

PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
(Autonomous)
Kanuru, Vijayawada – 520 007
(AICTE approved, NBA accredited and ISO 9001:2008 certified Institution)
(Permanent affiliation to JNTUK, Kakinada)
(Effective for students admitted into first year MBA in 2012-13)

BA1T7- Management information system

- Unit 1- Management information system in a digital firm:** MIS concept-Definition –Role of the MIS-Impact of the MIS-MIS and the user- Management as a control system- MIS a support to management- Development process of the MIS.
- Unit 2- System analysis and design:** The need for system analysis- System analysis of the existing system- System analysis of a new requirements-System development model- Structured system analysis and design- Object oriented analysis.
- Unit 3- Information system applications:** MIS applications, DSS- GDSS-DSS applications in E enterprise - Knowledge management system and knowledge based expert system- Enterprise model system and MIS- E- business, E- commerce, E-communication. Security challenges in E-enterprises; Security threats and vulnerability-Controlling security threat and vulnerability.
- Unit 4- Technology of information system:** Data process- Transaction and application process- Information system process; Unified communication and network; Business process reengineering
- Unit 5- Data base management system:** Objectives of data base approach- Characters of database Management systems- Data processing system- Components of DBMS packages- Data base administration- Data models –Data warehouse.

Text Books:

1. Jawadekar W S, “Management Information Systems”, Tata McGraw Hill Private Limited, New Delhi, 2009.
2. Kenneth C.Laudon and Jane P.Laudon: “Management Information Systems” 9/e, Pearson Education, New Delhi.

References

1. Alex Leon and Mathew Leon: “Data Base Management Systems”, Vikas Publishing House, New Delhi.
2. Goyal DP: “ Management Information System”, MACMILLAN India Limited, New Delhi, 2008.
3. Mahadeo Jaiswal, Monika Mital: “Management Information System”, Oxford University Press, New Delhi, 2008.
4. Murthy C.S.V.: “Management Information System”, Himalaya Publications, New Delhi, 2008.
5. Panneerselvam R.: “Database Management System”, PHI Private Limited, New Delhi, 2008.
6. Philip J, Pratt, Joseph J. Adamski: “Database Management Systems”, Cengage Learning, New Delhi, 2009.
7. Richard T. Watson: “Data Management “, WILEY INDIA Limited, New Delhi, 2008.
8. Rob and Cornell: “Data Base Management Systems” Cengage Learning, New Delhi.