

Name of the Course	Library Automation Systems
Course Code	LIB-504
Credit Hours	3
Objectives	1. To enhance the knowledge of the students about library automation concepts, trends, developments, systems,
Contents	<p>Unit-I Library automation</p> <p>1.1 Definition 1.2 History 1.3 Need for library automation 1.4 Advantages and disadvantages</p> <p>Unit-II Systems analysis for library automation</p> <p>1.1 Need analysis 1.2 Hardware and software 1.3 Relevant technical standards</p> <p>Unit-III Planning and acquisition of automation systems</p> <p>3.1 Bespoke, off the shelf, and open source systems 3.2 Technology plan 3.3 Selection and evaluation 3.4 Contract negotiation 3.5 Retrospective conversion 3.6 Post analysis</p> <p>Unit-IV Overview of the major library automation subsystems</p> <p>4.1 Circulation 4.2 inter-library loan 4.3 acquisitions and collections management 4.4 serials 4.5 cataloguing 4.6 OPAC services</p> <p>Unit-V Next-Generation library systems</p> <p>1.1 Trends 1.2 Advance features</p>
Teaching & Learning Strategies	A combination of lecturing, class participation, and discussions will be used to conduct the course. Students will be expected to read extensively ahead of each class session and actively participate in discussions.
Assignments	Written assignment (10 marks), presentation (5 marks) and quiz (10 marks)
Recommended Reading Material	<p>Bilal, D. (2014). <i>Library automation: Concepts and practical systems analysis</i> (3rd ed.). Santa Barbra, CA: Libraries Unlimited.</p> <p>Breeding, M. (2014). <i>Library Systems Report 2014</i>. American Libraries.</p> <p>Burke, J. J. (2013). <i>The Neal-Schuman library technology companion</i> (4th ed.). ALA Neal-Schuman.</p>

	<p>Breeding, M. & Yelton, A. (2011). Librarians' assessments of automation systems: survey results, 2007-2010. <i>Library Technology Reports</i>, 47(4).</p> <p>Blowers, H. (2012). Determining if open source is right for you. <i>Computers in Libraries</i>, 32(3). 27-29.</p> <p>Nagy, A. (2011). Analyzing the next-generation catalog. <i>Library Technology Reports</i>, 47(7).</p> <p>Engard, N. C., & Gordon, R. S. (2012). <i>The Accidental systems librarian</i>. Medford, New Jersey: Information Today, Inc.</p> <p>Cibbarelli, P. R. (2010). Helping you buy ils: guide to ILS vendors & products (PDF). <i>Computers in Libraries</i>, 30(1).</p> <p>Rafiq, M. & Ameen, K. (2009). Issues and lessons learned in open source software adoption in Pakistani libraries. <i>The Electronic Library</i>, 27(4), 601-610.</p> <p>Rafiq, M. (2008). Radio Frequency Identification (RFID): Its usage and libraries. In Ramchandran, S. (Ed.), <i>Radio frequency identification in libraries: Concepts and cases</i>. Hyderabad, India: ICAFI University Press. pp. 3-17</p>
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Assessment and Examinations:

Sr.#	Elements	Weightage	Details
1	Midterm Assessment	35%	Written test (at the mid-point of the semester)
2	Formative Assessment	25%	Assignment, presentation and quiz
3	Final Assessment	40%	Written test (at the end of the semester)