



Goa University
Department of Library and Information Science,

**Credit based Semester Syllabus for
Master of Library and Information Science (MLISc)**

Second Semester

MLC – 201 Digital Libraries

(4 Credits / 100 Marks)

Unit 1

- Digital Libraries: Concepts and issues. Understanding digital Libraries. Evolution of digital Libraries- Important milestones- Pre- DLI 1, NSF and DLI 1 and 2. Development of literature on digital Libraries. DL communities - Agencies and organizations responsible for the development of DLs- CNI, CNRI, DLF. DL conferences- JCDL, ECDL and ICADL.
- Design and Organization of Digital Library :Architecture, Interoperability, Compatibility, Protocols, standards and User Interfaces, 15 Hours

Unit 2

- Content creation – Electronic documents, files and file formats. Study of different file formats. Studying PDF in detail- features of PDF. Born digital and legacy documents. Digitization- scanning, OC Ring and conversion to PDF. Electronic Publishing and scholarly communication, E-journals and e-books
- Digital Preservation, Conservation and Archival Management – Problems and prospects 15 Hours

Unit 3

- Creating Web documents- Mark Up Languages- SGML, HTML and XML. Creating documents in HTML. HTML editors and tools. Front Page and Dream Weaver. XML and its features- XML tools. DL architecture .Elements of a DL. DOI, Open URL, CrossRef and other aspects. Study of the DL content management issues- Metadata and other resource discovery issues. Access Control and DRM, Security and preservation issues. 15 Hours

Unit 4

- Open Access Movement and Institutional repositories. Case study of select digital Libraries and IRs. California Digital Library; Alexandria Digital Library; ArXive; Cogprintis; Indian Scenario	15 Hours
--	----------

Selected Reading:

1. Chowdhury, G.G: Introduction to Digital Libraries. London: Facet Publishing, 2003.
2. ICADL: Tutorials on Digital Libraries. Bangalore, 2001.
3. Karen S. W. Marilyn B, Stone, T. A. (2003). Electronic publishing: The definitive guide. UK: Hard Shell Word Factory.
4. Leona Carpenter, Simon Shaw & Andrew Prescott: Towards the Digital Library. London: LA, 1998.
5. Lee, Stuart D: Digital imaging: A practical handbook. 2000.
6. Malwad, N.M. and others (1992): Digital Libraries: Conference papers.
7. Marilyn Deegan and Simon Tanner (2010). Digital Futures Strategies for the information age. London: Facet Publishing.
8. Andrew Cox (2010). Introduction to Digital Library Management. London: Facet Publishing.
9. Jenny Craven (2010). Web Accessibility Practical advice for the library and information professional. London: Facet Publishing.
10. David Nicholas and Ian Rowlands (2010). Digital Consumers Reshaping the information professions. London: Facet Publishing.