

II Year III Semester

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MANAGEMENT INFORMATION SYSTEM

UNIT-I:

Management Information Systems: A Framework: Importance of MIS, MIS: A Definition nature and Scope of MIS, **Structure and Classification of MIS:** Structure of MIS, MIS Classification

Information and System Concepts: Information: A Definition, Types of Information, Dimensions of Information, System: A Definition, Kinds of Systems, System Related Concepts, Elements of a System, Human as an Information Processing System

Information Systems for Competitive Advantage: Introduction, Changing concepts of Information System, Competitive Advantage, Information systems Strategies for Dealing with competitive Force, Porter's Value Chain Model, Strategic Information Systems (SIS)

UNIT-II:

BUSINESS APPLICATIONS OF IS

e – Commerce: Introduction, e – Commerce **ERP Systems:** Introduction, Enterprise Information Systems

Decision – Support Systems: Decision – Making: A Concept, Simon's Model of Decision – Making Types of Decisions, Methods for Choosing Among Alternatives, Decision – Making and MIS, Decision Support Systems – Why?, Decision Support Systems: A framework, Characteristics and Capabilities of DSS

Business Intelligence and knowledge Management System: Business Intelligence, Knowledge Management System

UNIT-III:

Information System Planning: Information System Planning: WHY? Planning Terminology Information System Planning, The Nolan Stage Model, The Four – Stage Model of is planning Selecting A Methodology, Information Resources Management (IRM), Organization Structure and Location of MIS

System Acquisition: Acquisition of Information Systems, Acquisition of Hardware and Software

UNIT- IV:

System Implementation: IMPLEMENTATION PROCESS, Organisational Change

Evaluation & Maintenance of IS: Evaluation of MIS, System Maintenance

IS Security and Control: IS Security Threats, Protecting Information System, IS Security Technology The Disaster Recovery Plan

UNIT-V:

BUILDING OF IS

System Development Approaches: System Development Stages, System Development Approaches

System Analysis and Design: SYSTEM ANALYSIS - Introduction, Requirement Determination, Strategies for Requirement Determination, Structured Analysis Tools

SYSTEMS DESIGN: Design Objectives, Conceptual Design, Design Methods, Detailed System Design

TEXTBOOKS:

1. Management Information System, Managerial Perspectives, D P Goyal, 3 ed, McMillan Publications