

MB206.2: Management Information System

Course Objectives:

At the end of the course,

- Students are able to understand the usage of Information Systems in management.
- The students would understand the activities that are undertaken in acquiring an Information System in an organization.
- student would be aware of various Information System solutions like ERP, CRM, Data warehouses and the issues in successful implementation of these technology solutions in any organization.

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Unit-I: An Overview of Management Information Systems(MIS):

Concept & Definition of MIS, MIS Vs. Data Processing, MIS & Decision Support Systems - MIS & Information Resources Management -End User Computing, MIS Structure, Managerial View of IS, Functions of Management, Management Role, Levels of Management.

Unit-II: Foundation of Information Systems:

Introduction to Information System in Business, Fundamentals of Information Systems, Solving Business Problems with Information Systems, Types of Information Systems, Effectiveness and Efficiency Criteria in Information System, Frame Work For IS, Sequence of Development of IS.

Unit-III: Concept of Planning & Control:

Concept of Organizational Planning, Planning Process, Computational Support for Planning, Characteristics of Control Process, Nature of Control in an Organization. IS Planning, Determination of Information Requirements, Business Systems Planning, End Means Analysis, Organizing the Plan.

Unit-IV: Business Applications of Information Technology:

Internet & Electronic Commerce, Intranet, Extranet & Enterprise Solutions, Information System for Business Operations, Information System for Managerial Decision Support, Information System for Strategic Advantage.

Unit-V: Advanced Concepts in Information Systems:

Enterprise Resource Planning, Supply Chain Management, Customer Relationship Management and Procurement Management, Systems Analysis and Design, System Development Life Cycle, Prototyping, SAD, Project Management, Cost Benefit Analysis, Detailed Design, Implementation.

Suggested Books:

1. Management Information System: O Brian, TMH.
2. Management Information System: Gordon B.Davis & Margrethe H.Olson, TMH.
3. Information System for Modern Management: Murdick, PHI.
4. Management Information System: Jawadekar, TMH
5. Management Information System: Stephen Haag, McGraw-Hill Higher Education

Course Outcomes :

- The student is able to understand an MIS in real-life situation,
- Identify the need of MIS, implementation issues in MIS in that organization and future trends in that system.