

UNIT I

Introduction to MIS: concept, Definition, role, Impact and effectiveness of MIS. E-business enterprise: Introduction, E-business, E-commerce, E-communication, E-collaboration. Information Security Challenges: Security Threats controlling and management.

UNIT II

Basic of Management Information System: Decision Making, Information and knowledge, OO-Technology and MIS, Business process Re-engineering.

UNIT III

Application of Management Information system: Application in manufacturing sector using for personal management, financial management, Production Management, Material Management, Marketing Management Application in Service Sector.

UNIT IV

Enterprise Resource Planning (ERP): EMS, ERP, Benefits implementation, EMS & MIS. Case Studies: Application of SAP technologies in manufacturing sector

UNIT V

Database and client server architecture, Data Warehouse: architecture to implementation, E-business Technology: Electronic payment systems, Web enabled business management, MIS in web environment.

Reference Books:

1. V. Rajaraman, "Analysis and Design of Information Systems", PHI Publication, 2nd Edition (2006)
2. Waman S. Jawadekar, "Management Information Systems – Text & Cases", Tata McGrawHill Publication, 4th Edition (2009)
3. Ken Laudon, Jane Laudon, Rajanish Dass, "Management Information Systems – Managing the Digital Firm", Pearson Education, 11th Edition (2010)
4. Robert G. Murdick, Joel E. Ross, James R. Claggett, "Information Systems for Modern Management", PHI Publication, 3rd Edition (2005)
5. Stephen Haag, Maeve Cummings, Amy Philips, "Management Information Systems – For the Information Age", McGraw-Hill Publication, 6th Edition (2010)
6. Leonard Jessup, Joseph Valacich, "Information Systems Today – Managing in the Digital World", PHI Publication, 3rd Edition (2008)
7. Sanjay Mohapatra, "Cases in Management Information Systems", PHI Publication, (2009)
8. Lisa Miller, "MIS Cases – Decision Making with Application Software", Pearson Education, 3rd Edition (2007)
9. Steven Alter, "Information Systems – The Foundation of E-business", Pearson Education, 4th Edition (2002)