

MANAGEMENT INFORMATION SYSTEM (MIS)

Syllabus

Unit 1: Fundamentals concepts of MIS

Basics concepts of MIS/ Types of MIS, Dimension and components of IS, Benefits of MIS, IT infrastructure, and IT infrastructure evolution, Components of IT infrastructure, new approaches for system building in the digital firm era

Unit 2: Database management system

Objectives of database approach- Characters of database Management systems- Data processing system- Components of DBMS packages - Database administration- Entity – Relationship (conceptual).

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 E-Business, E-Commerce, E-communication, Business Process Reengineering.

Unit 4: Managing Projects

Objectives of project management, Fundamentals of project management information systems with agile methodologies -Introduction of SCRUM, Roles and meetings, User stories, Project risk, Controlling risk factors, Ethical, social, and political issues in the information era.