COMPULSORY PAPERS

Paper – M-107 – INFORMATION AND COMMUNICATION TECHNOLOGY APPLICATIONS IN LIS (Practical)

UNIT – I: Website Designing and Navigational Tools

Designing Static and Dynamic Library Websites

Designing Mobile Websites

Developing Web Directories, Subject Gateway and Library Portals

Designing and Developing Library Blogs, RSS Feeds, Wikis and Flickr, etc

Image Creation using Photoshop, CorelDraw, etc.

UNIT – II: Integrated Library Management Systems and Institutional Repositories

Installation and Configuration, Hands on Functional Modules of an Integrated Library Management System (Open Source)

Web based Library Management Software

Installation and Configuration, Hands on Collection Building using GLI in Local and Web Library Modes and Metadata Creation

Customization of Greenstone Digital Library Software

UNIT – III: Audio and Video Conferencing

Audio Conferencing

Video Conferencing

UNIT – IV: Advanced Searching and Metadata Creation

Downloading MARC 21 Records using Z39.50 Protocol

Federated Search

Creation of Metadata

Recommended Books

1. **BATES (Chris)**. XML in theory and practice. 2003. John Wiley, Chichester.
2. **BRADLEY (Phil)**. How to use web 2.0 in your library. 2007. Facet Publishing, London.
3. **COX, (Christopher N)**. Federated search: solution or setback for online library services. 2006. The Haworth Press, Philadelphia.
4. **DONNELLY (V)**. Designing easy-to-use websites: a hands-on-approach to structuring successful websites. 2000. Addison-Wesley, Boston.
5. **LOWERY (Joseph W)**. Dreamweaver MX bible. 2002. Wiley Publishing, Indianapolis.
6. **LYNCH (P J) and HORTON (S)**. Web style guide: basic design principles for creating web sites. Ed.3. 2009. Yale University Press, London.
7. **McCLELLAND (Deke)** . Photoshop 7 bible. 2003. Wiley Publishing, New York.
8. **SIMMONS (Curt)**. Microsoft office front page 2003 bible with CDROM. 2003. Wiley Publishing, Indianapolis.
9. **ULLMAN (Larry)**. Building a web site with ajax: visual quickpro guide. 2007. Peachpit Press, Berkeley.
10. **WITTEN (Ian H), BODDIE (Stefan)** and **THOMPSON (John)**. Greenstone digital library user's guide. 2006. New Zealand Digital Library Project, New Zealand.