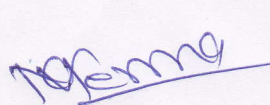
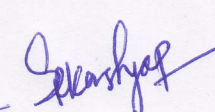



**SHAHEED MAHENDRA KARMA VISHWAVIDYALAYA, BASTAR**  
**Master of Library and Information Science**  
**CBCS BASED 1 YEAR (2- SEMESTER PROGRAMME) PROGRAMME**

First Semester					
Course Code	Title	Credit	Continues Evaluation	Semester End Examination	Total Marks
MLI-01	Universe of Knowledge and Research Methodology	4	30	70	100
MLI-02	Information Storage & Retrieval (Theory)	4	30	70	100
MLI-03	Information Storage & Retrieval (Practice)	4	30	70	100
MLI-04	Information Science and Knowledge Management	4	30	70	100
AEC-01	Media and Information Literacy	2	15	35	50
SEC-01	Technical Writing and Content Development	2	15	35	50
	<b>Total</b>	<b>20</b>	<b>150</b>	<b>350</b>	<b>500</b>

Second Semester					
Course Code	Title	Credit	Continues Evaluation	Semester End Examination	Total Marks
MLI-05	Information Analysis, Repackaging and Consolidation	4	30	70	100
MLI-06	Information Communication Technology for Libraries (Theory)	4	30	70	100
MLI-07	Information Communication Technology for Libraries (Practical)	4	30	70	100
MLI-08	Preservation and Conservation of Library Materials	4	30	70	100
MLI-09	Internship Based-Project Work/ Field Work/Survey Report/ Literature Survey*	2	15	35	50
	<b>Total</b>	<b>20</b>	<b>150</b>	<b>350</b>	<b>500</b>

\* Student may opt any one MOOC Course (current/upcoming) available at SWAYAM and notified by the department.



**Unit - 1: Universe of Knowledge**

- Definition, Source of Knowledge, Types of Knowledge
- Characteristics of the Universe of Knowledge
- Subjects having Knowledge as their field of Study
- Modes of thinking: Authoritative, Speculative, Tenacious and Positivistic

**Unit - 2: Modes of Formation of Subjects**

- Fission, Fusion, Distillation, Lamination, Loose Assemblage
- Spiral of Scientific Method

**Unit - 3: Research Methods**

- Research -Definition, Nature, Characteristics, Purpose and Kinds of Research
- Scientific Methods: Features
- Types of Research : Fundamental and Applied
- Types of Research Design
- Identification and formulation of Problem

**Unit - 4: Methods of Data Collection & Representation**

- Collection of Data: Questionnaire, Interview and Case Study
- Presentation of Data: Table, Diagram, Graphs etc.
- Research Ethics and Plagiarism
- Technical Writing & Writing Skills

**Unit - 5: Statistical Methods & Metrics in Library and Information Science**

- Statistical Measures: Measures of Central Tendency; Measure of Variability; Correlation; Chi-square Test
- Bibliometrics, Scientometrics & Webometrics: Meaning, Scope Parameters
- Bibliometric Laws & their Applications
- Citation and Referencing Style

Memoranda *Serashya* *EP*



MLI-02

Information Storage and Retrieval (Theory)

TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)

**Unit - 1: Subject Analysis and Representation**

- Fundamentals of Retrieval Systems: Nature & Characteristics
- Problems of Subject Analysis & Representation: Contribution of Cutter, Kaiser, Ranganathan, Farradane & Coates Subject

**Unit - 2: Abstracting**

- Abstracting : Definition, Types, Slant in Abstracting
- Principles & Canons of Abstracting

**Unit - 3: Subject Indexing**

- Subject Indexing : Concept & Development
- Assigned Indexing: Pre-coordinate Indexing System - Chain Indexing, PRECIS, POPSI, Post Coordinate Indexing System - Uniterm
- Derived Indexing : KWIC, KWOC
- Thesaurus: Definition, Types, Function, Structure & Construction, Thesaurofacet

**Unit - 4: Information Searching & Retrieval**

- IR models
- IR Performance Evaluation : RECALL AND PRECISION
- Search Techniques: Boolean, Proximity, Truncation
- Web-based Retrieval

**Unit - 5: Modern IR Applications**

- Artificial Intelligence & Man-Machine Interface
- Natural Language Processing
- Data Mining
- Semantic Web, Linked Data & Big Data

Memo *Scholarship* *ER*



MLI-03

Information Storage and Retrieval ( Practice)

TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)

**Unit - 1:** Universal Decimal Classification (UDC)- Classification of Documents with simple subjects, Classification of documents with Compound subjects, Classification of documents with complex compound subjects using common and special auxiliary subdivisions.

**Unit-2** Explain Cataloguing of Works of Single Authorship, Shared Authorship, Pseudonyms, and Descriptive, Numbered, Parallel, Mixed Responsibilities. Describe Cataloguing of Editorial Works, Composite Works, Multi-volume Explain Cataloguing of Works of Corporate Authorship. Explain Cataloguing of Serial Publications.

Norma      Sankhyas      Sh



**MLI-04**

**Information Science and Knowledge Management**

**TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)**

**Unit 1: Information Science**

- Data: Definition, Scope and Types
- Information: Definition, Scope, Type, Nature and property
- Conceptual difference between Data, Information and Knowledge
- Representation of Information: Sign, Signal, and Symbol
- Information Science: Definition Scope and Objectives I
- Information Science as a Discipline and its Relationship with other Subject

**Unit 2: Information Systems and Communication**

- Communication Process, Channels, Models and Barriers
- Information Generation: Modes and Forms
- Information Communication: Theories & Models

**Unit 3: Library, Information and Society**

- Information Society: Genesis, Characteristics and Implications
- Changing role of Libraries and Information Centers in Society
- Policies Relating to Information: Intellectual Property Rights, Right to Information Act,

**Unit 4: Information Economics and Information Industry**

- Information as an Economic Resource
- Information Industry: Primary, Secondary etc.
- LIS Products and Services as a Marketable Commodity
- National Information Policy

**Unit 5: Information Systems and Knowledge Management**

- Information System: MIS, DSS, and Expert System
- Knowledge Management: Concept and Scope
- KM System, Information Management Vs Knowledge Management

*Artema Sanyal*



**Ability Enhancement Compulsory Course-AEC-01**

**Media and Information Literacy**

**TM 100 (Internal Assessment 15 + Term End Exam 35) (Credit-02)**

**Unit 1: Media and Information Literacy**

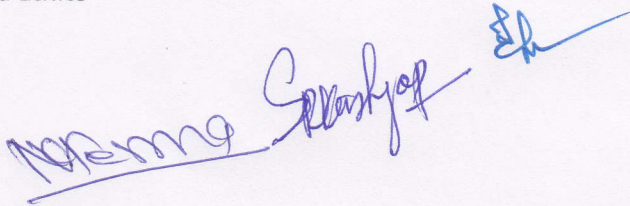
- Media and Information literacy (MIL) definition, need and purpose,
- Role of MIL in the Society
- Theories and models of MIL
- MIL policies and strategies

**Unit-2: Information Literacy**

- Information Literacy Standards: Foundations & Implications
- Information Literacy Models :UNESCO, IFLA and ALA
- Data Literacy: Definition, Importance and scope

**Unit 3: Ethics and Laws**

- Media and information ethics: cyber laws and ethics
- Social Media Platforms and Tools
- Media Ethics





Skill Enhancement Course - SEC-01

Technical Writing and Content Development

TM 100 (Internal Assessment 15 + Term End Exam 35) (Credit-02)

**Unit 1: Structure and Functions of Technical Communication**

- Structure : Definition, Purpose, Characteristics and Functions
- Collection, Organization and Presentation of Data including Illustration
- Characteristic Features of Technical Writing

**Unit 2: Content Analysis**

- Concept and Scope
- Technical Quantitative and Qualitative
- Content Analysis-Applications (generation of Information Services and products)

**Unit 3: Content Developments**

- Content Development: Context setting, Norms and Guidelines
- Content Development software: JOOMALA, DRUPAL etc.

Norma *Santhya* *SP*



Semester - 2

MLI-05

Information Analysis, Repackaging and Consolidation

TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)

**Unit 1: Repackaging and Consolidation**

- Packaging and Re-Packaging: Concept, Need, Purpose and Criteria
- Content Analysis
- Information Consolidation Products: Concept, Types, Design and Development
- Information Intermediaries

**Unit 2: Information Analysis and Consolidation Centre's**

- Genesis of Information Analysis and Consolidation(IAC) centre's
- Data centre and Referral Centre
- IAC Centre's in India

**Unit 3: Tools for IAR**

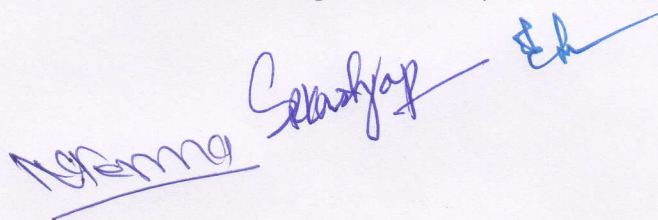
- Indexes, Abstracts, Reviews, Digests, Markets, Surveys
- Different Types of Abstracts
- Guidelines in Preparing Abstracts
- Canons of Abstracting

**Unit 4: Information Products**

- Nature Concept and Type
- Design and Development
- Information Newsletter, House Bulletin, In-House communications,
- Trade Reports, Technical Digest, and Trend Reports, state-of- the -art- reports

**Unit 5: Trends in Information Analysis, Repackaging and Consolidation**

- Electronic Content Creation
- Online Information System and Information Networks
- International standards for Database Design and Development





MLI-06

Information Communication Technology for Libraries (Theory)  
TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)

**Unit 1: Library Automation**

- Planning and Implementation of Library Automation.
- Housekeeping Operation of Library.
- Evaluation of Library Automation Software

**Unit 2: Internet Basics Features and Tools**

- Internet: Definition, application and Tools
- Internet Connectivity
- E-mail
- Internet Protocol:
- OSI Network Model and TCP/IP Reference Model
- Network Based Information Services

**Unit 3: Web Page Designing & Content Management**

- Hypertext and Hyperlink, Hypermedia
- Basic Code of HTML5.
- Web Based Content Development,
- Content Development software: JOOMALA /Word Press etc

**Unit 4: Open Access to Scholarly Communication**

- Scholarly Communication: Concept and Types
- Open Access: Overview, Definitions. Open access publishing
- Types of Open Access- Gold, Green, and Hybrid

**Unit 5: Digital Libraries**

- Genesis, Definition, Objectives, Scope of Digital Libraries
- Study of digital Library Software: Greenstone, D-Space
- File Format : Text, Audio, Video and Image
- Software and Hardware for Digital libraries: OCR, Image editing software,
- Input Capture Devices: Scanners, Digital Movie Cameras

Artema *Sanyas* *EP*



Information Communication Technology for Libraries (Practical)

TM 100 (Internal Assessment 30 + Term End Exam 70(20 Marks for Viva)) (Credit-04)

**Unit 1: Integrated Library Management Software**

- Integrated Library Software packages: SOUL/ Koha
- Modules such as Acquisitions, Cataloguing, Circulation, Serial Control, Administration and OPAC
- Installation and Customization of ILMS Software


**Unit 2: Web designing**

- Creation of web page using HTML
- Creation of blogs

**Unit 3: Content Management Software**

- Function and use of any Content Management Software: Joomla / Drupal / Wordpress

Note: This is only a broad outline; the coverage of topics in this paper will be elaborated by the concerned teacher.

Neema *Sekshya* 



**MLI-08**

**Preservation and Conservation of Library Materials and Archeological**

**TM 100 (Internal Assessment 30 + Term End Exam 70) (Credit-04)**

**Unit 1: Library Materials: Preservation and Conservation**

- Need for Preservation and Conservation
- Evolution of Writing Materials
- Palm leaves and Birch Bark: Their Nature and Preservation
- Manuscripts, books, Periodicals, Newspapers, Pamphlets etc
- Non-Book Materials

**Unit 2: Hazards to Library Materials and Control Measures**

- Environmental Factors
- Biological Factors
- Chemical Factors
- Disaster Management

**Unit 3 Binding**


- Different Types of Binding for Library Documents
- Binding Materials
- Binding Process
- Standards for Library Binding

**Unit 4 Restoration and Reformatting**

- Material Repair
- Microfilming and Digitization
- Preservation of digital documents

**Unit 5**

- History, development and types of archival centers.
- Kind and identification of archival material.

*Mama Sankhyap* 



MLI-09

Project Work/ Dissertation/ Group Seminar

TM 100 (Dissertation Assessment 70 + Viva voce 30) (Credit-04)

The Work for Paper shall start in the beginning of the second semester for which each student will be allotted a topic for writing the Project Report.

Each Student has to prepare a Dissertation by Using Proper Research Methodology. The topic of the Dissertation will be jointly decided by the Student and the Teacher who will also be the guide for dissertation.

Typed, bound with CD and with certificate of originality, plagiarism free, declaration etc. Two copies of the dissertation have to be submitted for evaluation.

\* Student may opt any one MOOC Course (current/upcoming) available at SWAYAM and notified by the department.

Neema Sekshya 