

## **CURRICULUM – MASTER OF LIBRARY AND INFORMATION SCIENCE**

**Name of the Program: Master of Library and Information Science (2 years, 4 semesters)**

**Total credits:**

**Year of implementation: 2022-23**

**Nature of the Discipline:**

Library and Information Science 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.

Hence the program outcome of the Master of Library and Information Science is to produce human sources who can practice librarianship in different types of libraries and information centers in the digital era.

### **Program Specific Outcomes**

The Specific Outcomes of Master of Library and Information Science are as follows

1. Demonstrate foundational knowledge and skills of the profession and ethical behavior
2. Select, organize and maintain the library's collection in all media formats and tools
3. Focus upon the knowledge and skills necessary for identification, acquisition, organization, retrieval, and dissemination of information to meet people's needs in diversified information, knowledge, and learning environments.
4. Classify and catalogue all types of library materials and manage the catalog/OPAC to ensure optimal access to the collection
5. Demonstrate skillful use of technology in the digital era
6. Conduct and apply assessment and evaluation to library services
7. Design and implement library services and program to enable lifelong learning in the community

8. Exhibit leadership, communication, and team skills for carrying out professional responsibilities and services across cultures and in rapidly changing environments.
9. Inculcate research attitude to be able to produce research and publications that advance the theory and practice of the discipline

## **FIRST SEMESTER**

### **HARD-CORE**

#### **ML-H-1.1: FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE (3-1-0)**

#### **COURSE OUTCOMES**

1. Identify the different types of libraries and differentiate between Academic / Public / Special libraries
2. Understand the importance of the five laws of library science and their implications in Library and Information Centers' activities.
3. Understand the basic philosophy of Librarianship / LIS profession, professional ethics and its / their application / implementation in practicing the profession
4. Understand the significance of LIS education and research in the development of the profession
5. Identify the nature of information and able to understand the basics of communication

#### **Course Articulation Metrics:**

##### **Mapping of course outcomes (COs) with Program outcomes**

#### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2		X	X	X		X			
CO3	X			X			X	X	X
CO4					X		X	X	
CO5								X	

## ML-H-1.2: MANAGEMENT OF LIBRARY AND INFORMATION CENTERS – I (3-1-0)

### Course Outcomes

1. Able to draw up and apply the concept of management theories and principles to library .
2. Toprovide basic knowledge of different sections of the library including the functions and activities.
3. Should be capable of understanding the collection development policy.

### Course Articulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

#### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X								
CO2			X						
CO3		X							

## ML-H-1.3: INFORMATION PROCESSING:CATALOGUING (Theory) (3-1-0).

### COURSE OUTCOMES

The student will be able to

- Apply principles of subject cataloguing
- Physically describe a document according to different codes of cataloguing.
- Catalogue different types of documents by applying standard codes of cataloguing systems.
- Use different metadata describing techniques.

### Course Articulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

#### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X	X					
CO2									
CO3		X		X					
CO4									

**ML-HP-1.4: INFORMATION PROCESSING: CATALOGUING (Practical) (0-1-3)**

**COURSE OUTCOME**

1. Will be able to catalog the documents by using AACR-2R and MARC-21 and learn the Skills of subject cataloguing.

**ML-HP-1.5: FUNDAMENTALS OF INFORMATION TECHNOLOGY (Practical) (0-1-3)**

**COURSE OUTCOME**

1. Should be able to use application software like word processor, spread sheets, power point presentation and **MS access**
2. Designing of web page by using HTML tags

**ML-S-1.6: FUNDAMENTALS OF INFORMATION TECHNOLOGY (3-1-0)**

**COURSE OUTCOMES**

1. Understand and learn the basic skills of Information Technology and computer
2. Identify and understand the different useful application software and Learn system software
3. Learn about the different Number Systems (Binary, Octal, Decimal and Hexadecimal)
4. Analyze the different programming languages ( Machine, Assembly and High-Level Languages)
5. Understand fundamentals of Telecommunication and e-publishing

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X	X		X				
CO2									
CO3									
CO4									

### **ML-S-1.7: DATABASE MANAGEMENT SYSTEM (3-1-0)**

#### **COURSE OUTCOMES**

Students will be

1. Able to understand the functioning of Database Management system.
2. Acquire hands – on – experience in operating any RDBMS.

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

##### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2									

### **ML-S-1.8: ELECTRONIC COMMERCE (3-1-0)**

#### **COURSE OUT COME**

1. Should be able to understand the issues and technology involved in e-commerce.
2. Should be able to plan and implement e-commerce.

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

##### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		<b>X</b>	<b>X</b>						
CO2	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>				

## SECOND SEMESTER

### ML-H-2.1: INFORMATION SOURCES (3-1-0)

#### COURSE OUTCOMES

- 1.Understand the characteristics of different sources of information
- 2.Gain the Knowledge of non-print and electronic sources of information.
- 3.Know the structure of different sources of information.
- 4.Understand the nature and characteristics of electronic resources.
- 5.Know about different Human and Institutional sources of information.

#### CourseArticulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X	X						
CO2	X	X	X		X				
CO3		X	X						
CO4					X				
CO5									

### ML-H-2.2 : MANAGEMENT OF LIBRARY AND INFORMATION CENTRES – II (3-1-0)

#### COURSE OUTCOME

1. Should be able to draw up and apply the techniques of planning and implementation of policies and procedures.
2. Should comprehend the basic knowledge and skills of handling the library finances.
3. Should be capable of managing the human resources beneficially.
4. should be able to understand the principle of TQM.

#### CourseArticulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X						
CO2	X		X						
CO3									

CO4									
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**ML-H-2.3: LIBRARY CLASSIFICATION (Theory) (3-1-0)**

**COURSE OUTCOMES**

After completing this Paper, the students will be able to:

1. Understand the native of Universe of Knowledge
2. Understand the basics of classification, importance of Library Classification
3. Understand the logic of Knowledge Organization by learning different schemes of Library Classification
4. Familiarize with latest trends in Library Classification.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X	X	X	X					
CO2	X	X	X	X					
CO3		X	X	X					
CO4							X		

**ML-HP-2.4: INFORMATION SOURCES (0-1-3)**

**COURSE OUTCOMES**

1. Understand the nature and structure of informationsources.
2. Able to effectively search different typs of informationsources

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X	X						
CO2		X	X	X	X				

**ML-HP-2.5: LIBRARY CLASSIFICATION: Practical (0-1-3)**

**COURSE OUTCOMES**

After completing this course, the students will be able to:

1. Identify the specific subject of the document by analyzing the contents.
2. Build call numbers of the documents by constructing class numbers (using DDC and UDC) and book numbers
3. Understand the logic of mapping of subjects in DDC and UDC.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X	X	X					
CO2		X	X	X					
CO3			X						

**ML-S-2.6: INFORMATION LITERACY (3-1-0)**

**COURSE OUTCOMES**

Students will be able to:

1. Understand the different category of library users and their information needs and information seeking behavior
2. Conduct User Study by adopting different methods and techniques.
3. Understand the importance of information literacy in the life – long learning
4. Understand various information literacy models and to apply them in different settings.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X						

CO2	X		X			X			
CO3							X		
CO4									

**ML-S-2.7: MARKETING OF INFORMATION PRODUCTS AND SERVICES  
(3-1-0)**

**COURSE OUTCOMES**

1. Will be able to Market the information products based on marketing principles and techniques
2. Will be able to assess the implications of marketing on LI services and design the LI services.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X								
CO2	X					X			

**ML-S-2.8: CONSERVATION AND PRESERVATION OF INFORMATION RESOURCES (3-1-0)**

**Course Outcomes**

1. Will be able to understand the issues of preservation of information sources.
2. Will be able to preserve and conserve the information resources based on scientific preservation and conservation techniques.
3. Will be able to understand the practice of digital preservation

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X						
CO2			X						
CO3					X				

## THIRD SEMESTER

### ML-H-3.1: LIBRARY AUTOMATION (3-1-0)

#### COURSE OUTCOMES

After completing this paper, the students will be able to:

1. Understand the basics of Library Automation.
2. Learn different Library Software Packages including Open-Source Software DBMS
3. Get acquainted with different kinds of RDBMS and understand their structure and components.
4. Know about emerging technologies including Barcode, RFID, QR Code Smart card and Artificial Intelligence.

#### Course Articulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X		X		X		
CO2									
CO3									
CO4					X			X	

### ML-H-3.2: INFORMATION SERVICES AND SYSTEMS (3-1-0)

#### COURSE OUTCOMES

1. Understand the importance of information services.
2. Identify different kinds of Information Centers and their role in information dissemination.
3. Familiarize with different types of information systems at the National and International level.
4. Understand the significance of institutional repositories, open and archives and VRD. understand the nature of information products.

#### Course Articulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X			X	X		
CO2			X						
CO3							X		
CO4									

### **ML-H-3.3: INFORMATION STORAGE, REPACKAGING AND RETRIEVAL (3-1-0)**

#### **COURSE OUTCOME**

At the end of the module the student will have acquired:

The student will be able to

1. Produce/generate manual and computerized indexes by applying different indexing techniques and methods.
2. Abstract documents using standard guidelines.
3. Design and construct an IR thesaurus

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

##### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X		X				
CO2									
CO3									

### **ML-HP-3.4 Library Automation Practical (0.1.3)**

#### **COURSE OUT COMES**

1. Should be able to understand technology and issues involved in using library automation software's.
2. To select appropriate library automation software and effectively use it.
3. To plan and design automated library system.

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

##### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1					X				
CO2					X				
CO3									

### **ML-HP-3.5: RESEARCH METHODOLOGY (0-1-3)**

#### **COURSE OUT COMES**

1. Should be able to analyse the data using statistic package.

### **ML-S-3.6: RESEARCH METHODOLOGY (3-1-0)**

#### **COURSE OUTCOMES**

1. The Student should be able to understand the basic theory and practice of research and be familiar with qualitative and quantitative methods.
2. Carry out a small research project under the guidance/supervision of a teacher.
3. Evaluate and use a wide range of research techniques and methods.
4. Analyze, present and interpret the qualitative and quantitative data with proper statistical tools.
5. Draw the appropriate findings and produce research report and bring out the knowledge of ethical issues in research

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

#### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									<b>X</b>
CO2									
CO3						<b>X</b>			
CO4					<b>X</b>				<b>X</b>
CO5									

### **ML-S-3.7: TECHNICAL WRITING (3-1-0)**

#### **COURSE OUTCOME**

Should be able to the student:

1. Understand the basic theory and practice of technical writing
2. Prepare technical document.
3. Distinguish between different types of technical comments.
4. Use software tools to prepare technical comment.

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

#### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									X
CO2									
CO3									
CO4					X				

### **ML-S-3.8: INFORMETRICS AND SCIENTOMETRICS (3-1-0)**

#### **COURSE OUTCOMES**

The Student should be able to

1. Conduct Scientometric studies.
2. Describe the growth of literature using various growth models.
3. Identify the latest trends and technology in this area.
4. understand the concepts of research metrics

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

##### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									X
CO2									
CO3					X				X

#### **COURSE OUTCOMES**

The Student should be able to

1. Conduct Scientometric studies.
2. Describe the literature Using various statistical testings.
3. Identify the latest trends in the area.

#### **FOURTH SEMESTER.**

### **ML-H- 4.1: NETWORKS, NETWORKING, CONSORTIA AND INTERNET TECHNOLOGY (3-1-0)**

#### **COURSE OUT COMES**

1. Aware of standards connected with networking and consortia.
2. Learn the activities of library network.

3. Able to search Internet resources and use Internet services.
4. Aware of the implications of cyber laws.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2							X		
CO3					X				
CO4					X				

**ML-H-4.2: DIGITAL LIBRARIES (3-1-0)**

**COURSE OUTCOMES**

After completing this paper, the students will be able to:

1. Get Familiarized with conceptualization digital library
2. Understand the design and organization of digital library for accessing information online.
3. Know the scripts and standards required for web design.
4. Identity computer hardware, software and other infrastructure required to develop digital library and Multimedia products.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2		X	X		X				
CO3									
CO4									

**ML-H-4.3 PERSONALITY DEVELOPMENT & COMMUNICATION SKILLS (3-1-0)**

**COURSE OUTCOMES**

1. Understand the factors influencing personality.
2. Know the significance of communication skills and leadership qualities
3. Able to prepare their biodata.
4. Able to understand the market needs.
5. Capability of self analysis.

### Course Articulation Metrics:

#### Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2								X	
CO3									
CO4									
CO5									

#### ML-HP 4.4 Digital Library Practical

Credit (0 1 3)

### Course outcomes

The students will be able to:

- Use the digital library software,
- Demonstrate the skills for installation of digital library software and digitization process.

### Pedagogy

- Hands-on teaching is the predominant method employed.
- Practical record keeping is also used.
- Field work by visiting libraries to observe the implementation of digital library systems is a method used. Unit wise outline of the syllabus

#### ML-H- 4.4: STUDY TOUR AND INTERNSHIP (0-2-0)

### COURSE OUTCOMES

After completing this paper, the students will be able to:

1. Gain exposure to different kinds of libraries and their services.
2. Gain the practical knowledge of library housekeeping activities.
3. Understand the practical problems of library management.
4. Develop leadership qualities.

## Course Articulation Metrics:

### Mapping of course outcomes (COs) with Program outcomes

#### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X						X		
CO2									
CO3									
CO4								X	

#### ML- S- 4.4: Dissertation and Viva-voce (0-0-4)

- Each student has to work on a research topic under the supervision of a supervisor and submit the report in the form of a dissertation fifteen days before the start of the IV semester examination. Submission of plagiarism check report issued by the Librarian is mandatory.

#### ML-S-4.5: Compilation of Information Product (0-0-4)

- Each student has to compile or develop an information product under the supervision of a supervisor and submit the report fifteen days before the start of the start of the IV semester examination.

#### ML-S-4.5: Development of a KOS Tool (0-0-4)

- Each student has to compile any KOS tool on an approved topic like thesaurus, Ontologies, Taxonomies, Folksonomies, Clustering, Categories, etc based on the principles of KOS under the supervision of a supervisor and submit the report fifteen days before the start of the IV semester examination.

## COURSE OUTCOMES

1. Subject the dissertation by conducting a research study or report of compiling an info product/ KOS tool.
2. Face vive-voce confidently.

## Open Electives papers to be offered by the Department of Library and Information Science

### First - semester

#### ML-OE.1.9 Reference and Information Sources (Print and electronic)

Credits(3-1-0)

#### COURSE OUTCOME

After completion of the course student will be able to

1. Understand the nature, structure and uses of reference and information sources
2. Identify the primary sources of information and their characteristics
3. Effectively use secondary sources of information with required information searching skills.

#### Course Articulation Metrics:

Mapping of course outcomes (COs) with Program outcomes

##### CO-PO Mapping

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X				X		
CO2									
CO3			X						

### SECOND SEMESTER

#### ML-OE.2.7 ELECTRONIC AND NON-DOCUMENTARY INFORMATION RESOURCES Credits (3- 1-0)

#### Course Outcome

After completion of the course student will be able to:

1. Effectively use electronic information sources of information
2. Make use of Open Educational Resources
3. Identify different types of non-documentary sources of information

**Course Articulation Metrics:****Mapping of course outcomes (COs) with Program outcomes****CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X			X	X			
CO2									
CO3									

**THIRD SEMESTER****ML- OE-3.7: INFORMATION LITERACY (3-1-0)****COURSE OUTCOMES**

Students will be able to:

1. Understand the different category of library users and their information needs and information seeking behaviour
2. Conduct User Study by adopting different methods and techniques.
3. Understand the importance of information literacy in the life – long learning
4. Understand various information literacy models and to apply them in different settings.

**Course Articulation Metrics:****Mapping of course outcomes (COs) with Program outcomes****CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X						
CO2	X		X			X			
CO3							X		
CO4									

## **FOURTH SEMESTER**

### **ML-OE- 4.7: KNOWLEDGE SOCIETY (3-1-0)**

#### **COURSE OUTCOMES**

1. Understand the characteristics of Knowledge Society.
2. Aware of cyber laws and their implications.

#### **Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

#### **CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1							<b>X</b>		
CO2					<b>X</b>				

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY**  
**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**  
**COMPONENTS OF VALUE ADDED CERTIFICATE/PROFIENCY COURSES TO BE**  
**OFFERED BY THE DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**  
**(UNDER CBCS & CAGP SCHEME)**

Sem ester	Paper No	Title of the paper	L	T	P
IV	<b>Value added Certificate course L-VC-1 Knowledge Management and Content Management</b>				
	<b>A student pursuing her Post Graduate Studies in Library and Information Science who has registered for value added Certificate course on Knowledge Management and Content Management has to study this course in fourth semester for eight credits</b>				
	L-VC-1.1	Knowledge Management	4	0	0
	L-VC-1.2	Content Management	2	0	2
IV	<b>(Value added Proficiency Course L-VCP-2 Information Literacy)</b>				
	<b>A student pursuing her Post Graduate Studies (not in Library and Information Science) who registers for value added Proficiency course on Information Literacy has to study this course in the fourth semester for eight credits</b>				
	L-VCP-2.1	Libraries and users	3	1	0
	L-VCP-2.2	Information Literacy	3	1	0
	L-VCP-2.2	Scholarly Communication	3	1	0

**VALUE ADDED CERTIFICATE COURSE**  
**LS-VC-1.1: Knowledge Management (4-0-0)**

**COURSE OUTCOME**

The student will be able to

1. Understand the basic of knowledge management.
2. Apply the skills required for knowledge management.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X						
CO2									

**L-VC-1.1: Knowledge Management (4-0-0)**

**L-VC-1.2 Content Management (2-0-2)**

**COURSE OUTCOMES**

1. Understand the conceptualization of content.
2. Able to work on different CMS softwares.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1		X	X	X					
CO2									

**L-VCP-2.1 Libraries and Users (3-1-0)**

**COURSE OUTCOME**

1. Understand the role of libraries in modern society.
2. Understand the basic library operations like classification, Cataloguing Circulation of books.
3. Understand the information gathering needs and gathers habits of users.

**Course Articulation Metrics:**

**Mapping of course outcomes (COs) with Program outcomes**

**CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X								
CO2	X			X					
CO3			X						

**L-VCP-2.2 (3-1-0) Information Literacy**

**COURSE OUTCOME**

1. Able to understand the characteristics of information literacy.
2. Able to imbibe the IL Skills.
3. Use style manuals effectively and provide reference scientifically.

**Course Articulation Metrics:****Mapping of course outcomes (COs) with Program outcomes****CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	X		X						
CO2	X		X			X			
CO3							X		

**L-VCP-2.3 : Scholarly Communication Credits (3-1-0)****COURSE OUTCOMES:**

1. Able to understand the characteristics of scholarly communication.
2. To imbibe the scholarly writing Skills.
3. To understand the ethical issues in scholarly communication and writing

**Course Articulation Metrics:****Mapping of course outcomes (COs) with Program outcomes****CO-PO Mapping**

COs	PO								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1			X						X
CO2					X				X
CO3									

**SYLLABUS FOR CERTIFICATE COURSE IN LIBRARY SCIENCE****CL-1.1: FOUNDATIONS OF LIBRARY SCIENCE (3-1-0)****COURSE OUTCOMES**

1. Understand the role of libraries in society.
2. Understand the importance of five laws of library science.
3. Get acquainted with laws related to libraries.
4. Became aware of the activities of national documentation centers.
5. Will understand the professional ethics.

### **CL-1.2: MANAGEMENT OF LIBRARIES (3-1-0)**

#### **COURSE OUTCOMES**

1. Will understand the basics of library management.
2. Understands the basics of FRM & HRM
3. Able to identify different section and their activities.
4. Know the importance of library.

### **CL-1.3: LIBRARY CATALOGUING AND LIBRARY CLASSIFICATION (THEORY) (3-1-0)**

#### **COURSE OUTCOMES**

1. Will understand the significance of cataloguing and classification.
2. Become aware of normative principles of library cataloguing and classification.
3. Understand the features, structures and applications of RDA and DDC.

### **CL-1.4: LIBRARY CATALOGUING AND LIBRARY CLASSIFICATION (PRACTICALS) (0-0-4)**

#### **COURSE OUTCOMES**

1. Able to cataloguing the documents and classify the books.

### **CL-1.5: INFORMATION SOURCES (3-1-0)**

#### **COURSE OUTCOMES**

1. Become aware of the users of different types of inf<sup>n</sup> sources.

### **CL-1.6: INFORMATION TECHNOLOGY (2-0-2)**

#### **COURSE OUTCOMES**

1. Will be able to work on computers.
2. Able to work with SUUL/NIC- e-granthalaya.