

<b>Name of the Course</b>	<b>Application of Information Systems</b>
<b>Course Code</b>	AIS-604
<b>Credit Hours</b>	3
<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. To enhance the theoretical knowledge of students about information systems particularly currently used in library and information settings</li> <li>2. To inculcate the practical skills of students to implement library automation systems and digital library management systems</li> </ol>
<b>Contents</b>	<p><b>Unit-I Introduction to information system</b></p> <ol style="list-style-type: none"> <li>1.1 Definition</li> <li>1.2 Types</li> <li>1.3 Components</li> </ol> <p><b>Unit-II Organizational IT infrastructure</b></p> <ol style="list-style-type: none"> <li>2.1 Components</li> <li>2.1 Hardware Platform Trends</li> <li>2.2 Software Platform Trends</li> </ol> <p><b>Unit-III Open source vs. proprietary software</b></p> <p><b>Unit-IV Integrated library automation systems</b></p> <ol style="list-style-type: none"> <li>4.1 Definition</li> <li>4.2 Components</li> <li>4.3 Choices</li> </ol> <p><b>Unit-V Digital Content Management Systems</b></p> <ol style="list-style-type: none"> <li>5.1 Definition</li> <li>5.2 Components</li> <li>5.3 Choices</li> </ol> <p><b>Unit-VI Information system implementation in knowledge based organization</b></p> <ol style="list-style-type: none"> <li>6.1 Institutional repositories</li> <li>6.2 Digital libraries</li> <li>6.3 Open archives</li> </ol> <p><b>Unit 7 – Hands-on practice and training</b></p> <p>Students will implement the systems (LIMS/Koha/Evergreen; DSpace/GSDL; OJS, etc.) and develop prototypes for evaluation by instructor.</p>
<b>Teaching &amp; Learning Strategies</b>	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.
<b>Assignments</b>	Written assignment (10 marks), presentation (5 marks) and quiz (10 marks)
<b>Recommended Reading Material</b>	<p>Evans, A., Martin, K., &amp; Poatsy, (2014). <i>Technology in Action</i> (11<sup>th</sup> ed.). Prentice Hall.</p> <p>Valacich, J. &amp; Schneider, C. (2013). <i>Information systems today: Managing in the digital world</i> (6<sup>th</sup> ed.). Prentice Hall.</p>

	<p>Pearlson, K. E., Saunders, C. S. (2012). <i>Managing and using information system</i> (5<sup>th</sup> ed.). Wiley.</p> <p>Hagg, S., &amp; Cummings, M. (2012). <i>Management information systems for the information</i> (9<sup>th</sup> ed.). McGraw-Hill/Irwin.</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)