Syllabus

Department of PG Studies in Master of Library and Information Science

(I to IV Semester)

Choice Based Credit System

With effect from 2016-2017
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**First Semester Modules**

<table>
<thead>
<tr>
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<th>MLIS-H 101: Foundations of Library and Information Science</th>
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<td>MLIS-H 104: Information Technology Basics</td>
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<td>MLIS-S 106: Scholarly Communication</td>
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**Second Semester Modules**

<table>
<thead>
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<th>MLIS-H 201: Management of Libraries and Information Centres</th>
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<td>16</td>
<td>MLIS-H 202: Information system and services</td>
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<td>MLIS-H 204: Library and users</td>
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<td>MLIS-S 205: Academic Libraries system</td>
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<td>MLIS-S 206: Public Libraries system</td>
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<td>MLIS-OE 207: Research Writing</td>
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**Third Semester Modules**

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<td>23</td>
<td>MLIS-S 302: Library Automation and Networking</td>
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<td>24</td>
<td>MLIS-H 303: Library Automation Practical and Tour</td>
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<td>MLIS-H 304: Research Methods and statistical Techniques</td>
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<td>MLIS-S 305: Conservation and Preservation of Information Resources</td>
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<td>MLIS-S 306: Information consolidation and Re-packaging</td>
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<td>MLIS-OE 307: Digital Library</td>
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**Fourth Semester Modules**

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<td>MLIS-H 402: Digital Library</td>
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<td>MLIS-H 403: Marketing of Information products and services</td>
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<td>MLISH 404: Project Work</td>
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<td>MLIS-S 405: Digital Library Practical</td>
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<td>MLIS-S 406: Webometrics, Informatics &amp; Scientometrics</td>
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<tr>
<td>31</td>
<td><strong>Question Paper Pattern for Master of Library and Information Science Semester (CBCS) PG Examinations</strong></td>
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</table>
# Credits Matrix for
Master of Library and Information Science [MLISc] Program
WEF 2016-17 Academic Year

## First Semester

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
<th>Marks</th>
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<td>IA 30</td>
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<td>MLISH 102</td>
<td>Information Sources</td>
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<td>IA 30</td>
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<tr>
<td>MLISH 103</td>
<td>Information Processing &amp; Retrieval – I: Cataloguing &amp; Classification Theory</td>
<td>4</td>
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<td>Information Technology Basics</td>
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### Master of Library and Information Science [MLISc] Program
#### WEF 2016-17 Academic Year

## Second Semester

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<tr>
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<td>Information system and services.</td>
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<td>Information Processing &amp; Retrieval – II: Practical, UDC and AACR-2</td>
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<td>Library and users</td>
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<td>Public Library system</td>
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Master of Library and information Science [MLISc] Program
WEF 2016-17 Academic Year

### Third Semester

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<td>Library Automation practical and Tour.</td>
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<td>MLISH 304</td>
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<td>Conservation and Preservation of Information Resources</td>
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<td>MLISS 306</td>
<td>Information consolidation and Re-packaging.</td>
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<tr>
<td>MLISH 401</td>
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<td>MLISH 403</td>
<td>Marketing of Information products and services.</td>
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<td>Project work</td>
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**Total credits for Semester IV [Hard core 16 + Soft core 04] 20**
Master of Library and Information Science: Semester I


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<tr>
<td>Total Credit =04</td>
<td>Internal Marks : 30 and Exam Marks : 70 = 100</td>
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Objectives:

- To acquaint students with basic philosophy of Library and Information Science
- To understand the role and evolution of Library as a social institution


Module II: Library Development

Role of Central Govt. in Development of Libraries in India with Special Reference to Karnataka- Development of Public Libraries in Karnataka after the enactment of Karnataka Public Library (KPL) Act, 1965.

Module III: Laws Relating to Libraries and Information Centres


Module IV: Library and Information Science Profession and Professional Associations.

Attributes of a Profession- Librarianship as a Profession- Professional Ethics and Qualities- Professional Education and Research- Professional Associations- Objectives and Functions- Role of Professional Associations in the Development of Library and Information Centres and Professionals.
- Regional Library Associations- Objectives, Functions and Activities, KALA
- National Library Associations- Objectives, Functions and Activities, ILA, IATLIS, IASLIC- International Library Association- Objectives, Functions and Activities, IFLA, ALA, LA.- Promoters of Library and Information Services, National Level: RRRLF, International Level: UNESCO
Module V: Public Relations and Extension Activities

Concept, Definition, and Scope- Facets and Programmes- Publicity and Extension, Outreach Activities;- Library Path Finders (Guides)

Selected Readings:

Master of Library and Information Science: Semester I

MLIS-H 102: Information Sources

<table>
<thead>
<tr>
<th>Sub Code: MLISH 102</th>
<th>No. of Lecture Hours per week : 04</th>
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<tr>
<td>Total Credit =04</td>
<td>Internal Marks : 30 and Exam Marks : 70 = 100</td>
</tr>
</tbody>
</table>

Objectives:

- To familiarize students with a broad range of standard reference and Information Sources (Documentary), Non-documentary, Institutional and Human sources of Information).
- To develop skills for handling information sources.

Module I: Introduction to Information Sources and Types of Information Sources

10 Hours

- Documentary Sources and Non –Documentary Sources, Human and Institutional sources,- Non–print and Electronic sources.

Module II: Primary, Secondary and Tertiary Sources

16 Hours

(Print and Electronic Versions)

Periodicals, Technical reports, Patents, Standards and Specifications, Theses and Dissertations, Conference and Seminar publications, Trade literature, etc.
- Dictionaries, Encyclopedias, Yearbooks and Almanacs, Biographical sources, Bibliographies, Geographical sources, Current sources, Statistical information sources, Handbooks and Manuals, Abstracting and Indexing periodicals, Annual reviews etc.

Module III: Tertiary Sources (Print and Electronic Versions)

10 Hours

Directories, Guides to subject literature, Bibliography of bibliographies, Monographs, Union catalogues, Textbooks, etc.

Module IV: Non documentary Sources and their Electronic Versions

12 Hours


b) Institutional / Organizational Sources: Government ministries and departments,R& D organizations, Learned societies, Publishing houses, Broadcasting stations, Archives, Data banks, Information analysis centers, Referral centers, Institutional web sites, etc.
Module V:  Non – Print and Electronic Sources  

12 Hours

Microforms, Audio visual materials, Optical media based databases, Online databases, List servers, Open access resources, Internet sources, E-books, EJournals, E-Thesis, E-News papers, Blogs, Wikis, Subject Gateways and Portals.

Selected Readings:

Master of Library and Information Science: Semester I
MLIS-H 103: Information Processing & Retrieval – I:
Cataloguing & Classification Theory.

<table>
<thead>
<tr>
<th>Sub Code: MLISH 103</th>
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</table>

Objectives:

- To help students to develop an understanding of organizing information sources.
- To understand the principles and practices of document description including electronic documents.

Module I: Knowledge Organization 10 Hours

History and Development of Classification: Knowledge Classification,
- Library Classification: Meaning, definitions, nature, purpose and importance.
- General Theory of Classification:
  □ Descriptive Theory
  □ Dynamic Theory
- Major Contributions by S.R. Ranganathan to classification Theory.

Module II: Design and Development of Classification Schemes 12 Hours

- Species of Library Classification: Enumerative, Almost Enumerative, Almost Faceted, Rigidly Faceted, Freely Faceted Classification.
- Standards Schemes of Classification: CC, DDC, UDC

Module III: Bibliographic Description 12 Hours

Cataloguing – Meaning, Definition, Need, Purpose and Functions of Library Catalogue.
- Evolution of Catalogue- Physical Forms : Inner Forms and Outer Forms- Different kinds of entries- Cataloguing codes, AACR2 (latest Edition)
- Resource Description and Access (RDA)- Types of Catalogue: Cooperative and Centralized Cataloguing, Union Catalogue- Standardization of Bibliographic Description: ISBD (M), ISBD(S), ISBD(G),ISBD (NBM) and ISBN- Recent Trends in Library Catalogue: Online Public Access Catalogue (OPAC)- Bibliographic Record Format – MARC21, UNIMARC, CCF

Module IV: Normative Principles of Cataloguing and Subject Heading 18 Hours

Background and Development of Normative Principles.
- General Normative Principles: Laws.
- Specific Normative Principles of Library and Information Science.
- Specific Normative Principles of Cataloguing: Canons.
- Impact of Normative Principals, Laws and Canons on Library Cataloguing.
Purpose and Objectives of Subject Cataloguing: Design and Construction
- Sears list of Subject Heading.
- Specific Indexing Techniques: Chain Indexing, Preserved Context Index System (PRECIS), Postulate-based Permutated Subject Indexing (POPSI), Computer Aided Subject System (COMPASS).
- Subject Headings: General – Sears List of Subject, Library of Congress Subject List; Subject oriented: MeSH, SHE.

Module V: **Meta Data** 08 Hours
Meaning Definition, Purpose and Importance of Metadata
- Basic Features of Metadata
- Types of Metadata
- Elements of Metadata
- Metadata Standards: Dublin Core, Mark 21.
- Benefits of Metadata for Libraries and Users.

**Selected Readings:**

Master of Library and Information Science: Semester I
MLIS-H 104: Information Technology Basics

Sub Code: MLISH 104
No. of Lecture Hours per week : 04
Total Credit =04
Internal Marks : 30 and Exam Marks : 70 = 100

Objectives:

- To introduce the structure of universe of knowledge
- To understand the principles and practices of document description including electronic documents.

Module I: Information Technology - Introduction to Computer
12 Hours

Module II: Computer Architecture
10 Hours
Components of a Computer: Central Processing Unit, Input and Output Devices, Internal and External Storage Devices.

Module III: Software
12 Hours

Module IV: Data Representation and File Organization
14 Hours
Data representation in computers- Number Systems: Binary, Decimal, Octal and Hexadecimal (Addition, Subtraction of Number Systems) - File Concepts, Methods, Functions, Sequentialal, Inverted, Indexed, and other methods.

Module V: Overview of Programming Languages
12 Hours
Concept, Need, Examples - Machine, Assembly and High level programming languages - Programming Concepts: System Analysis, Algorithms and Flow-Charts

Selected Readings:

Technology, Malcolm Brynin, Sara Kiesler, New York, Oxford University Press.
Master of Library and Information Science: Semester I
MLIS-S 105: Information Processing & Retrieval – I:
Cataloguing & Classification Practical.

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<td>Internal Marks : 30 and Exam Marks : 70 = 100</td>
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</table>

Objectives:
- To train the students in the methods of description of various sources.
- To develop knowledge and skills cataloguing special documents (Printed and Non-printed) by using standard cataloguing systems

Module I: Classification of Documents (DDC latest edition). 12 Hours
Identification of Specific Subjects of the Documents- Classification of documents representing simple, compound and complex subjects.

Module II: Classification of Documents (DDC latest edition). 10 Hours
Use of Standard sub-division (table 1) in DDC. - Use of tables in DDC: From table -2 to table 7. - Assigning Book Number - Web Dewey.

Module III: Cataloguing of Documents 12 Hours
Cataloguing of Simple Documents- Cataloguing of Complex Documents

Module IV: Cataloguing of Documents 14 Hours
Cataloguing of Serials

Module V: Cataloguing of Documents 12 Hours
Subject Cataloguing- Assigning Subject Headings Using at least one standard list of Subject Headings (Sears list of subject Heading/ Library of Congress Subject Headings)

Selected Readings:


Master of Library and Information Science: Semester I  
MLIS-S 106: Scholarly Communication

<table>
<thead>
<tr>
<th>Sub Code: MLISS 106</th>
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</table>

Objectives:

- To enable students to gain hands on experience on Scholarly communication.
- To facilitate students to observe, understand and practice use of IT in a selected Libraries and Information Centers.

Module I: Republic of Science and Scholarship 10 Hours
Republic of Science and Scholarship: Foundations of Science and scholarship. Principles and paradigms of scientific culture/scholarship: Historical perspective of scholarly communication systems. Scholarship and scholarly traditions

Module II: Evolution of Internet/Electronic publishing 12 Hours
Study of journals, their functions, working and processes. The importance of scientific and professional societies in journal publishing; the peer review process; the migration of peer review journals from print to Web–based; Serials pricing crisis phenomena.

Module III: Open Access Movement 12 Hours
Rise of Internet as game changer in scholarship, communication, and daily lives.- Evolution of Internet/Electronic publishing: Web 2.0 and the mergence of Wikipedia; slideshare; You Tube; blogs and others as mainstream media. E-Science, Open Data and cyber Infrastructure.

Module IV: Copyrights issues 14 Hours
Open Access Movement: understanding OA—concepts, principles, ideology and philosophy of Open Source, Open Content; Open Educational Materials and Open Access to scientific literature; the Green and Gold route to OA. Familiarity with the people and organizations behind the OA movement.  
- Study of Open source software for IR and DL: DSpace; Eprints ; Fedora ; Kete

Module V: 12 Hours
Selected Readings:


16. Presentation at International Academy of Nurse Editors conference, London, August 2003. Available at:

17. Conference_London_GTV2.ppt
# Master of Library and Information Science: Semester II
## MLIS-H 201: Management of Libraries and Information Centres

<table>
<thead>
<tr>
<th>Sub Code: MLISH 201</th>
<th>No. of Lecture Hours per week : 04</th>
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<tbody>
<tr>
<td>Total Credit =04</td>
<td>Internal Marks : 30 and Exam Marks : 70 = 100</td>
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</table>

**Objectives:**
- To familiarise students with the concept of Management and its approach.
- To make them understand the managerial work and skills in library environment.

## Module I: Management 10 Hours
- Concept, Meaning, Definitions and Scope;
- Management Schools of Thought;
- Functions and Principles of Management;
- Scientific Management, Principles of Scientific Management and their application to Library and Information Centres- Organizational Structures

## Module II: Library House Keeping Operations 12 Hours
- Different Sections of Library and Information Centre- Book Selection and Acquisition: Purpose, Objectives, Need and Functions.
- Book Selection Tools and Principles of Book Selection- Technical Processing- Serial Control, Circulation Control, Maintenance etc.
- URLs - Collection Development and Management Policies, Procedures. - Archiving - Conservation-Preservation, Print and non-print materials

## Module III: Human Resource Planning, Management and Development 12 Hours
- Job Description, Analysis and Job Evaluation; - Recruitment procedures;
- Motivation, Delegation, and Decision Making; - Training and Development
- Performance Appraisal- Leadership Qualities

## Module IV: Financial Management and System Analysis and Design 14 Hours
- Concepts, Meaning and Definitions - Study of a System - Performance Evaluation of Library and Information Centres - Performance Measurement
- Management of Information systems (MIS): Concept, Use - Project Management, PERT / CPM.

## Module V: Planning and Reporting 12 Hours
- Concept, Definition. Need, and Purpose; Types - Policies and Procedures, MBO - Building and Space Management in Libraries and Information Centres
- Library Statistics - Library Committees: Importance, Types and Functions
- Library Rules and Regulations - Annual Report: Compilation, Contents and Style
Selected Readings:
Master of Library and Information Science: Semester II
MLIS-H 202: Information system and services.

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</table>

Objectives:

- To acquaint with the students with basic concepts of computers and other information technologies.
- To provide skills in using computers and communication technologies.

Module I: Information Systems 10 Hours

- Basic concept, Types, Characteristics and components. Planning and Organisation of Information Systems.
- Different kinds of documents: Dictionaries, Encyclopedias, Ready Reference Sources, Statistical Sources, Geographical sources, Biographical sources, Patents, Stadards, Theses, Reports, Standards and Specifications, etc.

Module II: Libraries, Documentation, Planning, Designing and Evaluation of National and International Information Systems 12 Hours


Module III: National and International Information Systems and Services 12 Hours

- NAPLIS (National Policy on Library and Information Systems). NISCAIR, DESIDOC, NASSDOC, SENDOC, INFLIBNET, NISSLAT. - UNESCO-PGI, AGRIS, INIS, INSPEC, DEVESIS, MEDLARS, ICSU, BIOSIS, UNISIST.

Module IV: Reference Service 14 Hours

- Meaning, Definition and Scope.- Need and Purpose of Reference Service.

Module V: Open Access Initiatives 12 Hours

- Open access: Concept, Need, Characteristics and Types. - Open Access Initiatives in India. - Evolution of Institutional repositories - Institutional repositories-concepts and issues - Repositories and Open Archives - Implementing institutional repositories - Institutional repository software-Key features and functionality. - IR and Case Studies. - Document Delivery Services.
Selected Readings:

11. From Library automation to distributed information access solution. West Port: Libraries Unlimited.
Master of Library and Information Science: Semester II
MLIS-H 203: Information Processing & Retrieval – II:
Practical, UDC and AACR-2

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</table>

Objectives:

- To help students to develop an understanding of organizing information sources.
- To understand the principles and practices of document description including electronic documents.

Module I: Universal Decimal Classification (UDC) 10 Hours
Introduction to the Structure of UDC- Use of Common Auxiliaries- Use of Special Auxiliaries- Construction of the Class numbers- Filing Order and Citation Order- Assignment of Book Numbers

Module II: Cataloguing of Non Book Materials according to AACR-2 12 Hours
Cataloguing of Cartographic Materials

Module III: 12 Hours
Cataloguing of Microforms

Module IV: 14 Hours
Cataloguing of Sound Recordings, Motion Pictures and video Recordings

Module V: 12 Hours
Cataloguing of Electronic Resources

Selected Readings:

Master of Library and Information Science: Semester II  
MLIS-H 204: Library and users

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</table>

Objectives:
- To introduce the structure of universe of knowledge
- To understand the principles and practices of document description including electronic documents.

Module I: Information users and their needs  
10 Hours

Category of 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- Information Seeking Behavior: Meaning, Definition, Different Models of ISB

Module II: User Studies, Methods and Techniques of conducting user studies in Library and Information Centre  
12 Hours

Meaning, Definitions and Importance- Planning and organization of User Studies- Case Studies- Information Use Studies- Quantitative and Qualitative Techniques- Survey Methods: Techniques of data collection- Questionnaire, Interview, Observation, Diary, Record Analysis and Citation Studies - Sampling: Types of sampling

Module III: User Education  
12 Hours

Meaning, Definitions and Importance- User Education in the electronic environment- Different methods of conducting User Education- Evaluation of User Education Programs (UEP)- Resource Based Instruction

Module IV: Life Long Learning  
14 Hours

Meaning, Definition, Importance- Life Long Learners- Major Drivers of lifelong learning

Module V: Global perspectives  
12 Hours

Development of IL Standards and Guidelines: National and International - National Information Literacy Missions, Forums and Task forces - Integration of Information Literacy at different levels of education - Information Literacy in India
Selected Readings:

Master of Library and Information Science: Semester II
MLIS-S 205: Academic Libraries system.

Sub Code: MLISS 205
No. of Lecture Hours per week : 04
Total Credit =04
Internal Marks : 30 and Exam Marks : 70 = 100

Objectives:

- To provide an understanding of need for library and information service support to different types of Public Libraries.
- To help students to understand the nature of information sources, Information users and Information services in Libraries.

Module I: Academic Libraries, Evolution of Higher Education and Libraries in India 10 Hours

- Meaning, Definition, Importance, Functions.
- Types of Academic Libraries.
- School, College, University Libraries- Role of Libraries in Higher Education.
- Higher Education and Libraries in India before independence and after independence.
- Role of Academic Libraries in the present electronic environment.
- Challenges of Academic Libraries.

Module II: University Grants Commission (UGC), Collection Development and Management in Academic Libraries 12 Hours

- Establishment of UGC.
- Role of UGC in the Development of Academic Libraries.
- Ideal Characteristics of Academic Library collection.
- Meaning and Definitions of collection development.
- Book selection procedure.
- Collection development policy in the digital environment.
- Problems of collection development.
- Copyright uses in the digital environment.

Module III: Academic Library Services 12 Hours

- Digital Reference Services (DRS).
- Current Awareness and SDI Service (CAS & SDI).
- E-mail Altering Services.
- Electronic Document Delivery Services (EDDS).
- Database Services.
- User Education and Information Literacy.

Module IV: Academic Library Management 14 Hours

- Human Resource Development (HRD) and Financial management in Libraries.
- HRD: Meaning, definitions and importance.
- Manpower planning and training: Continuing Education Programmes (CEPs) for Librarians.
- Financial Management: Types of Budgeting, Lumpsum Budget, Zero Based Budget (ZBB) and Program Planning Budgeting System (PPBS).
Module V: Library Networking 12 Hours

Library/Information Networking: Definition, need and importance.
- Information Network Development in India: DELNET, INFLIBNET,
  VIDYANET, ERNET.- Library Consortia: Emerging Trends.

Selected Readings:

   Publishers Pvt. Ltd.
   Library Association.
   Books.
    Ess Publications.
# Master of Library and Information Science: Semester II
## MLIS-S 206: Public Libraries system

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<tr>
<th>Sub Code: MLISS 206</th>
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### Objectives:
- To provide an understanding of need for library and information service support to different types of Academic Libraries.
- To help students to understand the nature of information sources, Information users and Information services in College and university Libraries.

### Module I: Public Libraries, Collection Development and Management 10 Hours
- Steps in collection development: Selection and Acquisition of different types of documents including non-book materials.

### Module II: Organization and Management of Information Resources and Services 12 Hours
- Organization of Library, Staff Manual, Statistics, Work Measurement and Standards.- Organization of Information Resources.- Planning and Organization of various types of Information services to the different.

### Module III: Human Resource Planning, Management and Study of Library Legislation 12 Hours

### Module IV: Financial Management 14 Hours
- Different types of Budget and Application of PPBS in Public Libraries.

### Module V: Library Automation and Library Users 12 Hours
- Study of Users and their needs, User Education and Public Library Standards.
Selected Readings:
15) http://www.egyankosh.in/book.php?course=MLIS&uid=1
Master of Library and Information Science: Semester II
MLIS-OE 207: Research Writing

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<tr>
<th>Sub Code: MLIS-OE 207</th>
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Objectives:

- To help students to understand the nature of information sources Information users and Information services in Bio-Medical Libraries and Information Centers.
- To provide an understanding of need for library and information service support to medical health & welfare areas.

Module I: Introduction of Technical Research Writing: 10 Hours

What, why and how of technical research writing, Literature review -Writing about methods, results and discuss of results -Referencing, academic, integrity and writing in different types of readers (research proposals, dissertations, journal articles)

Module II: Information Literacy (IL) and Types of Information 12 Hours

Literacy:

Fundamentals of IL: Meaning, Definitions and Concepts - History and Evolution - Need and Importance - Information Literacy and Libraries Technology Literacy- Media Literacy- Computer Literacy- Digital Literacy

Module III: Information Literacy Standards, Guidelines and Models 12 Hours

ALA, ACRL and IFLA Guidelines- Information Literacy Standards - Elliss model, Kuhlthau model, SCONUL and Empowering 8TM models - Partners of Information Literacy

Module IV: Life Long Learning and Information Literacy 14 Hours

Meaning, Definition, Importance- Life Long Learners- Major Drivers of lifelong learning- Role of Information Literacy in higher education- Role of information literacy in research- Impact of Information Literacy skills on Learning and Reading Habits.

Module V: Trends in Information Literacy Research and major IL Initiatives, Programmes 12 Hours

Current Trends and Research in Information Literacy - Integration of Information Literacy at different levels of education - Global Perspectives of Information Literacy
- Information Literacy Initiatives and Programmes in India.

**Selected Readings:**

Master of Library and Information Science: Semester III
MLIS-H 301: Information Communication

<table>
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<tr>
<th>Sub Code: MLISH 301</th>
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Objectives:

- To introduce the structure of universe of knowledge
- To understand the principles and practices of document description including electronic documents.

Module I: Data, Information and Knowledge 10 Hours

- Data: Types, Nature and Characteristics
- Information: Nature, characteristics, Value and Notion of Information
- Knowledge: Nature, Types, Value and Characteristics features
- Inter-relation of Data, Information and Knowledge

Module II: Information Management and Knowledge Management 12 Hours

- Information Management: meaning, definitions and value
- Role of new Information Manager
- Knowledge Management: meaning, definitions and types of knowledge
- Need for Knowledge Management
- Difference Between Information Management and Knowledge Management
- Knowledge Management Models

Module III: Information Science Communication 12 Hours

- Information Generation and Communication
- Channels and Levels of Communication
- Barriers of Information Communication
- Communication Modes and Models
- Information Science: meaning, definitions
- 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

Module IV: Information Society 14 Hours

- Genesis, Development and Evolution of Information Society
- Changing Role of Library and Information Centres in the Information Society
- Issues of Information Society: Social, Political and Economical
- Policies relating to Information: Right to Information and Intellectual Property Rights
- Concept of Freedom, Censorship, Data Security and Fair Use
- National and International Information Policies and Programmes: UAP, UBC

Module V: Economics of Information and Information Economics 12 Hours

- Economics of Information and Information Economics
- Information as a Resource and Factors of Production
- Economics of Information Sources and Production
Selected Readings:

15. www.netugc.com
Master of Library and Information Science: Semester III
MLIS-S 302: Library Automation and Networking

<table>
<thead>
<tr>
<th>Sub Code: MLISS 302</th>
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Objectives:

- To familiarize the students about Information technology and its application to Library and Information work.
- To give a basic knowledge about the Software aspects and Library automation packages.

Module I: Library Automation 10 Hours


Module II: Network concepts 12 Hours


Module III: Types of computer networks 12 Hours


Module IV: Network Security Issues and Measures 14 Hours

Module V: Library Networks

12 Hours

Historical Developments of Library Cooperation and Networking.- Library Networks: Study of the functions and activities of OCLC, RLIN, BLAISE, ERNET, JANET, NICNET, INFLIBNET, DELNET, BALNET, MANLIBNET.

Selected Readings:

7. DRTC(1999). Library networks in India (Seminar Papers). Bangalore, DRTC, ISI.
   Chichester: Wiley.
19. http://www.inflibnet.ac.in
20. http://www.delnet.nic.in
Master of Library and Information Science: Semester III
MLIS-H 303: Library Automation Practical and Tour

<table>
<thead>
<tr>
<th>Sub Code: MLIS-H 303</th>
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</table>

Objectives:

- To enable students to gain hands on experience using computers and communication technology.
- To design and develop database using any of the available software packages.

Module I: 10 Hours
Acquaintance, hands on experience and work assignment with any two of the library software packages: SOUL, EASYLIB, LIBSYS

Module II: 12 Hours
NewGenLib, Koha, NIC- E-Granthalaya

Module III: 12 Hours
Acquaintance, hands on experience

Module IV: 14 Hours
Work assignment with MS-Access

Module V: 12 Hours
WINISIS

Note: Education tour is compulsory and every student shall submit library education tour observation Report.
Master of Library and Information Science: Semester III
MLIS-H 304: Research Methods and statistical Techniques.

Sub Code: MLIS-H 304
No. of Lecture Hours per week : 04
Total Credit =04
Internal Marks : 30 and Exam Marks : 70 = 100

Objectives:

- To understand the role and importance of research in Library and Information Science.
- To introduce different methods and techniques of research.

Module I: Research: 10 Hours

Meaning and Definition, Need and Purpose; Steps in Research as a Process, Types of Research; Barriers to Research; Identification, selection and formulation of a research problem Hypothesis: Meaning and Definitions, Types, Formulation and Testing of hypothesis; Research Design: Definition, Types and their characteristics; Preparation of a research proposal.

Module II: Research Methods and Techniques/Tools: 12 Hours

Scientific Method, Historical Method; Survey Method, Case Study Method, Experimental Method, Delphi Method, Content Analysis, Informetrics and Scientometrics: Questionnaire; Schedule; Interview; Observation; Scales and Checklist; Library Records and Reports.

Module III: Sampling Methods and Techniques: 12 Hours

Concept of Study Population and Sampling, Need for Sampling, Types of sampling - Random and Nonrandom sampling techniques; Sample Size, Bias and Error;

Module IV: Data Analysis and Interpretation: 14 Hours

Descriptive Analysis, Inferential Analysis and Computer Data Analysis; Interpretation of Data including Statistical Testing of Hypothesis

Module V: Research Reporting and Evaluation: 12 Hours

Structure, Style and Contents; Guidelines for reporting; Style Manuals – Chicago, MLA, APA; Criteria for Evaluation of a research report; Problems and Prospects of LIS Research in India, Trends in LIS Research, Ethical Issues in LIS Research.
Selected Readings:

OBJECTIVES:

- To familiarize the students about the conservation and preservation of Information resources.
- To understand the Economic value of information.

MODULE I: Introduction to concepts of archiving 10 Hours


MODULE II: Different types of Library materials 12 Hours

Different types of Library materials, their preservation and maintenance: Paper Based materials - Book and Non Book materials, Library Binding, Binding Standards. Other Materials: AN records, Magnetic Plates, Tapes & Diskettes, Microforms, Optical media, Magneto Optical Discs, etc.

MODULE III: Hazards to Library materials and their preservation 12 Hours

Hazards to Library materials and their preservation: Environmental hazards, Biological hazards and Human being as an enemy of Library materials. Disaster prevention and recovery.

MODULE IV: Study of various National Archival Initiatives of different countries 14 Hours

To study various National Archival Initiatives of different countries: NARA of US, Australian National initiatives, Public archives of Canada etc.

MODULE V: Records Management 12 Hours

Selected Readings:


Master of Library and Information Science: Semester III
MLIS-S 306: Information consolidation and Re-packaging.

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<thead>
<tr>
<th>Sub Code: MLIS-S 306</th>
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**Objectives:**

- It explains about user behavior and users information needs.
- To help students to understand the nature of information sources Information users and Information services in Management

**Module I: Information Consolidation**

10 Hours

- Concept, Meaning, Definition, Objectives, Characteristics, Components and Functions.

**Module II: Indexing**

12 Hours

- Basic Concepts, Need and purpose, Indexing Languages: Types and Characteristics,- Vocabulary Control, Thesaurus: Structure, function and design.- Pre-Coordinate and Post –Coordinating Indexing, Chain Indexing, POPS1,PRECIS,- Key word Indexing: KWIC, KWAC, KWOC- Citation indexing, Automatic Indexing.- Abstracting: Concept, Meaning and definitions, Types and Uses. Abstarcting agencies and services.

**Module III: Information Retrieval Process**

12 Hours

- Common features of search process, Steps in creation of a search file, Searchers features, Query search and steps in query formulation,
- Search process –strategies and techniques, Search software, Search engines, Multiple database searching, Tools of Internet Search, Voice search, Image search, Video search engines.

**Module IV: Information Repackaging and Consolidation**

14 Hours

- Purpose and criteria’s for evaluation, Evaluation experiments: ASLIB, The Crane fields; MEDLARS,SMART.

**Module V: Information Repackaging and Consolidation**

12 Hours

- Concept, meaning and utility of repackaging and consolidation of Information products.- Types of Repackaging and Information consolidation of products, Agencies dealing with repackaging, Document delivery and Reprography techniques.- Translation Centers, Bureaux, Machine aided Translation.

**Selected Readings:**

# Master of Library and Information Science: Semester III

**MLIS-OE 307: Digital Library**

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<tr>
<th>Sub Code: MLIS-OE 307</th>
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## Objectives:
- To develop skills for handling information sources.
- To provide practical exposure to different information sources.

## Module I: Digital Library 10 Hours

## Module II: Design and Organisation of Digital Library 12 Hours

## Module III: Digital Library Initiatives 12 Hours

## Module IV: Digital Resource Management 14 Hours

## Module V: Overview of Multimedia 12 Hours
Selected Readings:

Master of Library and Information Science: Semester IV
MLIS-H 401: E - Publishing and Web technology

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Objectives:

- To familiarize the students in understanding the concepts and components of information systems.
- To acquaint the students with the nature, functions and activities of information systems at different levels in different subjects.

Module I: Content: 10 Hours
Types of content. Digital content types, File formats, Encoding systems ASCII, UNICODE and ISCII.

Module II: Programming Languages 12 Hours
Markup Languages, SGML, HTML and XML.

Module III: Page Description Languages 12 Hours

Module IV: Electronic Publishing and scholarly communication 14 Hours

Module V: E-Publishing 12 Hours
Use and usability issues. Economics of e-publishing. IPR and copyright issues.
Selected Readings:

Objectives:

- To understand the role and importance of research in Library and Information Science.
- To introduce different methods and techniques of research.

Module I: **Digital Library**


Module II: **Design and Organisation of Digital Library**


Module III: **Digital Library Initiatives**


Module IV: **Digital Resource Management**


Module V: **Overview of Multimedia**


Selected Readings:


Master of Library and Information Science: Semester IV
MLIS-H 403: Marketing of Information products and services.

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<thead>
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Objectives:
- To enable them to plan and design Automated Systems of Library operations
- To introduce about the emerging concept of Digital Libraries and related issues.

Module I: Emergence of Information Society and Knowledge Society 12 Hours
and conceptualization of Information as a Resource:
As a commodity and Information economics, Economics of Information; Growth of Information Industry and Implications on Library and Information Services and Products. Trans border data flow: agencies in TBDF, types of TBDF, barriers in BDF – access, linguistic, legal, economic and cultural (Information Consolidators, Aggregators, and Consortia etc.)

Module II: Marketing concepts 12 Hours
Marketing concepts; - Corporate Mission; Marketing Strategies. Concept of Marketing in Non-profit Organizations - Portfolio Management BCG Matrix Model; Product Market Matrix; Product Life Cycle, Pricing Information.

Module III: Marketing Mix 10 Hours
Marketing Mix; Kotler’s Four C’s; McCarthy’s Four P’s. Packing, Branding and Advertising

Module IV: Marketing Plan & Research: 14 Hours
Corporate Identity, Marketing plans: Marketing Research. Market Segmentation and Targeting; Geographic and Demographic Segmentation; Behavioral and Psychographics Segmentation; User Behavior and Adoption.

Module V: Marketing Information Products & Services. 12 Hours
Selected Readings:

Master of Library and Information Science: Semester IV
MLIS-H 404: Project Work.

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<tr>
<td>Maximum Marks: 100</td>
<td>Internal Marks : 30 and Report Evaluation: 70</td>
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Guidelines for Project Work

Objectives:

1. To provide an opportunity for students to apply theoretical concepts in real life situations at the work place;

2. To sensitize students to the nuances of corporate culture and familiarize them with the corporate code of behavior;

3. To enable students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks;

4. To enable students discover their professional strengths and weaknesses and align them with the changing in study of Library and Information Science;

5. To sharpen domain knowledge and provide cross functional skills.

6. To expose the students to the current study of Library and Information Science.

7. To learn apply multidisciplinary concepts, tools and techniques to solve organizational problems.

8. To understand the processes involved in the working of the various functional departments of the organization.

9. To know the current status of a particular study of Library and Information Science.
10. To create awareness for various research topics in the Library and Information Science.

General Guidelines:

A. Nature of project work: The student will have to identify an project work in Library and Information Science that matches the student’s area of specialization. Project work is a combination of study and a research project. Students are expected to study the functioning of an organization, identify a problem area and provide suggestions to overcome the problems. No two students of the PG-Department/College shall work on the same topic in the same organization. Students can take field based research in different sectors of the Library and Information Science.

B. No two students of the department/college shall work on the same problem in the same organization.

C. Maximum of TWO [02] students of different college can work in the same organization with different topics.

D. Duration of project work: The project work shall be for a period of ONE SEMESTER. Students are expected to take up the preliminary work such as identifying the organization, finalization of topic and review of literature during the 3rd semester and start the Internship project work.

E. Guide: Internal guide of the project work is a full-time faculty member working in Library and Information Science department of the VSKU/affiliated colleges where Master of Library and Information Science program offered. External guide is from the Library Science organization where the student is carrying out his/her project work. Internal guide is expected to be in continuous interaction with external guide during the course of the work. The student must get the
contact details of external guide and ensure both the external guide and internal guide in network.

F. Schedule to be followed before commencement of Internship [During III semester of the Master of Library and Information Science Program]

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time-line</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Identifying the Organization and Problem Identification</td>
<td>First two weeks</td>
<td>Student individually identifies an organization and identifies problem for his/her study, according to his/her interest</td>
</tr>
<tr>
<td>Problem Statement</td>
<td>3rd week</td>
<td>His/her interests discussed with guide.</td>
</tr>
<tr>
<td>Research design</td>
<td>4th week</td>
<td>Discussion with internal guide to decide on suitable design for the research</td>
</tr>
<tr>
<td>Synopsis preparation</td>
<td>5th and 6th week</td>
<td>Preparation of synopsis* incorporating the Objectives</td>
</tr>
<tr>
<td>Presentation of synopsis</td>
<td>7th and 8th week</td>
<td>The student will present Synopsis with the detailed execution plan to the internship committee** who will review and may \</td>
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<tr>
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<td></td>
<td>a) approve, \</td>
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<td>b) approve with modification or \</td>
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<td>c) reject for fresh synopsis.</td>
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<tr>
<td>Approval status</td>
<td>9th and 10th week</td>
<td>The approval status is submitted to Chairman, Post Graduate Department of Library and Information Science who will officially give concurrence |</td>
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<td>for execution of the internship.</td>
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</table>
Structure of Synopsis

Synopsis is a 3-5 pages hard copy document and to be submitted to the Chairman with the signatures of Internal Guide and the Student.

<table>
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<tr>
<th>Page</th>
<th>Content</th>
</tr>
</thead>
</table>
| Page 1 | 1. Title  
2. Contact addresses of student -with details of internal Guide |
| Page 2 | 1. Introduction with objectives,  
2. Review of articles/literature about the topic with source of information  
3. Expected results (300 words). |
| Page 3 | 1. Time-Activity Chart |

**Composition of the Internship Committee in the department**
1. Chairman  
2. Domain Expert  
3. Internal Guide

Schedule to be followed during Project Work [In IV semester]

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time-line</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understanding structure, culture and functioning of the organization.</td>
<td>20 Days</td>
<td>Student should understand products/services and problems of the organization.</td>
</tr>
<tr>
<td>Preparation of research instrument for data collection</td>
<td>30 Days</td>
<td>Discussion with the guide for finalization of research instrument in his/her domain and submit the same to the guide. (First presentation to Internship Committee)</td>
</tr>
<tr>
<td>Data collection and processing</td>
<td>30 Days</td>
<td>Data collected to be edited, coded, tabulated and present for analysis with the guide’s suggestions. (Second presentation to Internship Committee)</td>
</tr>
<tr>
<td>Activity</td>
<td>Time-line</td>
<td>Remarks</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Analysis and finalization of report</td>
<td>25 Days</td>
<td>Students must use appropriate and latest statistical tools and techniques for analyzing the data (It is <strong>mandatory</strong> to use latest statistical packages whose results should be shown in the report) (Third presentation to Internship Committee)</td>
</tr>
<tr>
<td>Submission of report</td>
<td>15 Days</td>
<td>Final report should be submitted to the university before two weeks of the commencement of theory examination.</td>
</tr>
</tbody>
</table>

G. Format of the Internship report:

a. **The report shall be prepared using a MS Word** processor with Times New Roman font sized 12, on a page layout of A4 size with 1” margin on all three sides and left with 1.5”, double line spacing and only front side print, [no back-to-back print]. The report may not exceed 85 pages.

H. Submission of report:

a) Students should submit the report in Hard bound “**Navy Blue**” color with Golden Embossing or screen-printing.

b) Students should also submit the report in electronic form [CD].

c) Only, in PDF file to the department and colleges where **Master of Library and Information Science** program offered. Colleges in turn shall submit all the reports and CDs of their students along with a consolidated master list with university registration number], Name of the student, and Title of
the report to the Chairman, PG-Department of Library and Information Science, VSKUB before the commencement of the theory examinations.

I. Publication of research findings:
   a) Students expected to present their research findings in seminars/conferences/technical events/fests or publish their research work in journals in association with their internal guide of the department with VSKU Bellary affiliation as a tag. Appropriate weight age should be given to this in the internal evaluation of the project report.

J. Evaluation:
   a) The project report of a candidate shall be assessed for maximum of 100 marks [consisting of 70 marks for report evaluation by the internal and external guide and 30 marks for viva-voce examination.

   b) There shall be double valuation; one by internal guide and second by external guide for a maximum of SEVENTY (70) marks based on parameters specified by BOS in Library and Information Science.

   c) Internal Evaluation: The internal guide shall evaluate the report for a maximum of SEVENTY (70) marks based on parameters specified by BOS in Library and Information Science.

   d) External Evaluation: An associate professor or professor level faculty member of other university shall do external evaluation for maximum of SEVENTY (70) marks.

   e) The average of internal and external shall be arrived to award final marks for a maximum of SEVENTY (70) marks based on parameters specified by BOS in Library and Information Science.

   f) Viva-voce/Presentation: A viva-voce examination will be conducted for thirty [30] marks at the PG- BOS in Dept. of Library and Information Science., VSKU, Bellary and each student is expected to give a presentation of his/her work.
g) The Chairman of the department and an expert appointed by the BOE chairman shall conduct the viva-voce examination.

h) The Candidate who fails to attend and/or fulfil the requirements of the course shall not be eligible and he/she shall re-register for the course when offered.
### K. Marks allocation for Internship report:

**Evaluation by Internal Guide for 70 Marks**

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Aspects</th>
<th>Marks</th>
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<tbody>
<tr>
<td>1</td>
<td>First presentation*</td>
<td>07</td>
</tr>
<tr>
<td>2</td>
<td>Second presentation*</td>
<td>07</td>
</tr>
<tr>
<td>3</td>
<td>Third presentation*</td>
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<tr>
<td>4</td>
<td>Introduction and Methodology</td>
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<td>5</td>
<td>Industry and Company profile/Profile of the study area</td>
<td>07</td>
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<tr>
<td>6</td>
<td>Theoretical Background of the Study</td>
<td>07</td>
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<tr>
<td>7</td>
<td>Data Analysis and interpretation</td>
<td>15</td>
</tr>
<tr>
<td>8</td>
<td>Summary of Findings, suggestions and Conclusion</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
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</table>

* Candidate shall submit the presentation reports to the department and should bring the same on the day of Viva-Voce examination.

**Evaluation by an External Faculty for 70 Marks**

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<td>Industry and Company profile/Profile of the study area</td>
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<td>3</td>
<td>Theoretical Background of the Study</td>
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<tr>
<td>4</td>
<td>Data Analysis and interpretation</td>
<td>15</td>
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<tr>
<td>5</td>
<td>Summary of Findings, suggestions and Conclusion</td>
<td>15</td>
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<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>70</strong></td>
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Viva-voce by Chairman and an Expert Drawn from Other University for 60 Marks

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<td>Communication Skills</td>
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<td>Subject Knowledge</td>
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<td>4</td>
<td>Objective of the study/Methodology</td>
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<td>5</td>
<td>Analysis using Statistical tools and Statistical Packages</td>
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<td>6</td>
<td>Findings and appropriate suggestions</td>
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<td><strong>Total</strong></td>
<td></td>
<td><strong>30</strong></td>
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</table>
Project Report on

(Title of the Report in Capital Letters with inverted commas)

BY

(Student Name)

(USN)

Submitted to

VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BELLARY

In partial fulfilment of the requirements for the award of the degree of

Master in Library and Information Science.

Under the guidance of

INTERNAL GUIDE

(Name)

(Designation)

Post-Graduate Department of Library and Information Science,

Vijayanagara Sri Krishnadevaraya University,

Jnana Sagara Campus, Vinayaka Nagar, Cantonment, Bellary-583 104

2016-2017
DECLARATION

I, the undersigned, hereby declare that the Project Report entitled “-----------------------------
-----------------------------” written and submitted by me to Vijayanagara Sri Krishnadevaraya
University, Bellary in partial fulfilment of requirements for the Award of Degree of Master in
Library and Information Science. under the guidance of ________________________ is my
original work and the conclusions drawn therein are based on the material collected by myself.

Place: Bellary                          Signature
Date:                                (Name Research Student)
CERTIFICATE

This is to certify that the Project Report entitled “-----------------------------------------------” which is being submitted herewith for the award of the degree of Master of Library and Information Science of Vijayanagara Sri Krishnadevaraya University, Bellary is the result of the original research work completed by Mr. _____________________ bearing URN (xxxx), under my supervision and guidance and to the best of my knowledge and belief the work embodied in this Project Report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Signature of Research Guide

Signature of the HOD in Case of affiliated College

Place: 
Date: 

Signature of the Chairman/Principal

Place: Bellary 
Date:
COMPANY CERTIFICATE:

This certificate is to be obtained on original letterhead of the company by the project student where he/she carried out project work. For example

CERTIFICATE or TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. -----------has worked in the Library and Information Science department from 7th May 2016 to 7th July 2016 in our organization. During this period, he successfully completed the work assigned to him. He has been sincere, hardworking and punctual in his work. I wish good and prosperous carrier for his future.

Signature

[Name of the Person]

Designation with Office Seal

Note: The above-cited content certificate is to be obtained on original letterhead of the company by the project student where he/she carried out project work.
## F. CONTENT PAGE

<table>
<thead>
<tr>
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</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>Roman No</td>
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<td>Arabic No</td>
</tr>
<tr>
<td>CHAPTER II: Profile of the Organization</td>
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<tr>
<td>CHAPTER III: Research Design and Methodology</td>
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<tr>
<td>CHAPTER IV: Data Presentation, Analysis and Interpretation</td>
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<td>CHAPTER V: Findings and suggestions</td>
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<tr>
<td>ANNEXURE</td>
<td>Arabic No</td>
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</table>
G. ACKNOWLEDGMENT

A page for Acknowledgment

Here the students can acknowledge for the people who are concern to the work and project. For example:

ACKNOWLEDGMENT

I take this opportunity as privilege to express my deep sense of gratitude to my research guide Dr./Shri ________, [Designation], Post-Graduate Department of Library and Information Science., Vijayanagara Sri Krishnadevaraya University, Bellary for his continuous encouragement, invaluable guidance and help for completing the present research work.

I am deeply indebted to Dr.______, Chairman/HOD/Principal, Post-Graduate Department of Library and Information Science., Vijayanagara Sri Krishnadevaraya University, Bellary or College for being a source of inspiration to me and I am indebted to him for initiating me in the field of research.

I am deeply grateful to all authorities of the Vijayanagara Sri Krishnadevaraya University, Bellary without their help completion of the project was highly impossible.

I take this opportunity as privilege to articulate my deep sense of gratefulness to the Managing Director, and the staff of the --------------- of Company for their timely help, positive encouragement and without their help completion of the project was highly impossible.

I wish to express a special thanks to all teaching and non-teaching staff members, the Vijayanagara Sri Krishnadevaraya University, Bellary for their forever support. Their encouragement and valuable guidance are gratefully acknowledged. I would like to acknowledge my all my family members, relatives and friends for their help and encouragement.

Place: Bellary
Date: 

Name of the Student
## H. LIST OF TABLES

### A PAGE FOR LIST OF TABLES

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Tables may be more or less depending upon the tables in the each chapter.
# I. LIST OF FIGURES

A PAGE FOR LIST OF FIGURES

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</table>

Figures may be more or less depending upon the figure in the each chapter
LIST OF ABBREVIATIONS

All the abbreviations used in the research project should be listed alphabetically here.

For example

A[edit]

- AAI - Abstracting and Indexing
- AACR2 - Anglo-American Cataloging Rules, Second Edition
- AALL - American Association of Law Libraries
- AASL - American Association of School Librarians
- ABAA - Antiquarian Booksellers Association of America
- ACRL - Association of College & Research Libraries
- AECT - Association for Educational Communications and Technology
- AHIP - Academy of Health Information Professionals
- ALA - American Library Association
- ANSI - American National Standards Institute
- ASCL - American Society for Information Science
- AV - Audio-Visual

- BL - British Library
- BPL - Boston Public Library
- BIP - Books In Print
- BnF - Bibliothèque nationale de France

- CD-R - Compact Disc-Recordable
- CD-ROM - Compact Disc Read-Only Memory
- CD-RW - Compact Disc ReWritable
- CDS - Cataloging Distribution Service (Library of Congress)
- CILIP - Chartered Institute of Library and Information Professionals
- CIP - Cataloging-In-Publication
- CLA - Canadian Library Association
- CLIR - Council on Library & Information Resources
- CNI - Coalition for Networked Information
- CONSER - Cooperative ONline SERials (PCC component)
- CPSO - Cataloging Policy and Support Office (Library of Congress)
- CV - Curriculum Vitae
- CDSISIS - Computerised Documentation Services Integrated Set of Information System
- COMLA - Common Welth Library Association

- DDC - Dewey Decimal Classification
- DDS - Document Delivery Service
- DOI - Digital Object Identifier
- DRM - Digital Rights Management
- DVD - Digital Video Disc

- ERIC - Educational Resources Information Clearinghouse
- **FDLP** - Federal Depository Library Program
- **FRBR** - Functional Requirements of Bibliographic Records
- **GIF** - Graphics Interchange Format
- **GIS** - Geographic Information Systems
- **GPO** - Government Printing Office
- **GUI** - Graphical User Interface
- **HR** - Human Resources
- **HTML** - HyperText Markup Language
- **HTTP** - HyperText Transfer Protocol
- **HTTPS** - HyperText Transfer Protocol Secure
- **ISBD** - International Standard Bibliographic Description
- **ISBN** - International Standard Book Number
- **ISP** - Internet Service Provider
- **ISSN** - International Standard Serial Number
- **IT** - Information Technology
- **JSTOR** - Journal Storage
- **KWIC** - KeyWord In Context
- **KWOC** - KeyWord Out of Context
- **LAN** - Local Area Network
- **LC** - Library of Congress
- **LISA** - Library and Information Science Abstracts
- **LISA** - Library and Information Services in Astronomy
- **MARC** - Machine Readable Cataloging
- **MARC** - Machine Readable Catalogue
- **MARC 21** - Machine Readable Catalogue 21 Century
- **OCLC** - Online Computer Library Center
- **OPAC** - Online Public Access Catalog
- **UDC** - Universal Decimal Classification
- **URI** - Uniform Resource Indicator
- **URL** - Uniform Resource Locator
- **USA PATRIOT Act** - Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act
- **USB** - Universal Serial Bus
- **VHS** - Video Home System
- **WLIC** - World Library and Information Congress
- **VPN** – Virtual Private Network
- **WWW** – World wide web
- **WAN** – Wide Area Network
- **Z39.50**
EXECUTIVE SUMMARY OF THE PROJECT

This page should consist of the executive summary of research project carried out by the project student/researcher.
### Master of Library and Information Science: Semester IV
### MLIS-S 405: Digital Library Practical

<table>
<thead>
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#### Objectives:
- To provide an understanding of need for library and information service support to different types of Libraries.
- To help students to understand the nature of information sources, Web metrics, Informetrics & Scientometrics.

#### Module I:
Digital Library Software:
- D-Space

#### Module II:
Digital Library Software:
- Eprints

#### Module III:
Digital Library Software:
- Green Stone

#### Module IV:
- Content Management Software:
- Drupal, Joomla

#### Module V:
- WordPress

- **10 Hours**
- **12 Hours**
- **14 Hours**
- **12 Hours**
Master of Library and Information Science: Semester IV
MLIS-S 406: Webometrics, Informatics & Scientometrics

<table>
<thead>
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</table>

Objectives:

- To provide an understanding of need for library and information service support to different types of Libraries.
- To help students to understand the nature of information sources, Web metrics, Informatics & Scientometrics.

Module I: Basic concepts of Webometrics 10 Hours

Module II: Study and application of Classical Bibliometric Laws 12 Hours

Module III: Study of the citation concepts 12 Hours
Study of the citation concepts: citation analysis, citation network, citation matrix, bibliographic coupling, co-citation analysis, Journal Citation Reports,

Module IV: Growth and obsolescence of literature 14 Hours
Growth and obsolescence of literature. Various growth models, the half-life analogy, determination of aging factor and half life, real vs apparent, synchronous and diachronous.

Module V: Science Indicators and Policy 12 Hours
Selected Readings:

Question Paper Pattern for Master of Library and Information Science Semester (CBCS) PG Examinations

Paper Code:  

Paper Title:  

Time: 3 Hours  

Max. Marks: 70

Instruction: Answer all Sections

SECTION-A

Answer any Three questions  

Q1.  

Q2.  

Q3.  

Q4.  

Q5.  

Q6.

SECTION-B

Answer any Four of the following questions  

Q7.  

Q8.  

Q9.  

Q10.  

Q11.  

Q12.

SECTION-C

Answer any One of the following questions  

Q13.  

Q14.

Note for Paper setters: Question paper shall be set in English version only