SEMESTER VI (SIX)   **CODE** 4MSS06MIS1

Name of Subject Management Information System

Teaching & Evaluation Scheme

Teaching Hours / Week				Evaluation Scheme (Marks)		
Th	Tu	P	Total	Sessional Exam	University Exam	Total
04	0	0	04	30	70	100

Objective   Understand the basic use & need of information system in an organization.

Prerequisite   Basic Computer Knowledge and different terminologies related with computer systems.

Course outline

Sr. No.	Course Contents	Number of Hours
1	Introduction of Information Systems, Effect on Organization, Managers, Evolution of IS, Reasons for IS, Changing Environment and its impact on Business - The IT/IS and its influence	04
2	The Organization: Structure, Managers and activities - Data, Information and its Attributes - The level of people and their Information needs	05
3	Computer Hardware, Mouse, Keyboard, Hard Disk, etc Computer Software: Application Software, System Software	04
4	Enterprise Resource Planning(ERP), ERP implementation, Benefits of ERP	04
5	Transaction Processing System(TPS) – Office Automation System (OAS) – Management Information System (MIS)	05
6	Decision Support System (DSS) and Group Decision Support System (GDSS)	06
7	Expert System (ES) – Executive Support System (ESS)	05
8	Communication, Media, Modems & Channels - LAN, MAN & WAN	04
9	Network Topologies, Internet, Intranet and Extranet, Wireless technologies like Wi-Fi, Bluetooth	04
10	Ethical responsibilities of Business Professionals – Business, Technology	04
11	Computer crime – Hacking, Cyber Theft, unauthorized use at work	04
12	Piracy – Software and Intellectual property. Privacy – Issues and the Internet Privacy	03

13	Challenges – working condition, individuals. Health and Social Issues	03
14	Ergonomics and Cyber Terrorism.	02
15	Practical Applications of MIS in Various Functions of an Organization	03
	Total Hours	60

Learning Outcomes

Theoretical Outcomes Through understanding of the information systems.

Practical Outcomes Application of information system within an organization and the use of IS in decision making at various levels of an organization as well as key role of IS in drafting & guiding the strategy of the organization.

Teaching & Learning Methodology

- Lectures

- Case Studies

- Class Participation

Books Recommended

1. **'Management Information Systems: Managing the Digital Firm'**, *Laudon & Laudon*, Pearson.
2. **'Management Information Systems- Managing Information Technology in the Business Enterprise'**, *O'Brien J*, TMH.
3. **'Management Information Systems'**, *Mc leod, Raymond & Schell, George P* , Pearson.

E-Resources

1. http://www.openlearningworld.com/innerpages/Fundamentals%20of%20MIS.htm
2. http://education-portal.com/articles/List_of_Free_Online_MIS_Courses_and_Classes.html