

MANGALORE UNIVERSITY
Department of Library and Information Science
Master of Library and Information Science

LSH452: INFORMATION TECHNOLOGY – II

Objectives:

- To introduce the students with the library automation and related issues.
- To study Library Software Packages
- To familiarize students with library automation
- To understand infrastructure requirements for library automation-hardware, software and skilled manpower
- To understand current trends in Information Technology
- To study information technology application to Library and Information work
- To study retrospective conversion of documents.

Course Outcome (CO):

- CO1 Able to understand basic concept of library automation; need, areas, and strategies for library automation.
- CO2 Able to understand the infrastructure requirements like hardware, software, and skilled manpower for implementing automation in libraries
- CO3 Gain the knowledge and its features and functions of housekeeping tools like acquisitions, cataloging and also knowledge of their file and data structures of library automation.
- CO4 Knowledge of housekeeping operators of circulation, serials control, OPAC and Web OPAC.
- CO5 Know the process, strategies and techniques of retrospective conversion of records.
- CO6 Hands on experience of library automation software packages like SOUL, Libsys, KOHA, NewGenLib, and e-Granthalaya.
- CO7 Knowledge of current trends in IT and its application to library and information work.

- Unit 1 : Library Automation: Meaning and Definition, Need, Areas of Library Automation, Strategies for Library Automation. 08hrs
- Unit 2 : Infrastructure Requirements for library automation- Hardware, Software, Humanware. 06hrs
- Unit 3 : Automations of Housekeeping features- Acquisitions, cataloging, file and data structures. 08hrs
- Unit 4 : Automation of Housekeeping operators: Circulation and Serials Control, file and data structures, OPAC, Web OPAC. 08hrs

- Unit 5 : Retrospective conversion of records: Meaning Retrospective Conversion Process, Strategies and Techniques. 06hrs
- Unit 6 : Library Software Packages – Proprietary– SOUL, Libsys, Open Source Software – KOHA, NewGenLib, e-Granthalaaya, Evaluation of Library Automation Software. 08hrs
- Unit 7 : Current Trends in Information Technology and Application to Library and Information work 06hrs

Reference:

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