Department of Library and Information Science Gautam Buddha University

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

Session 2024-25

PREAMBLE

The two-year Master of Library and Information Science (M Lib I Sc) programme has been envisaged as a programme of professional study in the discipline of Library and Information Science. It aims at providing the learners a wider and more comprehensive understanding of various intricacies of Library and Information Science a knowledge Domain.

POST-GRADUATE ATTRIBUTES:

The learner of M.Lib.I.Sc. Programme should have the following attributes:

GA1: Disciplinary Knowledge and Understanding: Capable of demonstrating comprehensive knowledge and understanding of major concepts, principles, theories and laws of various subjects in Library and Information Science and other related fields of study, inter disciplinary and trans-disciplinary areas.

GA2: Critical Thinking: Capability to critically analyze subjects of documents to classify them properly and to derive subject headings for subject cataloguing, indexing purposes and ability to think critically for solving various problems pertaining to the management of Libraries and Information Centres. Further, abilities to judge for the use of ICT support for effective and efficient management of information sources, and services.

GA3: Problem Solving: Apply problem solving skills while providing support services for teaching, learning and research and for formulating appropriate strategies to use technologies, databases, platforms, resources. The problem solving skills may be tested through literature search, literature review, etc in major disciplines.

GA4: Professional and Managerial Skills: Ability to classify simple, compound and complex documents using standard classification schemes; capability to catalogue all types of documents using standard catalogue codes and metadata standards; ability to create database of records and search information from OPAC, Internet and electronic databases; ability to carry out housekeeping operations and to provide library and information services by using information and communication technologies and addressing managerial challenges.

GA5: Communication Skills: Ability to communicate effectively in oral and written forms with users, colleagues and authorities in an effective manner. Further, ability to create information products such as announcements, information leaflets, bibliographies, e-publications.

GA6: Digital Literacy and Capability: Capable of using digital technology for communication, library housekeeping operations, and for searching information from OPAC, Internet, and online databases. Able to create media and information literacy using digital technology for better library services and resource utilization. Further, ability to work comfortably with the Learning Management System, Content Management System, and Digital Library Software; and explore possibilities of applying technologies associated with Artificial Intelligence, etc, for finding ways to improve services.

GA7: Team Work and Leadership Quality: Capable of working effectively and respectfully as an individual and as a leader in diverse teams in classrooms, in computer laboratories, in finding technological solutions, resource-based activities, and in Libraries and Information Centres.

GA8: Multicultural Competencies: Ability to demonstrate the knowledge, values, and beliefs

of multiple cultures and effectively engage in a multicultural society by respecting diversity by providing services in democratic ways.

GA9: **Moral and Ethical Values:** Capable of demonstrating the ability to understand professional ethics and moral values based on the Indian ethos. Also well versed with the issue of Intellectual Property Rights, Copyright, Open Access, etc., while providing library services.

GA10: **Lifelong Learners:** Capable of self-paced and self-directed learning aimed at personal development, improving knowledge and skills, and reskilling through continuing educational opportunities. Further, capable of supporting individuals, institutions, and societal groups toward attaining lifelong learning objectives.

PROGRAMME LEARNING OUTCOMES (PLOS)

On completing the Master of Library and Information Science Programme, students shall be able to realize the following outcomes:

PLO-1: Demonstrate knowledge of the information profession by relating foundational principles, philosophy, and ethics to contemporary issues, by identifying key, ongoing interdisciplinary developments in the field, and by analyzing current practices for fut. э implications of the library and information science profession.

PLO-2: Demonstrate the latest practices of documents and information selection, acquisition, organization, storage, and dissemination.

PLO-3: Demonstrate the skills of patron-driven/user-driven services with high professionalism in providing the best library services to the right user at the right time of need by applying standard practices.

PLO-4: Identity, use, evaluate, and manage the information sources, both print and electronic resources.

PLO-5: Identity, apply, and use of emerging and cutting-edge technologies in libraries and information centres.

PLO-6: Advocate and democratic access to library resources and services by applying tools and techniques addressing the needs of the users.
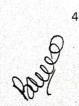
PLO-7: Demonstrate an understanding of Research Support Services to accelerate Research and Development (R&D) by analyzing and synthesizing the value of research literature.

PLO-8: Commit to continuous learning by participating in local, regional, and national professional development opportunities.

PLO-9: Use Indian and Traditional Knowledge and Principles to analyze and evaluate ideas and theories in modern disciplines.

4. Course Structure of Two Years Master of Library and Information Science Programme (M. Lib. I. Sc.)

Master of Library and Information Science (M. Lib. I. Sc.) program is of four semesters and requires one to achieve **86** credits through the various Discipline Specific Core Courses (CORE), Open Courses, Inter-Disciplinary Electives (IDE) / Multi-Disciplinary Electives (MDE), and Ability Enhancement Courses (AEC) / Skill Enhancement Courses (SEC)/Value Added Courses (VAC) demonstrated as below:

Courses/Sem	Sem-1 (Credits)	Sem-2 (Credits)	Sem-3 (Credits)	Sem-4 (Credits)	Total
Discipline-Specific Core Courses	16	12	16	16	60
Open Courses OR Interdisciplinary / Multidisciplinary Elective Courses (IDC/MDE)		8	4	4	16
Ability / Skill Enhancement Courses (AEC/SEC)	4	-	2	2	08
Value Added Courses (VAC)		2	-		02
	20	22	22	22	86

EXIT OPTIONS AND AWARD OF DEGREE

Upon successful completion of four semesters, the student shall be awarded **Master of Library and Information Science** (M. Lib. I. Sc.) Degree. However, if a student who successfully completes the first and second semesters and intends to exist just after completing two semesters, or even after the course of study during the subsequent semesters for any reason, shall get a **Bachelor of Library and Information Science** (B. Lib. I. Sc.) Degree.

Lateral Entry Admission

If any students possessing One Year Bachelor Degree in Library and Information Science (B. Lib. I. Sc./B. Lib. Sc.) and wish to join Gautam Buddha University, Master of Library and Information Science Programme may be given lateral entry admission in the Third Semester of the Programme and will be given Master of Library and Information Science (M. Lib. I. Sc.) Degree. **As per current norms, the number of seats available is twenty(20). Any vacant seat, out of ten, due to the non-joining of any student during the regular semester shall be filled by lateral admission.** The University shall decide on admission criteria. The Degree Awarded shall be One Year Master of Library and Information Science (M. Lib. I. Sc.).

Note: University shall specify the duration of the programme as "Two Years Integrated Programme" or Integrated Two Years Programme" in Degree Certificate.

Educational Tour/Library Visits

As a part of the course - Library Management and Operations (LIS-PG-C201), the student shall be taken on an Educational Tour to provide an experience and allow students to gain exposure
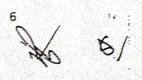
to Institutions of Higher Learning Libraries / (different types of Libraries/Archives/ Museums of National Importance) to learn about the latest library and information practices trends. The students shall follow the university guidelines issued from time to time and submit a tour report. The department shall provide the guidelines for the tour report.

Learning Outcomes Index

Core Courses	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
Disciplinary Knowledge and Understanding	Y	Y		Y	Y	Y	Y	Y	Y			Y		
Critical Thinking	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Problem solver		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Professional and Managerial Skills		Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	
Communication Skills				Y	Y	Y			Y	Y	Y	Y	Y	Y
Digital Literacy and Capability		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y
Team Work and Leadership Quality	Y			Y		Y		Y	Y					
Multicultural Competencies	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Moral and Ethical Values	Y				Y			Y				Y		Y
Lifelong Learners	Y	Y		Y	Y				Y		Y	Y	Y	Y

Elective Courses

Core Courses	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12
Disciplinary Knowledge and Understanding		Y	Y	Y		Y	Y	Y		Y	Y	
Critical Thinking	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y
Problem solver	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

	1	2	3	4	5	6	7	8	9	10	11	12
Professional and Managerial Skills	Y	Y		Y			Y	Y	Y	Y		Y
Communication Skills	Y	Y	Y	Y		Y	Y	Y	Y		Y	Y
Digital Literacy and Capability	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Team Work and Leadership Quality		Y	Y	Y		Y						
Multicultural Competencies	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Moral and Ethical Values			Y	Y		Y		Y	Y	Y		
Lifelong Learners	Y				Y		Y			Y	Y	Y

Course Structure of Two Years Master Degree Programme in Library and Information Science

Gautam Buddha University

First Semester

Course Code	Course Name	Course Type	L	T	P	Marks	IA/ Assign	Total Marks	Credits
LIS-PG-C101	Foundations of Library and Information Science	Core	4	-	0	60	40	100	4
LIS-PG-C102	Information Sources and Services	Core	4	-	0	60	40	100	4
LIS-PG-C103	Information and Communication Technology Application	Core	2	-	4	40(T) 40(P)	20	100	4
LIS-PG-C104	Knowledge Organization and Arrangement: Library Classification (Theory & Practice)	Core	2	-	4	40(T) 40(P)	20	100	4
	Ability / Skill (ASE)								
LIS-PG-E105	Communication and Soft Skills*	ASE/SEC	4	-	0	60	40	100	4
								Total Credits	20

*The students may opt through MOOCs (IGNOU) / Department

Second Semester

Course Code	Course Name	Course Type	L	T	P	Marks	IA/ Assign	Total Marks	Credits
LIS-PG-C201	Library Management and Operations	Core	4	-	0	60 (T)	20+20 (TD)	100	4
LIS-PG-C202	Library Automation and Networking (Theory & Practice)	Core	2	-	4	40(T) 40(P)	10+10 (Viva)	100	4
LIS-PG-C203	Knowledge Organization and Description: Library Cataloguing (Theory & Practice)	Core	2	-	4	40(T) 40(P)	10+10 (Viva)	100	4
Any Two from the Inter-Disciplinary/Multidisciplinary Electives									
LIS-PG-E204	Marketing of Library and Information Services#	IDE	4	-	-	60	40	100	4
LIS-PG-E205	Buddhist Information, Archive, and Museum#	IDE	4	-		60	40	100	4
LIS-PG-E206	Information, Media and Data Literacy#	IDE	4	-	-	60	40	100	4
VAC									
LIS-PG-V207	Cyber Security$	VAC	2		0	30	20	50	2
							Total Credits		22

#IDE Shall be announced by the department at the start of the semester based on faculty availability.
$Through MOOCs / Department / Inter-Departmental

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Third Semester

Course Code	Description	Course Type	L	T	P	Marks	IA/ Assign	Total Marks	Credits
LIS-PG-C301	Knowledge Management and Information Systems	Core	4	-	0	60	40	100	4
LIS-PG-C302	Digital Library Development (Theory & Practice)	Core	2	-	4	40(T) 40(P)	10+10 (Viva)	100	4
LIS-PG-C303	Information Storage and Retrieval	Core	4	-	-	60	40	100	4
LIS-PG-C304	Database and Content Organisation System (Theory & Practice)	Core	2		4	40(T); 40(P)	10+10 (Viva)	100	4
	Ability (AEC)/ Skill (SEC)								
LIS-PG-E305	Bibliometrics, Informetrics, and Scientometrics	AEC	2	-		30	20	50	2
Any One from the Inter-Disciplinary/Multidisciplinary Electives									
LIS-PG-E306	Open Access and Scholarly Publishing	IDE	4		0	60	40	100	4
LIS-PG-O307	Preservation and Conservation of Library Materials@	OC	4		0	60	40	100	4
	Skill Enhancement Course								
LIS-PG-NC308	Library Internship	NC				Internship Record			
								Total Credits	22

@ Through MOOCs / Department

Fourth Semester

Course No	Description	Course Type	L	T	P	Marks	IA/ Assign	Total Marks	Credits
LIS-PG-C401	Research Methodology in Library and Information Science	Core	4	-	0	60	40	100	4
LIS-PG-C402	Electronic Resource Management	Core	4	-	0	60	40	100	4
LIS-PG-C403	Dissertation	Core	8	-	-	150	50 (30 IA+20 VIVA)	200	8
Any One from the Inter Disciplinary/Multidisciplinary Electives									
LIS-PG-O404	Intellectual Property Rights%	OC	4	-	-	60	40	100	4
LIS-PG-E405	Library Entrepreneurship	DE	4	-	0	60	40	100	4
	AEC/SEC (Any one)								
LIS-PG-E406	Research Data Management	IDE	2	-	0	30	20	50	2
LIS-PG-E407	Indian Traditional Knowledge System	VAC	2	-	0	30	20	50	2
							Total Credits		22

%Through MOOCs/Department. Decided by the department at the start of the semester

C-Core; **E**-Elective; **O**-Open; **V**-Value Added

SWAYAM

Students may earn up to 40 percent of the total credit of the programme from SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds). The selection of the course(s) from SWAYAM is subject to the availability and the 75 percent content similarity with the existing courses in the department. The credits and the grade earned by the students in the particular course will be transferred and added in their mark statement.

Students may opt the SWAYAM course(s) by prior intimation to the department. Students should give a declaration that in case s/he fails in the proctored examination conducted by SWAYAM s/he may be allowed to pursue the same course from the department as a reappear.