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

6. **LYNCH (P J) and HORTON (S)**. Web style guide: basic design principles for creating web sites. Ed.3. 2009. Yale University Press, London.
10. **WITTEN (Ian H), BODDIE (Stefan) and THOMPSON (John)**. Greenstone digital library user’s guide. 2006. New Zealand Digital Library Project, New Zealand.