

1MCACC4: MANAGEMENT INFORMATION SYSTEMS

Total No. of Hours: 52

Hours/Week: 04

Course Objective: To gain managerial skills and understanding of business environment aspects.

Course Outcome: Students will be able to

CO1: Understand the role of Information System in business and describe the Organizational Structure.

CO2: Analyse and identify the components of an Information System in an organization.

CO3: Interpret the applications of current input, output and storage technologies applied in business systems.

CO4: Comprehend the business applications concepts and the role of E-Commerce.

CO5: Understand the importance of DSS in business and also analyse the security and ethical challenges of IT in business.

Unit I	Introduction to MIS: Information Systems in Business – The Components of Information Systems – Fundamentals of Strategic Advantage, Using IS for Strategic Advantage. Computer Hardware and Software: End-User and Enterprise Computing – Input, Output and Storage Technologies – Application software, Computer system Management – Fundamentals of Database management – Managing Data resources.	10 hrs
Unit II	e-Business Systems: Introduction, Functional business systems Enterprise Business System: Customer Relationship Management – Enterprise Resource Planning – Supply Chain Management.	12 hrs
Unit III	Electronic Commerce systems: Fundamentals of Electronic commerce – e-Commerce Applications and Issues.	10 hrs
Unit IV	Decision Support Systems: Decision support systems in business – Developing Business Systems – Implementing Business systems.	10 hrs

Unit V	Security and Ethical Challenges: Security, Ethical and Societal Challenges of IT – Security Management of Information Technology.	10 hrs
--------	---	--------

REFERENCE BOOKS

- [1] James A O'Brien, George M Marakas, Ramesh Behl "*Management Information Systems*", McGraw Hill, Seventh edition
- [2] Murdick, "*Information System for Modern Management*", PHI.
- [3] Jawadekar, "*Management Information System*", TMH.
- [4] Jain Sarika, "*Information System*", PPM
- [5] Davis, "*Information System*", Palgrave Macmillan