

<b>Name of the course</b>	<b>Management Information System</b>
<b>Course Code</b>	BBA 406
<b>Semester</b>	VIII
<b>Credit Hours</b>	3
<b>Prerequisite</b>	-
<b>Learning outcomes</b>	<p>After successful completion of this course, students are expected to have::</p> <ol style="list-style-type: none"> <li>1. Knowledge about basic concepts about IT/IS systems, functions and important.</li> <li>2. Understand organizational, business, and strategic issues related with IT/IS Management.</li> <li>3. Able to analyze and evaluate the IT/IS management practices and future potential.</li> </ol>
<b>Contents</b>	<p><b>Unit-1 Introduction</b></p> <ol style="list-style-type: none"> <li>1.1 Management Information System and its Subsystems</li> <li>1.2 Information Resource Management</li> <li>1.3 Goals of Information System</li> <li>1.4 Key Issues and Challenges in MIS</li> </ol> <p><b>Unit-2 System &amp; Models</b></p> <ol style="list-style-type: none"> <li>2.1 System</li> <li>2.2 Components of System</li> <li>2.3 Environment, Open Vs Specific Models, Levels of Models</li> </ol> <p><b>Unit-3 Models of Organizational System</b></p> <ol style="list-style-type: none"> <li>3.1 General Model of Organization</li> <li>3.2 Strategic Planning Model</li> </ol> <p><b>Unit-4 Management &amp; Decision Making</b></p> <ol style="list-style-type: none"> <li>4.7 Management</li> <li>4.8 Contingency Approach</li> <li>4.9 Managerial Decision-Making</li> <li>4.10 Characteristic of Effective Information</li> <li>4.11 Types of Decisions, Decision Making Process</li> <li>4.12 Evaluating Decision Making Process</li> </ol> <p><b>Unit-5 Roles of Manager, Planning and Control</b></p> <ol style="list-style-type: none"> <li>5.1 Management Styles</li> </ol> <p><b>Unit-6 Database Management</b></p> <ol style="list-style-type: none"> <li>6.1 Over View of Database Management System</li> <li>6.2 Concept of File</li> <li>6.3 Limitations of File</li> <li>6.4 Database Models</li> <li>6.5 Database Administrator</li> </ol>

	<p>6.6 SQL, Concurrent Access</p> <p>6.7 Security, Data Dictionaries</p> <p><b>Unit-7 Networking</b></p> <p>7.1 Networks, Exchanging the Information,</p> <p>7.2 Types of Network LAN, WAN,</p> <p>7.3 Clients/Servers and Peer-to-Peer Networks</p> <p>7.4 Networking Topologies</p> <p>7.5 Networking Media</p> <p>7.6 Networking Protocols</p> <p><b>Unit-8 Transaction Processing</b></p> <p>8.1 Transaction Processing System</p> <p>8.2 Transaction Processing Cycle</p> <p>8.3 Transaction Processing Subsystems</p> <p><b>Unit-9 Management Reporting System</b></p> <p>9.1 Types of Reports, Structuring Reports</p> <p>9.2 Role of MRS</p> <p><b>Unit-10 Decision Support System (DSS)</b></p> <p>10.1 DSS, Goals and Applications</p> <p>10.2 Components of DSS</p> <p>10.3 DSS Development</p> <p>10.4 Group Decision Support System (GDSS)</p> <p>10.5 Components, Configuration, Classification and Goals</p> <p><b>Unit-11 Executive Information System (EIS)</b></p> <p>11.1 Executive, Executives' Role in Decision-Making</p> <p>11.2 Executive Decision-Making Environment</p> <p><b>Unit-12 Knowledge Based Systems</b></p> <p>12.1 Artificial Intelligence (AI), AI Applications</p> <p>12.2 Need for Expert Systems (ES)</p> <p>12.3 Components of ES, Developing ES</p> <p>12.4 ES Vs. Conventional Applications</p> <p>12.5 Uses and Limitations of ES</p> <p><b>Unit-13 Office Information Systems (OIS)</b></p> <p>13.1 Office and Office Systems</p> <p>13.2 Types of Office Automation Systems</p>
<b>Teaching &amp; Learning Strategies</b>	A combination of lecturing, presentations, 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 and practical work.
<b>Assignment</b>	Written assignment (10 marks), presentation (5 marks) and Quiz (10 marks)
<b>Suggested Readings</b>	<p>Aldarbesti, H., &amp; Saxena, J. P. (2014). Management information system for education. <i>IOSR Journal of Research &amp; Method in Education</i>, 4(1), 36-44.</p> <p>Berisha-Shaqiri, A. (2014). Management Information System and Decision-Making. <i>Academic Journal of Interdisciplinary Studies</i>, 3(2), 19.</p> <p>Laudon, K. C., &amp; Laudon, J. P. (2015). <i>Management information systems</i> (p. 143). Upper Saddle River: Pearson.</p>

	<p>Paraforos, D. S., Vassiliadis, V., Kortenbruck, D., Stamkopoulos, K., Ziogas, V., Sapounas, A. A., &amp; Griepentrog, H. W. (2016). A farm management information system using future internet technologies. <i>IFAC-PapersOnLine</i>, 49(16), 324-329.</p> <p>Wang, D., Yang, D., Zhou, H., Wang, Y., Hong, D., Dong, Q., &amp; Song, S. (2020). A Novel Application of Educational Management Information System based on Micro Frontends. <i>Procedia Computer Science</i>, 176, 1567-1576.</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)