

M.C.A. (Commerce)
Semester -III
Subject Name -: Management Information System

Course Code -:308

Objectives -:

1. To understand management information concepts
2. To understand knowledge and decision making concepts
3. To study object oriented technology

Ch. No.	Topic	No. of Lect.	Reference Books
1	Ch. 1 : Introduction to Management Information system 1.1 MIS: Definition 1.2 Role of MIS 1.3 Impact of MIS 1.4 MIS & User 1.5 MIS As an evolving concept. 1.5.1 MIS VS Data processing 1.5.2 MIS & DSS 1.5.3 MIS& Information Resource management	7	1,2
2	Ch.2:Structure of MIS 2.1 Operating elements of an Introduction system 2.2 Management Information system support for Decision making 2.3 MIS structure based on Management activity 2.4 MIS structure based on organizational function 2.5 Synthesis of this structure 2.6 Issues at this structure	6	2
3	Ch.3:Decision Making 3.1 Decision Making concepts 3.2 Decision Making process 3.3 Methods for deciding among alternatives 3.4 Documenting & Communicating Decision Rules	5	1,2
4	Ch. 4 : Information and Knowledge 4.1 Information concepts 4.2 Information : A quality product 4.3 Classification of the Information 4.4 Method of data and Information collection 4.5 Value of the Information 4.6 General Model of a Human as an Information Processor	8	1

	<p>4.7 Summary of Information Concepts and their Implications</p> <p>4.8 Knowledge</p> <p>4.9 MIS and the Information and Knowledge</p>		
5	<p>Ch. 5 : System Engineering : SSAD</p> <p>5.1 System concepts</p> <p>5.2 System Controls</p> <p>5.3 Types of System</p> <p>5.4 Handling system Complexity</p> <p>5.5 Classes of Systems</p> <p>5.6 General model of MIS</p> <p>5.7 Need for system Analysis</p> <p>5.8 System Analysis of the existing system</p> <p>5.9 System analysis of a New requirements</p> <p>5.10 System Development Model</p> <p>5.11 Structured System Analysis an design</p> <p>5.12 Computer System design</p> <p>5.13 MIS and System Analysis</p>	8	1
6	<p>Ch. 6 : Object Oriented Technology and System Analysis and Design</p> <p>6.1 Introduction</p> <p>6.2 What is Object Orientation?</p> <p>6.3 Object Oriented Analysis</p> <p>6.4 System Development through OOT : A use case model</p> <p>6.5 Object oriented Language</p> <p>6.6 OOSAD Development Life Cycle</p> <p>6.7 OOT and MIS</p>	8	1
7	<p>Ch. 7 : Development of MIS</p> <p>7.1 Development of Long Range Plans of MIS</p> <p>7.2 Ascertaining the class of information</p> <p>7.3 Determining the information requirement</p> <p>7.4 Development and Implementation of the MIS</p> <p>7.5 Management of Information Quality in the MIS</p> <p>7.6 Organization for development of MIS</p> <p>7.7 MIS : development process model</p>	8	1
	Total	50	

Reference Books :-

- 1. Management Information Systems By Jawadekar (Tata McGraw Hill Publication)**
- 2. Management Information Systems By Gordon Davis and Margrethe Olson (Tata McGraw Hill Publication)**