



## MAHATMA GANDHI UNIVERSITY, KERALA

### Abstract

Library and Information Science (Minor) - Third and Fourth Semesters - Recommendations for modifications to the Course Outcomes and Course Content - Academic Council Resolution - Orders issued

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### ACA 16

No. 7540/ACA 16/2025/MGU

Priyadarsini Hills, Dated: 12.08.2025

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*Read:-* 1. U.O. No. 5797/AC A16/2024/MGU, dated. 27.06.2024

2. Item No: 87/43876/AC A16 -1/2025, of the minutes of the meeting of the Academic Council held on 04.07.2025.

### ORDER

The syllabi of various Under Graduate Programmes coming under the MGU-UGP (Honours) Regulations, 2024, have been approved vide paper read as (1) above and published on the website of the University.

The Expert Committee on Library and Information Science, at its meeting discussed the need to modify the **Course Outcomes and Course Content** of various courses in the syllabi of **Third and Fourth** Semesters Library and Information Science (Minor) and has submitted recommendations. (Recommendations are attached as Annexure)

These recommendations were placed before the Academic Council for consideration as per the orders of the Vice Chancellor on 29.05.2025.

The Academic Council meeting, vide paper read as (2) above, has resolved to approve the recommendations of the Expert Committee on Library and Information Science.

Hence, the **Course Outcomes and Course Content** of the said courses in the syllabi of **Third and Fourth** Semesters **Library and Information Science (Minor)** stands modified to this extent.

Orders are issued accordingly.

SUDHA MENON J

ASSISTANT REGISTRAR III  
(ACADEMIC)  
For REGISTRAR

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5. Convenor, Expert Committee, Library and Information Science
6. Tabulation, Academic Sections Concerned
7. AC C1/ AC C2 Sections
8. IT Cell 3/OQPM1 Sections
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10. ACTION TAKEN REPORT
11. Stock File/ File Copy

File No: 43876/AC A16-1/2025/ACA 16

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Section Officer

## ANNEXURE

### SEMESTER III

**Course Name: Information Organisation and Retrieval**

**Course Code: MG3DSCLIS200**

#### **COURSE OUTCOMES (CO)**

CO No.	Expected Course Outcome (Modified)	Learning Domains (Modified)	PO No. (Modified)	Page No.
1	Understand the principles of information organization, classification, cataloguing, and indexing systems.	No Change	1	18
2	Explain the information retrieval process, systems, search strategies, and evaluation methods.	U	2	
3	Apply metadata standards, interoperability protocols, and semantic web technologies for resource description and management.	A	3	
4	Analyse different tools and standards used for organising and retrieving information in digital libraries and databases.	An	10	
5	Removed			
6				

#### **COURSE CONTENT**

##### **Content for Classroom Transaction (Units)**

Module	Units	Course Description (Modified)	Hours	CO No. (Modified)	Page No.
1. Foundations of Information Organization	1.1		No Change	1	19
	1.2			1	
	1.3			1	
	1.4			1	

2. Information Retrieval Principles	2.1		No Change	2	19
	2.2			2	
	2.3			2	
	2.4			2	
3. Metadata and Semantic Web	3.1	Metadata - types, functions, standards (Dublin Core)		3	19
	3.2	Interoperability protocols and frameworks - OAI-PMH, Z39.50, reference model		3	
	3.3	No Change		3	
	3.4	Metadata creation tools for libraries (Koha)		3	
4. Practicum	4.1	Cataloguing of various formats using MARC21 standards (Koha)		4	20
	4.2	Indexing of articles using thesauri and subject heading lists		4	
	4.3	Creation of metadata records using Dublin Core and MODS schema Citation analysis and visualisation -(VOSviewer)		4	
	4.4	Formulation of search queries and strategies		4	
	4.5	Digital libraries, archives and repositories – features, standards and software (Dspace and Greenstone)		4	
	4.6	Bibliographic databases - Web of Science, Scopus; search techniques		4	
5.		Teacher Specific Content			

## SEMESTER IV

**Course Name: Research Methods and Scholarly Communication**

**Course Code: MG4DSCLIS200**

### **COURSE OUTCOMES (CO)**

CO No.	Expected Course Outcome (Modified)	Learning Domains (Modified)	PO No. (Modified)	Page No.
1	Understand types of research, research paradigms, ethics, and the research process.	No Change	1	23
2	Explain qualitative and quantitative research methods, data collection tools, and sampling techniques.	U	2	
3	Understand scholarly communication, research evaluation metrics, and the research data lifecycle.	U	3	
4	Analyse different tools and techniques used for managing and analysing research data.	An	10	
5	Removed			
6				

### **COURSE CONTENT**

#### **Content for Classroom Transaction (Units)**

Module	Units	Course Description (Modified)	Hours (Modified)	CO No. (Modified)	Page No.
1. Foundations of Research	1.1	No Change	No Change	No Change	24
	1.2	Research paradigms and frameworks			
	1.3	Research ethics and integrity - plagiarism, copyright, Institutional Review Board (IRB)			
	1.4	No Change		1	
2. Research	2.1	Qualitative Research Methods -		2	

Methods and Techniques		Case study, Interview method	No Change		24
	2.2	Quantitative Research Methods – survey method		2	
	2.3	No Change		2	
	2.4			2	
3. Scholarly Communication and Research Evaluation	3.1	Scholarly communication process - evolution	No Change	3	24
	3.2	No Change		3	
	3.3	Citation analysis Author Matrix - h-index Journal Matrices - impact factor, CiteScore Research evaluation - peer review, impact factors, h-index	5	3	
	3.4	Research data lifecycle - creation, processing, analysis, preservation, sharing	4	3	
4. Practicum	4.1	Formulation of research problems and research question; literature search and synthesis	No Change	4	25
	4.2	Research data management plans and Open data		4	
	4.3	No Change		4	
	4.4	Qualitative data collection and analysis using tools like NVivo		4	
	4.5	Overview of Statistical analysis and visualisation tools - SPSS, Jamovi		No Change	
	4.6	Citation data gathering from Web of Science and Scopus		4	
	4.7	Data management tools - Figshare		4	
	4.8	Reference management and citation tools – Zotero and Mendeley		4	
5.		Teacher Specific Content			