EDUCATION AND OPPORTUNITIES IN LIBRARY AND INFORMATION SCIENCE

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ABSTRACT

The paper provides education and opportunities in Library and Information Science in India. It discusses about the LIS Courses and the duration of degree. LIS education in Indian Universities as well as the details of opportunities on the basis of degree and experience. The article may be useful for the students of LIS and for those willing to study, make career in Library and Information Science.

INTRODUCTION

The modern society is passing through the phase of information explosion. Information is available in print media such as books, periodicals, newspapers, maps etc. as well as in non-print media such as compact disks, phonograph records, film tapes, microforms etc. Management of various types of information is a challenge and a highly scientific task. Library science emerged as a discipline only in the end of the 19th century. With increase in micro-literature such as scientific periodicals, patents, theses etc., the new array of techniques emerged which was termed "Documentation". The society is now facing the exponential growth of scientific literature, automation and new media of communication (such as information communication technology- ICT). This has brought sea change in the outlook of Librarians and Documentalists and more so in the users of information. Thus has immerge "Information Science".

Library and Information Centers are repositories of knowledge and information and entertainment. They contain books, periodicals, microfilms, CD's i.e. print and non-print media for education, research and entertainment etc.

LIS EDUCATION

LIS Education started in India in 1911 when Mr. Borden started a course in Librarianship in Baroda state. Since then LIS Education has undergone many changes, mainly after the onslaught of privatization and globalization. At present, LIS education is provided by a variety of institutions such as traditional universities, open universities, deemed universities, polytechnics, affiliated colleges, professional associations, documentation centers etc. Currently more than 100 institutions are offering courses leading to bachelor's degree and about 70 universities offering master's degrees and a good number of universities offer M.Phil. and Doctoral programmes in LIS. Besides these,Documentation Research and Training Centre (DRTC),National Institute of Science Information (NCSI), Banglore and National Institute of Science Information and Information Resources (NISCAIR), New Delhi are offering associateship training in LIS with more emphasis on IT application. In addition there are about 40 – 45 institutions imparting LIS education from Certificate to Diploma level by the Library Associations, Government Polytechnics etc.

LIS COURSES

The following courses are available in the Library and Information Science.

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* Certificate Course          -CLISc, CICTAL.
*  Diploma Course             -DLISc
*  Degree Course              -BLISc. / BLSc.
*  Post Graduate Degree       -MLISc., MLSc., MSc.
*  NET / SET
*  M.Phil.
*  Ph.D.
*  D.Litt.
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EDUCATION IN LIBRARY AND INFORMATION SCIENCE :

Sr. No.	Name of Course	Certificate / Degree	Eligibility	Duration
1.	Certificate in Lib. & Inf. Sci.	C.LISc.	Matric /10+2 or Equivalent	3 to 6 Months
2.	Diploma in Lib. & Infm. Sci.	DLISc.	10+2 or Equivalent	1 Year
3.	Certificate in Information, Communication Technology (ICT) & Application in Library	CICTAL	10+2 with CLISc. /DLISc.	6 Months
4.	Bachelor in Library Science.	BLSc	10+2 or Equivalent	3 Years
5	Bachelor in Library and Information Science	B.LISc.	Graduate or Equivalent	1 Year
6.	Post Graduate Diploma in Library Automation & Networking	PGDLAN	BLISc / BLSc	1 year
7.	Master of Library and Information Science	MLISc	BLISc / BLSc	1 year
8.	Master of Library Science	MLSc	10+2 or Equivalent	5 years Integrated

				Course
9.	Master of Lib. and Infm. Sci./ Master of Lib. Sci.	MLISc. / MLSc	Graduate or Equivalent	2 yrs. Integrated Course
10.	Associateship in Documentation & Information Science (Equivalent to MLISc /MLSc)	ADIS	BLISc / BLSc, B.E. or Any Graduate	2 years
11.	Associateship of Inform. Sci.(Equivalent to MLISc/MLSc)	AIS	BLISc/BLSc/B.E. or Any Graduate	2 Years
12.	M.Sc. (Information Science) Equivalent to MLISc / MLSc	M.Sc.	Any Graduate	2 Years
13	NET : National Eligibility Test in Lib. and Infm. Sci	NET	MLISc or Equivalent	2 Exams in a year
14.	SET : State Eligibility Test in Lib. and Infm. Sci	SET	MLISc or Equivalent	2 Exams in a year
15.	M.Phil. (Master of Philosophy	M.Phil.	MLISc / MLSc	1 year
16.	Doctor of Philosophy (Ph.D.)	Ph.D.	MLISc / MLSc	2 to 5 years
17.	Doctor of Literature (D.Litt.)	D.Litt.	Ph.D.	*

* The degree is awarded on the basis of research work done independently and published a year before the date of application. Candidates should be either a Ph.D. of 3 years standing or MA's of 8 years standing.

LIS EDUCATION IN INDIAN UNIVERSITIES

There are 354 Universities in India. More than150 Universities offer Education in Library and Information Science. Some of them are listed below.

OPPORTUNITIES IN LIS

Today there are bright career prospects in Library and Information Science. The qualified professionals are employed in vivid Libraries and Information centers. The job opportunities in LIS can be depicted in the following sectors.

Academic Libraries, Information Centers, Institutional Libraries, Institutional Information Centers, Newspaper Libraries, Industrial Libraries, Special Libraries, Technical Libraries, Public Libraries and State Libraries etc.

OPPORTUNITIES IN LIBRARY AND INFORMATION SCIENCE:

Sr. No.	Courses in LIS	Post	Experience	Promotional Avenue (Opportunities)	Experience	Promotional Avenue (Opportunities)
1	C. Lib.	Library Peon	SSC + C.Lib. + 5 Yrs. Exp.	Library Attendant	HSSC + C.Lib. + 5 Yrs. Exp.	Library Clerk
2	D. Lib. I.Sc.	Library Clerk	HSSC+D.LISc+ 5 Yrs. Exp.	Sr. Library Clerk	DLISc + Graduate + 5 Yrs Exp.	* Library Assistant * School Librarian
3	B.Lib. I.Sc.	* Library Assistant * School Librarian * Technical Asstt.	5 yrs. Exp.	* Assistant Librarian * Sr. Tech. Assistant * Qualified Library Asstt.	M.Lib.I.Sc. + 8 Yrs. Exp.	Deputy Director of State Libraries.
4	M.Lib. I.Sc. (55%) +NET/SET	**Stage 1: Entry Level** * Univ. Asst. Librarian * College Librarian * lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)	6 Yrs. Of Service 6 Yrs. Of Service 6 Yrs. Of Service 6 Yrs. Of Service 6 Yrs. Of Service	**Stage 2: Senior Scale** * Univ. Asst. Librarian * College Librarian * Lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)	5 Years Experience 5 Years Experience 5 Years Experience 5 Years Experience 5 Years Experience	**Stage 3: Senior Scale** * Univ. Asst. Librarian * College Librarian * Lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)
4 a	M.Lib. I.Sc. (55%) + NET/SET	* Univ. Asst. Librarian * College Librarian * Lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)	Possessing M.Phil. at Entry level + 5 Yrs of Service	* Univ. Asst. Librarian * College Librarian * Lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)	5 Years Experience 5 Years Experience 5 Years Experience 5 Years Experience 5 Years Experience 5 Years Experience	* Univ. Asst. Librarian * College Librarian * Lecturer in LIS * Information Scientist * Documentation Officer (Asst. Prof. Grade)
4 b	M.Lib. I.Sc. (55%) + NET/SET	Same as above	Possessing Ph.D. at Entry level + 4 Yrs of Service	Same as above Candidate Eligible for 5 Advance Increment	Same as above	Same as above
4 c	M.Lib. I.Sc. (55%) + NET/SET	--	Awarded Ph.D. Degree in service	Candidate Eligible for 3 Advanced Increments.	--	--
4 d	M.Lib. I.Sc. (55%) + NET/SET	--	Awarded M.Phil. degree in service	Candidate eligible for 2 advance Increments	--	--
Sr. No.	Courses in LIS	Post	Experience	Promotional Avenue (Opportunities)	Experience	Promotional Avenue (Opportunities)
5	M.Lib. I.Sc. (55%) + NET/SET	Same as above	After completion 3 Yrs. In stage : 3	**Stage 4 : Asso. Prof. Grade** Deputy Univ. Librarian or College Librarian	After completion 3 yrs. In stage 4 Deputy Librarian in University or College Librarian	Professor Grade Scale
6	Same as above	Same as above	Same as above	Same as above	After Completion of 3 yrs. In stage 3	**Stage 4 : Deputy Uni**. Librarian Asst. Prof. Grade

Sr. No.	Courses in LIS	Post	Experience	Promotional Avenue (Opportunities)	Experience	Promotional Avenue (Opportunities)
7	M.Lib. I.Sc. 55% Desirable M.Phil/ Ph.D. in Library Science	Direct Recruitment	5 years exp. As * Asst. Univ. Librarian * College Librarian	Deputy University Librarian (Asst. Prof. Grade Stage-3)	5 yrs. Experience.	University Librarian (Prof. Grade)
8	M.Lib. I.Sc. 55% Desirable M.Phil/ Ph.D. in Library Science	Direct Recruitment	* 13 yrs. As Deputy University Librarian or * 18 yrs. As college Librarian	University Librarian (Prof. Grade)	--	--
9	M.Lib. I.Sc. 55% NET/SET with Ph.D. Published Work of High Quality	Direct Recruitment of Professor	* Ph.D. in LIS * 10 Publications as Books & * Research Papers * 10 Yrs. Teaching Experience * Ph.D. Supervisor	Professor in Library and Information Science	--	Principal in LIS college
Sr. No.	Courses in LIS	Post	Experience	Promotional Avenue (Opportunities)	Experience	Promotional Avenue (Opportunities)
10	M.Lib. I.Sc. 55% NET/SET / Ph.D.	Direct Recruitment of Associate Professor	* Ph.D. in LIS * Published work * Research work * 8 Yrs. Teaching Experience or As Libarian	* Associate Professor in Library and Information Science * Librarian (Associate Professor Grade)	3 yrs. Service	* Professor in LIS * Principal in LIS College * Librarian Should get Professor Grade
11	M.Lib. I.Sc. 55% NET/SET/ Ph.D.	Assistant Professor Stage 1 : Teaching	6 Years	Assistant Professor Stage : 2	5 Years	Assistant Professor Stage:3
12	M.Lib. I.Sc. 55% NET/SET/ Ph.D.	Assistant Professor Stage:3	3 Years with Ph.D.	Associate Professor Stage:4	3 years	Professor in LIS Stage:5

CONCLUSION

1. More than 150 Universities / Colleges offering degree, post graduate degree, MPhil. And doctoral programmes in LIS.

2. Rather than the above mentioned degrees some universities offering C.Lib.Sc., D.Lib.Sc., PGDLAN, Short term courses in Library Computerization etc.

3. Very few university offering the M.Sc. (Information Science) the post graduate degree in LIS.

4. Most of the universities offering Master of Library and Information Science (MLISc) a two years integrated course.

5. Very few Universities are offering three years degree course and five years integrated post graduate degree course in Library and Information Science.

6. Beside the traditional universities, Documentation Research and Training (DRTC), National Institute of Science Information (NISI), Bangalore and National Institute of Science Information Resources (NISCAIR), New Delhi are offering associate ship Training in LIS with emphasis more on IT application.

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