REVISED SYLLABUS

Adikavi Sri Maharshi Valmiki University, Raichur

Syllabus

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

(Two Years) – Four Semesters

Under
Choice Based Credit System (CBCS)

From the Academic Year 2025 - 2026 Onwards

About the department

The Department of Library and Information Science was established in the academic year 2021-22. It is considered as an Interdisciplinary subject having roots in various branches of the Universe of Knowledge viz., Linguistics, Logic, Mathematics, Statistics, Computer Science, Information Science, Economics,Sociology, Commerce, Management, Psychology, Communications Science etc. The discipline has been drastically influenced by the ICT and its applications to such an extent that the real characteristics and structure of the discipline itself has undergone major changes. It has offering two years integrated M.Lib.I.Sc. course, it also offers doctoral programme (Ph.D.) from this academic year. It has been continuously revising and updating the syllabus by incorporating the recent developments in the thrust area of Library and Information Science and cutting edge tools and technologies

(M.Lib.I.Sc – New CBCS)

PROGRAMME SPECIFIC OUTCOMES (PSOS)

After completion of this programme, the student will be able to:

1. Understand the logic of knowledge organization and its importance in Library and Information Centres.
2. Learn the practical and managerial skills to handle the housekeeping operations of the Library and Information Centres.
3. Understand the information needs and requirements of different user communities and their by develop new services and facilities.
4. Effectively use Information and Communication Technology (ICT) in automation of Libraries and provision of advanced services and facilities in Library and Information Centers.
5. Contribute to LIS profession by inculcating research aptitude, communication skills and other necessary soft skills.

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Minimum Credits and Maximum Credits:

a) There shall be three categories of courses viz., Compulsory course, Specialization Course and Open Elective Course. Compulsory and Specialization Course should be from the concerned department only. The Open Elective are the courses offered by other Departments in the same Faculty.

b) Each course shall have a definite course objective, Eligibility criterion for taking the course, scheme of Evaluation including the components of Internal Assessment (IA) marks, Projects (if any), the number of contact hours, type of practical and the prescribed credits.

c) The credits for each of compulsory course may vary from 3 to 4 credits; for specialization course it may vary from 1 to 4. In case of Open Elective Course, it shall be 1 to 3 credits for each paper.

d) A student shall register for minimum of 18 credits and a maximum of 30 credits per semester. However, to qualify for the degree in any Department under any school and faculty, he/she should have registered and cleared a minimum number of credits, which vary from course to course.

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Course Outline for M.L.I.Sc Course.

COURSE STRUCURE AND PATTERN FOR MASTER OF LIBRARY AND INFORMATION SCIENCE

SEMESTER-I

Paper Code	Title of the Paper	Max. Marks	Total credit	L	T	P	IA		Total IA	Total Marks	Teaching Hrs.
	Hard core						C1	C2			
HC 1.1	Foundations of Library & Information Science	80	4	3	1	0	10	10	20	100	4Hrs / week
HC1.2	Management of Library and Information Centers	80	4	3	1	0	10	10	20	100	4Hrs / week
HC1.3	Knowledge Organization: Library Classification : (Theory)	80	4	3	1	0	10	10	20	100	4Hrs / week
HC1.4	Knowledge Organization Library Classification (Practical)	80	4	0	1	3	10	10	20	100	7Hrs / week
HC1.5	Fundamentals of Information communication Technology	80	4	3	1	0	10	10	20	100	4 Hrs / week
HC1.6	Fundamentals of Information communication Technology(Practical	80	4	0	1	3	10	10	20	100	7Hrs / week
	Soft core										
SC1.1	Public library system	80	4	3	1	0	10	10	20	100	4Hrs / week
SC 1.2	Academic libraries	80	4	3	1	0	10	10	20	100	4Hrs / week
SC 1.3	Special libraries	80	4	3	1	0	10	10	20	100	4Hrs / week
	Total credits and Marks		**28**							**700**	**34 hours / week**

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REVISED SYLLABUS

Course Outline for M.L.I.Sc Course.

COURSE STRUCURE AND PATTERN FOR MASTER OF LIBRARY AND INFORMATION SCIENCE

SEMESTER-II

Paper Code	Title of the Paper	Max. Marks	Total credit	L	T	P	IA		Total IA	Total Marks	Teaching Hrs.
	Hard core						C1	C2			
HC 2.1	Library Automation	80	4	3	1	0	10	10	20	100	4Hrs / week
HC 2.2	Information retrieval: Library Cataloguing	80	4	3	1	0	10	10	20	100	4Hrs / week
HC 2.3	Library Automation (Practical)	80	4	0	1	3	10	10	20	100	7Hrs / week
HC2.4	Information retrieval: Library Cataloguing (Practical)	80	4	0	1	3	10	10	20	100	7Hrs / week
HC 2.5	Information Sources	80	4	3	1	0	10	10	20	100	4 Hrs / week
	Soft core		0								
SC 2.1	Information Literacy	80	4	3	1	0	10	10	20	100	4Hrs / week
SC 2.2	Information science	80	4	3	1	0	10	10	20	100	4Hrs / week
	Open Elective		0								
OE 2.1	Library and Users	40	2	2	0	0	10	-	10	50	2Hrs / week
OE 2.1	**Total credits and Marks**		**26**							**650**	**32 Hours / week**

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SECOND SEMESTER:
HARD CORE:
HC 2.1 LIBRARY AUTOMATION
(Hours of Teaching: L: T: P= 3:1:0)

Objectives:

1. To provide information regarding the importance of Library automation in Higher Education Institutions (HEIs).
2. To develop required Library Automation handling skills as well as hardware and software handling skills.

Course Outcomes (Cos):

1. Understand the basics of Library Automation.
2. Learn different Library Software Packages including Open-Source Software
3. Get acquainted with different kinds of modules and understand their structure and components.

Unit 1 Basics of Library Automation:

- Library Automation: Concept, need, definitions, objectives
- Brief History of Library Automation
- Areas of Library Automation
- Planning Infrastructure - Manpower, Financial, Hardware, furniture and Equipment

Unit 2 Modules of Library Automation:

- Integrated Library Automation System:
- Basic Requirements, Steps and Implementation.
- Components of Library Automation Systems - Acquisition, Cataloguing, Circulation, Serials Control System and OPAC

Unit 3 Library Software:

- Development of Library Software
- Library Automation Software: Free, Commercial and Open Source Software
- Library Software Packages: Salient features of SOUL, EasyLIb, LIBSYS, Koha and NewGenLib, DBMS, MS Access, WINSIS
- Criteria for Evaluation of Library Automation Software Packages
- Criteria for selection of Computers for Libraries.

Unit 4 technologies in library automation:

- Futures, functions and applications of Barcode, RFID, QR-CODE, Cloud computing, and others.
- Computerized Library and Information Services
- Library Automation Standards

Unit 5 Trends in Library Automation:

- Library Automation in India: Situation, Issues and problems
- Trends and Future of Library Automation

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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HC 2.2: INFORMATION RETRIEVAL: LIBRARY CATALOGIUNG

(Hours of Teaching: L: T: P = 3:1:0)

Objectives:

1. To understand the theory, functions and standards of Cataloguing.
2. To impart skills in cataloguing documents.

Course Outcomes (COs):

1. Understand and learn the basics of cataloguing, importance of Library cataloguing.
2. Understand the logic of Knowledge Organization by learning different codes of Library cataloguing.
3. Learn the importance of ISBD in maintaining uniformity in cataloguing the records.

Unit 1 Library Catalogue:

- Library Catalogue: Meaning, Definitions, Objectives, Purposes and Functions
- History and Development of Library Catalogue Codes
- Physical Forms of Library Catalogue and Types of Catalogue
- Format of Catalogue Entries: Kinds of Entries
- Data Elements in different Types of Entries
- Filing of Entries

Unit 2 Resource Description Standards:

- Resource Description Standards: AACR-2 and CCC - Introduction, Choice and rendering of Personal and Corporate Names;
- Conflicts of Authorship;
- Complexities of Periodical and Publications;
- Cataloguing of Print and Non-Print Media including Electronic Publications

Unit 3 Normative Principles:

- Normative Principles: Laws, Canons and Principles
- Subject Headings: Origin and Development, Chain Procedure
- Bibliographic Description and Control: Overview, Standards of Bibliographic Record Format – ISBD, ISBN, ISSN, CODEN, MARC, CCF, ISO 2709

Unit 4 Basics of Metadata:

- Metadata: Meaning, Definition, basic features, Purpose, Use and types.
  Metadata standards: MARC-21, Dublin Core TEI, RDF.

Unit 5 Trends in Cataloguing:

- Latest Trends in Cataloguing: WebOPAC's and Z39.50

REFERENCES

Anglo American Cataloguing Rules: 2nd Rev. ed. (2002). New Delhi: Oxford.

Cristán, A. L., &Tillett, B. B. (2009). IFLA cataloguing principles: the statement of international cataloguing principles (ICP) and its glossary: in 20 languages. München: K. G. Saur.

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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HC: 2.3 Library Automation (Practical)

(Hours of Teaching: L: T: P= 0:1:3)

Learning Objectives (LO):

- To impart practical training in the use of library automation software;
- To familiarize students with open source, free and proprietary library automation software;
- To gain the knowledge of installation and setting up of global parameters;
- To provide hands on training specific modules of popular library automation software;
- To know the process of report management, data export and import, and data security;
- To gain the capacity of operating user interfaces OPAC/Web OPAC;
- To explore the emerging trends and issues in library automation and impact of modern technologies in library services.

Course Outcome

Have the knowledge of installation and configuration of library automation software;

CO2 Carry out library housekeeping operations using library automation software;

CO3 Develop practical skills in working with different modules of library automation and management tools.

CO4 Able to import and export bibliographic information from other bibliographical databases.

(Each student shall compulsorily maintain the practical record and submit the same before the commencement of theory examination)

Unit 1	:	Installation of library automation software - Koha/NewGenLib/e-Granthalaya.	20 hrs
Unit 2	:	Basic parameters of any one software and working with **administration module and system parameters.**	15hrs
Unit 3	:	Working with modules: Cataloguing, acquisitions, patron management, circulation, serial control, OPAC/Web OPAC.	15hrs
Unit 4	:	**Report management, export and import of bibliographical data, data security.**	12hrs
		Total	**62hrs**

Formative Assessment for Practical	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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HC 2.4: INFORMATION RETRIEVAL: LIBRARY CATALOGUING (Practical)

(Hours of Teaching: L: T: P= 0:1:3)

- To prepare catalogue entries for books and non-book materials using Anglo American Cataloguing Rules;
- To derive subject headings to all entries Sears List of Subject Heading;
- To catalogue single personal authorship, joint authorship, works of more than three authors;
- To catalogue collaborative works, series, multivolume works, serials, and uniform titles;
- To catalogue corporate authorship like government publications, conference/seminar proceedings, workshops, and other corporate bodies;
- To catalogue non-book materials like cartographic materials, microforms and manuscripts;
- **Course Outcome (CO):**
- CO1 Applying theoretical knowledge of cataloguing into hands-on practice;
- CO2 Clear understanding of standards like Anglo American Cataloguing Rules and Sears List of Subject Heading;
- CO3 Understanding the structure of catalogue card, various areas of bibliographical descriptions and different punctuations for cataloguing of documents;
- CO4 Knowledgeable and capable of cataloguing different documents at their workplace.

Cataloguing of Documents according to latest edition of AACR/RDA

(Each student shall compulsorily maintain the practical record and submit the same before the commencement of theory examination)

Unit 1	:	Preliminaries of Anglo American Cataloguing Rules / and Sears List of Subject Headings.	15 hrs.
Unit 2	:	Single personal author and shared responsibility with editorial direction, series and multi volumes.	15 hrs.
Unit 3	:	**Corporate bodies, serials and uniform titles**	**12 hrs.**
Unit 4	:	**Non book materials: Cartographic materials, microforms and manuscripts, sound recordings, video recordings and electronic resources.**	**20 hrs.**
		Total	**62hrs**

Formative Assessment for Practical	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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HC 2.5 INFORMATION SOURCES

(Hours of Teaching: L: T: P= 3:1:0)

(Lectures = 3 X 16 =48hrs)

(Tutorials = 1 X 16 = 16 X 2 =32 hrs)

Objectives:

1. To familiarize students with the meaning, definition, use and implications of Information Sources;
2. To study the primary, secondary tertiary sources of information sources;
3. To understand the electronic information sources;

Course Outcome (CO):

1. Understand the concept, types and importance of information / reference sources;
2. Clearly understand the major information resources related to primary sources of information;
3. Understand the important secondary sources of information like dictionaries, encyclopedias, handbooks and manuals, etc.;
4. Understand the relevant tertiary sources of information like directory of directories, bibliography of bibliographies, union catalogues, guides to subject literature, and evaluation of both print and electronic information sources;
5. Know the different non-documentary sources like human and institutional sources of information;
6. Understand the concept, types of e-journals, e-books, e-theses, e-newspapers, blogs and wikis, online dictionaries and encyclopedias of e-resources;
7. Clearly understand the current trends in information sources different types of library andinformation services especially in academic libraries.

Unit 1 : Information Sources:

- Meaning, definition, importance, characteristics, functions,
- criteriafor evaluation of information sources;
- Types of information sources.

Unit 2 : Primary Sources:

- Periodicals, research reports, conference and seminar proceedings,official publications, patents, standards, trade literature and thesesand dissertations.

Unit 3 : Secondary Sources:

- Indexing periodicals, abstracting periodicals, bibliographies,treatises, monographs, textbooks;
- Reference books: dictionaries, encyclopaedias, handbooks,manuals, yearbooks, almanacs, directories, biographical sources,geographical sources, statistical sources, current reference sources.

Unit 4 : Tertiary Sources:

- Directories;Guides to reference sources;Bibliography of bibliographies;
- Directory of directories;
- Union catalogues.

Unit 5 : Human , Institutional and Electronic Sources:

- Human sources: Information generators; information gatherers; information processors; information recorders; informationdisseminators; information retrievers; information technologists;
- Institutional / organizational sources: government ministries anddepartments, R & D organizations, learned societies, publishinghouses, archives, data banks, information analysis centres, referral centres,
- institutional web sites' e-journals, e-books, e-theses, e-newspapers, Blogs, and Wikis, Online dictionaries and e-encyclopedias: free and proprietary, andother e-resources.

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Fjallbrant, N. &Stevension, M. (1970). User education in libraries. London: Clive-Bingley.

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

SOFT CORE (Any One)
SC 2.1: INFORMATION LITERACY
(Hours of Teaching: L:T:P = 3:1:0)

Objectives:

1. To make students understand the importance of Information Literacy.
2. To impart skills to conduct Information literacy training programmes.

Course Outcomes (COs):

1. Understand the importance of Information literacy concept.
2. Develop Internet search strategies by making use of different tools and techniques.
3. Appropriately use the web for research, including critical evaluation of information.

Unit 1 Fundamentals of Information Literacy:

- Fundamentals of Information Literacy: Concept, Need and Objectives
Historical Perspectives
- Essence of Information Literacy in the Knowledge Society
- Areas of Information Literacy
- Standards in information Literacy

Unit 2 Types of Information Literacy:

- Types of Information Literacy: Technology Literacy, Media Literacy, Computer Literacy, Digital Literacy - Research Literacy

Unit 3 Information Literacy Standards:

- Information Literacy Standards: ALA, ACRL and IFLA Guidelines
- IL Models: Ellis model, Kuhlthau model, SCONUL and Empowering 8TM models, PLUS Model etc.
- Partners of Information Literacy

Unit 4 IL and Lifelong Learning:

- Lifelong Learning and Information Literacy: Meaning, Definition, Importance
Life Long Learners
- Major Drivers of lifelong learning
- Role of Information Literacy in higher education
- Global Perspectives of Information Literacy
- National Information Literacy Missions, Forums and Task forces
- Information Literacy Initiatives and Programmes in India

Unit 5 Information Literacy Products:

- Information Literacy Products: Library Brochure, Database Brochure, Web- Based,
- Access Instructions, Information Bulletin
- Designing of Information Literacy Programme
- Implementation of Information Literacy Programs
- Trends in Information Literacy

REFERENCES

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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SC 2.2 INFORMATION SCIENCE

(Hours of Teaching: L: T: P= 3:1:0)

Objectives:

1. To make students understand the Information life cycle.
2. To introduce various channels of communication of information and economics of information.

Course Outcomes (Cos):

1. Understand the importance of Data, Information, Knowledge and Wisdom and to bring out the intrinsic relation between them.
2. Identify and outline the different channels of Communication in the transmission of information and knowledge.
3. Understand the type of education and training required for LIS Professionals to render quality services to the user community.

Unit 1 Information Science as a Discipline:

- Conceptual differences between Data, Information, Knowledge and Wisdom (DIKW Model)
- Information: Meaning, Definition, Nature and Properties
- Value and Notion of Information
- Knowledge: Nature, Types, Value and Characteristics features
- Role of information in planning, policy and decision Making, R & D and Industries
- Influence of other Scientific Disciplines on information Science
- Information Science as a Discipline

Unit 2 Information and Communication:

- Information Generation, Dissemination and Utilization
- Scientific Method of Enquiry, Transfer and Communication of Information through Various Channels
- Role of Scientific Communication; Formal and Informal Communication; Invisible colleges etc.
- Informal Exchange Groups and Social Networks
- Barriers to Information Communication

Unit 3 Information Economics:

- Information as a Resource / Commodity
- Economics of information: Principles, Costing, Pricing and cost Benefit Analysis
- Distributing and Marketing of Information: Strategies, Techniques and Products

Unit 4 Library and Information Policy:

- Library and Information Policy: Need, Importance and issues to be considered in the framing of National Information Policy
- Intellectual Property Rights: Concept, Copyright, Censorship - print, Non-print including Web resources.

Unit 5 Theoretical aspects of Information Science:

- Information Science: Meaning, Definition, Origin, Development and Evolution of Information Science
- Theoretical Foundations and Framework of Information Science
- Physical and Cognitive Paradigms
- Education for Library and Information Science Professionals

REFERENCES

Ackerman, Mark S. (et al.). Sharing Expertise: Beyond Knowledge Management. Boston: MIT Press. 2003

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Assignment and Seminar	05
Attendance	05
Total	**20**

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OPEN ELECTIVE:

1.2 Library and Users

(Hours of Teaching: L: T: P= 2:0:0)

COURSE OUTCOMES (COs):

1. Understand the different category of library users and their information needs.
2. Know the Information Seeking Behavior (ISB) of users and to develop ability to recognize the different patterns adopted by users in retrieving and making use of information.
3. Conduct User Studies by adopting different methods and techniques.
4. Understand the importance of information and identification of potential sources and their evaluation.
5. Know the significance of Life Long Learning.

Unit 1: Information Users and their Needs

- User Communities: Students, Teachers, Scientists and Technologists, Research and Development Personnel, Planners, Policy Makers, Ethnic groups and other professionals
- Need and Information Needs: Meaning, Definition, Distinction between need, want, demand and requirement,
- Types of Information Needs: Physiological, Affective and Cognitive
- Information Seeking Behavior: Meaning, Definition, Different Models of ISB.
- ISB in the Digital Environment

Unit 2: Methods and Techniques of conducting User Studies

- User Studies: Concept, Meaning, Definition and its significance
- User studies in the Digital Environment;
- Planning of User studies; Case studies
- Quantitative and Qualitative Techniques: Survey Method,
- Techniques of data collection, Questionnaire, Interview, Observation, Diary, Record Analysis and Citation Studies; Sampling: Sampling techniques.

Unit 3: User Education and Information Literacy

- User Education: Meaning, Definitions and Importance; User Education in the digital environment.
- Methods of conducting User Education; Evaluation of User Education Programs (UEP)
- Resource Based Instruction, MOOCS, Online Resources
- Information Literacy: Conceptual Analysis, Historical Development of the concept, Significance; Types of Literacies; Information Literacy Models
- Life Long Learning: Life Long Learners; Major Drivers of lifelong learning

Unit 4: Global Trends

- IL Standards and Guidelines.
- Development of National and International Standards
- National Information Literacy Missions, Forums and Task forces
- Integration of Information Literacy at different levels of education
- Global Perspectives, Information Literacy in India

REFERENCES

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Formative Assessment for Theory	
Assessment Occasion / type	**Marks**
Internal Assessment Test -1	05
Internal Assessment Test -2	05
Total	**10**