry out marketing planning and strategy and public relations					K3
3	To analyze the leadership ability of management.					K4
4	To evaluate the proper vision of document.					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1	Personality Development and its Characteristics				14 hours	
Personality Types, Traits and Characteristic: Social, Soft and Influencing Development; Attitude, Appearance, Time and Stress Management Skill.						
Unit:2	Communication Skills				14 hours	
Professional Communication Skills (Verbal, Non Verbal & Written); Communication; Understanding the Audience, Presentation, Body Language, Interpersonal Skills and listening Skills; Technical Communication Skills and Editorial Tools.						
Unit:3	Marketing & Public Relations Skills				14 hours	
Marketing Planning and Strategy; Public and Promotion; Public Relations and Liaising with Library Authority and Patrons.						
Unit:4	Leadership Skills				14 hours	
Organizational ability, Term Leadership and Problem Solving; Project Management, Short Term and Long Term Planning, Disaster Management, Time Management, Stress Management, Conflict and Crisis Management, visionary and Futuristic Approach.						
Unit:5	Vision Skills				14 hours	
Concepts of Vision Skills, Preparation of Vision Document; Negotiation skills and Strategies.						
Unit-6	Contemporary Issues				2hours	
Expert Lectures, Online Seminars – Webinars.						
	Total Lecture hours				72 hours	
Text Book(s)						
1	Scott, Cynthia, D. Jaffe, Tobe, dennis T & Glenn R. (1995). Organizational Vision Values and Mission. Crisp					
2	Stewart, Gerg L., Manz, Charles C., & Sims, henry P. (1999). Team Work and group Dynamics, Wiley					
3	HBR's 10 Must Read: On Leadership (2011 to 202013), Harvard Business Review.					
Reference Books						
1	Berne, Eric, (2016). Games People Play, Penguin					
2	Born, Paul. (2012). Community conversations: Mobilizing the ideas, skills and passion of community organization, governments, business and people, BPS Books					
3	Cain, Susan. (2013). Quiet: The power of introverts in a world that can't stop talking. Penguin					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

4	Cartwright, Roger (2002). Mastering Team Leadership, Macmillan
5	Dewey, Barbara & Creth, Sheila D. (1993). Team Power: Making Library Meetings Work. ALA
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	https://kapable.club/blog/communication-skills/communication-skills-and-personality-development/
2	https://oms.bdu.ac.in/ec/admin/contents/316_16SNMEVC2_2020052111292580.pdf
3	https://onlinecourses.swayam2.ac.in/cec22_cm03/preview

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	2	2	2
CO2	2	3	3	2	3	3	2
CO3	2	2	3	3	2	2	3
CO4	2	2	2	2	2	3	2
Total	9	10	10	9	9	10	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	2	2	3
CO2	2	3	3	2	2	3	2
CO3	2	2	3	3	2	2	2
CO4	2	2	2	2	3	2	2
Total	9	10	10	9	9	9	9

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		PROJECT AND COMPREHENSIVE VIVA – VOCE	L	T	P	C
Core/Elective/Supportive		Project	-	-	-	7
Pre-requisite		Knowledge of Research Methods and Techniques			2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	To know the ways and means of selecting research topics and To understand the methods and techniques to adopted for library science research					K1& K2
2	To apply statistical tools for analysis the data					K3
3	To discuss the research outcome through analysis and interpretation					K4
4	To create research reports in standard format					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
	PROJECT AND COMPREHENSIVE VIVA – VOCE - 200 MARKS					
	Total Lecture hours				72 hrs.	

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	2	2	1	2	2
CO2	2	3	2	2	3	2	2
CO3	2	3	3	3	2	2	2
CO4	2	2	3	2	2	3	3
Total	9	11	10	9	8	9	9

Level of Correlation between COs and POs

0 – No Correlation

1 – Low

2 – Medium

3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	1	1	2	2
CO2	2	2	2	3	2	2	2
CO3	2	2	3	2	3	2	3
CO4	2	2	2	2	2	3	3
Total	9	9	9	8	8	9	10

Level of Correlation between COs and PSOs

0 – No Correlation

1 – Low

2 – Medium

3 – High

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Course code		Quality Assurance in Libraries	L	T	P	C
Core/Elective/Supportive		VAC	-	-	-	2
Pre-requisite		Understanding of the Personality Development and Communication Skills	Syllabus Version		2026-27	
Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Remember and understand the concept, need, purpose, and challenges of quality assurance in libraries					K1& K2
2	Apply quality parameters, frameworks, and methods (SERVQUAL, LIBQUAL, ISO Standards) to ensure quality in libraries					K3
3	Analyze quality assurance implications, assessment mechanisms, and implementation issues in academic libraries					K4
4	Evaluate library quality using national indicators (NAAC, NBA, NIRF) and international rankings (THE, QS), and create best practices case studies					K5 & K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create						
Unit:1	Introduction of QAL				14 hours	
Quality Assurance concept; Need and purpose; challenges						
Unit:2	Communication Skills				14 hours	
Quality parameters, QA framework, enhancement methods, methods to ensure quality						
Unit:3	Marketing & Public Relations Skills				14 hours	
SERVQUAL, LIBQUAL, ISO Standards, Academic Library Standards, QA implications, assessment mechanisms						
Unit:4	Leadership Skills				14 hours	
NAAC, NBA, NIRF, QA and academic libraries, QA issues, implementation of QA and IT.						
Unit:5	Vision Skills				14 hours	
THE Ranking, QS World Ranking, case studies on best practices.						
	Total Lecture hours				72 hours	
Text Book(s)						
1	ALA Standards for University Libraries: evaluation of performance. 1989. [Online]. http://sacs.uah.edu/documents/policies/					
2	Stewart, Gerg L., Manz, Charles C., & Sims, henry P. (1999). Team Work and group Dynamics, Wiley					
3	Balog, KP. 2009. Measuring Croatian public and academic library culture. Performance Measurement and Metrics.					
Reference Books						
1	CHELSA. 2006. Guide to the self review of university libraries. Prepared by the members of the Quality Assurance Subcommittee of the Committee for Higher Education Librarians of South Africa.					
2	Department of Education (South Africa). 1997. Education White Paper 3. A Programme for the transformation of Higher Education. General notice. Notice 1196 of 1997.					
3	American Library Association (2006). Guidelines for university library services to undergraduate students. Chicago: ALA.					
4	Cartwright, Roger (2002). Mastering Team Leadership, Macmillan					
5	Dewey, Barbara & Creth, Sheila D. (1993). Team Power: Making Library Meetings Work. ALA					

**Department of Library and Information Science, MSU, M.Lib.I.Sc 1 Year
(CBCS – AC) Syllabus 2026**

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	https://kapable.club/blog/communication-skills/communication-skills-and-personality-development/
2	https://oms.bdu.ac.in/ec/admin/contents/316_16SNMEVC2_2020052111292580.pdf
3	https://onlinecourses.swayam2.ac.in/cec22_cm03/preview

MAPPING of COs with POs

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	2	2	1	2	2
CO2	2	2	3	3	3	2	2
CO3	2	3	2	3	2	2	3
CO4	2	3	2	2	3	3	2
Total	9	10	9	10	9	9	9

Level of Correlation between COs and POs

0 – No Correlation 1 – Low 2 – Medium 3 – High

MAPPING of COs with PSOs

CO	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	2	2	2	1	1	2
CO2	2	3	3	2	2	2	2
CO3	2	2	2	3	2	2	2
CO4	2	2	2	2	3	3	3
Total	9	9	9	9	8	8	9

Level of Correlation between COs and PSOs

0 – No Correlation 1 – Low 2 – Medium 3 – High