

FACULTY OF COMPUTER APPLICATIONS
Bachelor of Computer Applications

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|----------|--|-----------|
| 3 | <p>Knowledge management and Decision-Making Process</p> <p>Knowledge and knowledge Management System, Knowledge Management, Driving forces behind knowledge management, Key aspects of KM , Designing for business benefits from KM, Business Intelligence, Decision support system, Group decision support system , Benefits of DSS, DSS Applications in E- enterprise</p> | 09 |
| 4 | <p>Enterprise applications and Business Intelligence</p> <p>Enterprise systems, Supply chain management systems, Customer relationship management systems E-commerce: Business and Technology What is Business Intelligence, Why is BI developed, How is BI used.</p> | 09 |
| 5 | <p>Securing Information Systems</p> <p>System Vulnerability and Abuse, Malicious Software: VIRUSES, worms, Trojan horses, and spyware ,hackers and computer crime, software vulnerability Establishing a Framework for Security and Control , Information Systems Controls , Risk Assessment , Security Policy , Disaster Recovery Planning</p> | 09 |

Course Outcomes:

1. Students will be able to understand about organizations, management and role of Information Systems
2. Students can distinguish between the concept of Ethical and Social Issues in Information Systems
3. Students will be able to apply and relate Knowledge Management and Decision Making Process
4. Students will be able to analyze Enterprise applications and concepts of Business Intelligence (BI).
5. Students will be able to gain the knowledge about how to secure Information Systems

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Course Outcomes – Program Outcomes Mapping Table:

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CO1 | H | | | | | | L | L |
| CO2 | L | L | | | | | L | L |
| CO3 | H | M | M | L | M | M | L | M |
| CO4 | H | L | L | L | M | M | L | M |
| CO5 | | L | | | L | L | L | L |

Text Book :

1. Analysis and Design of Information Systems, V. Rajaraman, PHI Publication, 2nd Edition
2. Management Information System – Managing the Digital Firm , Kenneth Loudon, Jane Loudon, Pearson Education, 2014 , 13th Edition.
3. Management Information Systems – Text & Cases, Waman S. Jawadekar, Tata McGrawHill Publication , 5th Edition.

Reference Books :

1. Management Information System, James O’Brien, George Marakas, McGraw Hill Irwin , , 10th Edition.
2. Management Information Systems – For the Information Age, Stephen Haag, Maeve Cummings, Amy Philips , McGraw-Hill Publication , 6th Edition.
3. Management Information Systems: Conceptual Foundations, Structure & Development , Davis, G/ Olson, M. , Tata McGraw Hill (TMH) Publications , 2nd editionEdition: 2nd edition
4. Robert G. Murdick, Joel E. Ross, James R. Claggett, “Information Systems for Modern Management”, 3rd Edition, PHI Publication.
5. Management Information Systems , Oka M. M. , Everest Publishing House India , 14th edition

Web References :

1. https://www.tutorialspoint.com/management_information_system/index.htm
2. <https://www.guru99.com/mistutorial.html>



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App References :

1. <https://play.google.com/store/apps/details?id=com.eniseistudio.mis&hl=en&gl=US>
2. <https://play.google.com/store/apps/details?id=com.eniseistudio.mis&hl=en&gl=US>

Syllabus Coverage from Text book & web/app reference:

| Unit No | Chapter Numbers |
|----------------|---|
| Unit - 1 | Book-1: Chapter - 1(except 1.3) |
| Unit - 2 | Book-3:: Chapter - 1,6 |
| Unit - 3 | Book-3 : Chapter - 7 (7.8,7.9),14(14.1,14.3,14.4,14.5,14.6) |
| Unit - 4 | Book-2: Chapter - 9(9.1,9.2 ,9.3), 10(10.2) Book-3: Chapter - 11(11.2,11.4,11.5) |
| Unit - 5 | Book-2: Chapter - 8(8.1) |