

	Management Information System				
Time Allotted for End Semester Examination	Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks (MM)	Total Credits	Maximum Hours
3 Hrs.	30 (20+10)	70	100	03	40

OBJECTIVE: The objective of the course to develop the basic understanding of the decision support system and management information system for business organization.

- Importance of MIS, Concept of Management Information Systems, Definition of MIS, Nature and Scope of MIS, Structure and Classification of MIS. **Case Study1:** Information Systems at Tata Motors. **(8 hours)**
- System Development Stages, System Development Approaches– Lifecycle, Waterfall and Prototype Approach, Definition of System, Kinds of Systems **(8 hours)**
- Concept of Decision.Making, Simon’s Model of Decision.Making, Decision Support system, Relevance and Scope of DSS, Characteristics and Capabilities of DSS, Components of DSS. **(8 hours)**
- Conceptual Model of a DSS, Database Management System (DBMS), Model base Management System (MBMS) and Dialogue Generation Management System (DGMS). **(8 hours)**
- Group Decision Support System (GDSS), Components of GDSS, DSS Generators, DSS Tools, Comparison between MIS and DSS. **Case Study2:** Video Surveillance at Jindal Steel. **(8 hours)**

SUGGESTED READINGS:

1. Goyal, D.P. (2006). *Management Information Systems – Managerial Perspectives* (2nd Ed.) Macmillan India Ltd, New Delhi.
2. Janakiraman, V.S., & Sarukesi, K. (1999). *Decision Support Systems*. Prentice Hall of India Pvt, Ltd..New Delhi.
3. Leod, Raymond, & Me. JR. (1993). *Management Information Systems*. Macmillan Publishing Company..New York.
4. Murthy, C.S.V. (2001). *Management Information Systems– Text & Applications*. Himalaya Publishing House.New Delhi.
5. Marakas (2003). *Decision Support Systems*. Pearson Education., New Delhi.
6. Turban, Efrain. (1988). *Decision Support & Expert Systems. Management Perspective*. New York, USA: Macmillan Publishing Company. Mumbai.
7. Theierauff, Robert, J. (1982). *Decision Support System for effective planning*. Prentice Hall, New Delhi.
8. **Case Study 1:** DE, R. (2016). MIS: Managing Information Systems in Business Government and Society. PP 5-6. New Delhi: Wiley India Pvt. Ltd.
9. **Case Study 2:** DE, R. (2016). MIS: Managing Information Systems in Business Government and Society. PP 127-128. New Delhi: Wiley India Pvt. Ltd.

NOTE: The list of Cases and specific references including recent articles will be announced in the class.