



Subject Code: 09CT0601

Subject Name: Management Information System

Diploma Year – III (Semester VI)

Objective:

The main goals of a MIS are to help executives of an organization make decisions that advance the organization's strategy and to implement the organizational structure and dynamics of the enterprise for the purpose of managing the organization in a better way for a competitive advantage.

Credits Earned: 02 Credits

Course Outcomes: After completion of this course, student will be able to:

1. Understand need and importance of Management Information System. [Remember]
2. Elaborate the supporting role of Management in decision-making. [Analyze]
3. Interpret the role of MIS in various functional areas of management. [Understand]
4. Develop and integration of information with MIS.[Apply]

Teaching and Examination Scheme:

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial / Practical Marks		Total Marks
				E	I		V	T	
Theory	Tutorial	Practical		ESE	IA	CSE	Viva	Term Work	
2	0	0	2	50	30	20	0	0	100



Contents:

Unit	Topics	Contact Hours
1	Introduction to Management Information System Information System and its roles, Classify Information, Elaborate Management Information System, Describe Benefits and Limitations of MIS.	6
2	MIS Development: Describe the roles of systems analysts, State the Tools used by system analyst in designing Information system, Describe MIS Development Life Cycle, State the features of MIS Development Models, Elaborate MIS Design.	5
3	Decision Support Systems: Introduction, Understanding DSS- Management and DSS-Decision making-types of decisions, Analytics and Business Intelligence- BI techniques	6
4	Managing IT Function: Introduction, challenges of managing IT function - modern IT environment - centralization vs. decentralization - IT security - technology selection, vendor management - vendor selection - vendor contracts and service levels – relationship management - vendor retention or termination	5
5	Integration of Information State the areas of MIS Integration with various business function area, Elaborate following terms - ERP, BPO , E-Commerce	6
Total Hours		28



Suggested Text books / Reference books:

1. Management Information Systems by Davis Tata McGraw-Hill
2. Management Information systems by W.S. Jawadekar TMH
3. Information Technology for Management: Transforming Organizations in Digital Economy by EfraimTurban, Dorothy Leidner, Ephraim McLean and James Wetherby, Wiley

Suggested Theory distribution:

The suggested theory distribution as per Bloom’s taxonomy is as per follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process.

Distribution of Theory for course delivery and evaluation					
Remember	Understand	Apply	Analyze	Evaluate	Create
30%	30%	15%	25%	0%	0%

Supplementary Resources:

- 1) <http://www.mu.ac.in/mis.pdf>
- 2) <http://people.du.ac.in/~ssirpal/presentations/MIS%20Concepts%20&%20Design.pdf>
- 3) http://www.tutorialspoint.com/management_information_system/mis_tutorial.pdf

List of Journals / Periodicals / Magazines / Newspapers / Web resources, etc.

1. MIS Quarterly, University of Minnesota
2. CIO
3. Computer Express
4. Digichip
5. PC World
6. Computer Shopper
7. Dataquest