



Syllabus of Certificate Course in Digital Library (CDL)

Objectives

The objectives of the course on Diploma in Digital Library focus on providing in-depth knowledge on various aspects of digital library such as, characteristics, components, standards and protocols, IPR & Copyrights digital rights management, planning, digitisation etc. The intended course will impart digital skills among the students to examine the digital library software and install them in the library to make it digital library and making more functional in providing digital library services by the learners. The course will create competent human resources to promote access to the traditional and socially useful knowledge through digitization and develop capacity building among the learners in organization and preservation of knowledge for use.

Course Coverage

The course will be imparted to the learners on use of technology in the library and its application in a scientific way in the library to optimise the benefit of library resources. The learners also will be able to know its practical implications in library management, digitisation digital preservation and digital library services. The course will also include various examples of open access with special emphasis on UK, USA, India, digital repositories, and various aspects of digital rights and access management and its applications in digital libraries. Again, the course will also include case studies on setting-up digital library using open source institutional repository software, i.e. D-Space

Target Learners

The course is designed for the students who have passed +3 in any stream, students of library and information science as well as for professionals working in library and information centres. Other learners interested in digital libraries may also take up the course.

Pre-requisite

The learner should have preliminary knowledge of computers, acquaintance with traditional libraries using manual processes as well as computerised library operations and services offered by both types of libraries.

Duration

The course is of 6 months duration (July-December). It consists of 16 credits out of which 8 credits will be Theory and 8 credits will be practical.

Certificate Course in Digital Library (CDL)

Duration: 6 Months

Total Credits: 16

Semester-I		
Course Code	Title of the Course	Credit(s)
CDL-01	Digital Library- Overview, Components of Digital Library	4
CDL-02	Digitisation, Open Access and Digital Rights/Access Management	4
CDL-03	Digital Library: Services, Preservation, Standards, IPR and Legal Issues	4
CDL-04	Digital Library Practice- Open Source Digital Library Software	4

Digital Library-I		
Course Code	Digital Library- Overview, Components of Digital Library	4 credits
CDL: 1	Unit-1	Introduction to Digital Library, Historical Evolution of Digital Libraries
	Unit-2	Components of Digital Library, Search Interface in Digital Library
	Unit-3	Technical Infrastructure and Digital Library Architecture
	Unit-4	Digital Library Planning, Implementation and Collection Development
Digital Library-II		
CDL:2	Digitisation, Open Access and Digital Rights/Access Management	
	Unit-1	Digitisation- Need, Structure, Process
	Unit-2	Digital Library and Semantic Web
	Unit-3	Open Access and Digital Library software: KOHA, D-space
	Unit-4	Digital Resource Management/ Access Management
Digital Library-III		
CDL:3	Digital Library: Services, Preservation, Standards, IPR and Legal Issues	
	Unit-1	Digital Library Services and Preservations,
	Unit-2	Digital Library Standards, Protocols
	Unit-3	IPR in Digital Library/Legal Issues
	Unit-4	Legal Issues in Digital Library
CDL:4	Digital Library Practice- Open Source Digital Library Software	
	KOHA	
	D-space	

Reference

Digital Library

Pitschmann, Louis. (2001). A. Building sustainable collections of free third-party Web resources. Washington, D.C.: Digital Library Federation, Council on Library and Information Resources.

Smith, Abby. (2001). Strategies for building digitized collections. Washington, D.C. : Digital Library Federation, Council on Library and Information Resources

Tariq Ashraf and Puja Anand Gulati.(2012). Design, Development, and Management of Resources for Digital Library Services. Amazon.co.uk

Timothy D. Jewell et al. (2005). Electronic Resource management: report of the DLF resource management initiative. Digital Library Federation. Washington D C

Bishop, A. P. et al. (eds.). (2005). Digital Library Use: Social Practice in Design and Evaluation. Delhi : Ane Books.

Chowdhury, G. G. & Chowdhury, Sudatta. (2003). Introduction to Digital Libraries. London : Facet.

Deegan, Marilyn & Tanner, S. (2006). Digital Preservation. London : Facet Publishing.

Digital Rights/Access Management and Digitisation

Ku W., Chi CH. (2004) Survey on the Technological Aspects of Digital Rights Management. In: Zhang K., Zheng Y. (eds) Information Security. ISC 2004. Lecture Notes in Computer Science, vol 3225. Springer, Berlin, Heidelberg

Amjad, Ali. (2004). Reference Service and the Digital Sources of Information. New Delhi : Ess Ess.

Bishop, A. P. et al. (eds.). (2005). Digital Library Use: Social Practice in Design and Evaluation. Delhi : Ane Books.

Chowdhury, G. G. & Chowdhury, Sudatta. (2003). Introduction to Digital Libraries. London : Facet.

Deegan, Marilyn & Tanner, S. (2006). Digital Preservation. London : Facet Publishing.

Jones, Richard et al. (2006). The Institutional Repository. Oxford : Chandos Publishing.

Judith, Andrews & Derek, Law. (2004). Digital Libraries. Hants : Ashgate.

Krishan Gopal. (2005). Intellectual Freedom in Digital Libraries. Delhi : Authors Press.

Lakshmi, Vijay & Jindal, S. C. (eds.). (2004). Digital Libraries. Delhi : Isha Books.

Mitchell, Anne M. & Surratt, Brian E. (2005). Cataloguing and Organizing Digital Sources. London : Facet.

Pandey, V. C. (2004). Digital Technologies and Teaching Strategies. Delhi : Isha Books.

Rajagopalan, A. (2006). Library of the Digital Age: Issues and Challenges. Delhi : SBS Publishers.

IPR & Copyrights

- Andrew Murra. (2010). Information Technology Law: The law and society. Amazon.com
- Carlos M. Correa and Abdulqawi A. Yusuf. (2008). Intellectual Property and International Trade: The TRIPS Agreement (Second Edition. Amazon.com
- Deborah E. Bouchoux. (2012). Intellectual Property: The Law of Trademarks, Copyrights, Patents, and Trade Secrets . Amazon.com.
- Federico Munari and Raffaele Oriani. (2011). The Economic Valuation of Patents: Methods and Applications (New Horizons in Intellectual Property Series) . Amazon.com
- Fishman, Stephen. (2008). The copyright handbook: what every writer needs to know. Berkeley, CA: Nolo.
- Freeman, Lee & Peace, A. Graham. (2005). Information ethics : privacy and intellectual property. Hershey, PA : Information Science Pub.
- Jessica Litman. (2001). Digital Copyright: Protecting Intellectual Property on the Internet. Amazon.com
- John Grant, Charlie Ashworth and Henri J. A. Charmasson. (2008). Patents, Registered Designs, Trade Marks and Copyright For Dummies. Amazon.com
- John N. Gathegi New York, NY: Neal-Schuman Publishers. 2011. (The legal advisor for librarians, educators & information professionals; no. 3). 157 p.\$123.50.ISBN: 978-1-55570-649-4.
- Jude C. Umeh. (2008). The World beyond Digital Rights Management . Amazon.com
- Mahesh, G. Mittal, Rekha (2009) "Digital content creation and copyright issues", The Electronic Library, Vol. 27 Issue: 4, pp.676-683, <https://doi.org/10.1108/02640470910979615>
- YiJun Tian and Jane Winn. (2008). Re-thinking Intellectual Property: The Political Economy of Copyright Protection in the Digital Era (Routledge Research in Intellectual Property). Amazon.com