Paper Core 3	**Emerging Trends in LIS (**Theory)	Subject Code
	L-T-P-C: 3-0-0-3 **Credit point:** 3 **Scheme of Evaluation:** (T)	LIB224PHD103

COURSE OBJECTIVE:

"Emerging Trends in LIS" explores the contemporary trends in Library and Information Science. Scholars will critically review research in the field, examine internet sources, and understand citation styles. The course covers digital information resources, exploring formats, gateways, libraries, and virtual tools in LIS. Furthermore, scholars will gain expertise in web technology, interactive digital resources, and the design and development of digital libraries.

COURSE OUTCOME:

On Successful completion of the course the students will be able to		
SL. NO	**COURSE OUTCOME**	**BLOOMS TAXONMY LEVEL**
CO1	**Define** literature and critical reviews of LIS research in India, developing skills in synthesizing and analyzing scholarly works.	**BT Level I**
CO2	**Demonstrate** interactive digital information resources and their nature and features, developing the ability to engage with and utilize dynamic digital content.	**BT Level II**
CO3	**Develop** insights into digital library development, including hardware, software, processes, and policies, developing the knowledge to contribute to the establishment and enhancement of digital libraries.	**BT Level III**
CO4	**Discover** research data management in higher educational institutions, acquiring skills in organizing, storing, and preserving research data effectively.	**BT Level IV**

DETAILED SYLLABUS:

MODULES	TOPICS AND COURSE CONTENTS	PERIODS
Unit 1	**Recent Trends in LIS** • Literature Review, Critical Review of Research in LIS in India. • Sources of Information on Internet: DOAJ, Wikipedia, Web Resources. • Citation Style: Structure, Guidelines for Citation / References • Modern trends of Research in LIS: Electronic theses and dissertations; • Designing project proposals, Funding agencies, and LIS Schools	15
Unit 2	**Digital Information Resources on LIS** • Digital Information Resources and formats of digital resources • Subject Gateways and Digital Libraries on LIS, Subject Directories in Web. • Journal Portals, Publisher's Portals, Book Reviews, Book Selection. • Virtual Reference Tools: Commercial Tools (e.g. Xrefer.com), Cross-Publishers. • Data mining and data warehousing	15

Unit 3	**Design and Development of Digital Library** • Traditional, automated, digital and virtual library systems – comparative study • Digital Library Development: Hardware, Software, Process, File formats, Issues, policies and principles • Free/Libre Open-Source Software (FLOSS): GSDL, MyLibrary, WWWISIS, GENISIS etc. • National & International digital library systems, Evaluation parameters and models	15
Unit 4	**Research Information Network** • Indian Research Information Network System • Application of Artificial Intelligence and Machine Learning in Library Operations and Services • Open Access to Scholarly Communications & Open Licensing • Social Network Analysis and Big Scholarly Data • Research Data Management in Higher Educational Institutions	15
	TOTAL PERIODS	**60**

TEXTBOOKS:

1. R.S. Prajapati (2013). Foundations of Library and Information Science, Discovery Publishing House, New Delhi.

2. Chu, C. M., & Hsieh-Yee, I. (2008). Digital Libraries: Principles and Practice in a Global Environment. Scarecrow Press.

REFERENCE BOOKS:

1. Agarwal, U. K. (1999). Twentieth century: Library legislation in India, Udaipur, Shiva Publishers.

2. Carlson, Christ, & Brosnahan, Ellen. (2008). Guiding students into information literacy: Strategies for teachers and teacher-librarians.USA, Scarecrow Press

3. Crawford, Walt. (1998). Being analog: Creating tomorrow's libraries, Chicago, American Library Association

4. Ismail, Abdullah. (2009). Global library and information science: A text book for students and educators with contributions from Africa, Asia, Australia, New Zealand, Europe, Latin America and the Caribbean, the Middle East and North America, New York, Walter de Gruyter

5. Maskus, Keith. E. & Bergsten, C. F. (2000). Intellectual property rights in the global economy, Washington DC, Institute for International Economics

6. Panella, Deborah, & Mount, Ellis (2012). Basics of law librarianship, New York, Routledge

7. Ramage, Magnus, & Chapman, David. (Eds.). (2011). Perspectives on information, New York, Routledge Chapman & Hall