Course Title:	Management Information System
Course Code Number	MGT 361
Credit Hours	03
Year/Semester	III/VI
Course Objectives:	
Main objective	Management information system is core components of emerging business organizations. MIS aims to implement and utilize computing system in business organization to increase the productivity of the organizations to achieve their goal. It supposes to describe how organizations use information technology for competitive advantage. It aims to classify and categorize information systems based on types of function they support.
Enabling Objectives	After the completion of the chapter, Students will be able to • Define and describe the term information system and use of information system in an organization to better productivity. • Explain about Components of information system • Describe the process of how organizations use information technology for competitive advantage. • Classify and categories type of information system. • Explain different database structures, and their implementation and maintenance

Learning Unit (LU)	Learning Hours (LH)	Contents
LU 1	LH 6	**Introduction** Definition, purpose, objectives and role of MIS, Types of MIS, managerial challenges of information system, system, information system resources, information system activities, ethical and social issue in information system.
LU 2	LH 4	**Information technologies** Components of information system, Hardware components, software components, people, procedures, computer networking, Computer system: end user and enterprise computing, telecommunication network and alternatives.
LU 3	LH 8	**System Development** Overview of system development, system development process, completing the system development process, Modeling and designing the system, Alternative system, Digital firm, Application development for digital firm.
LU 4	LH 10	**Information Management with Database system** Introduction of database, database management system, difference between file system and database system, database structures (Hierarchical structure, Network structure, relational Structure, object oriented structure) Data planning and database

		design, Managing data resources, data Mining, Database maintenance, Application development.
LU 5	**LH 10**	**Securing Information system** Security Vulnerability, Malicious software, (Trajan Horse, Worm, Spyware) Inter-network security defenses (Encryption, Firewalls, E-mail monitoring, Virus defenses) Hackers and cyber vandalism, computer crime and cyber terrorism , Business value of security control, Establishing a framework for security and control (risk management) Security policies, Ensuring business continuity technological tools for security (Access control, data backup, security monitor, Firewalls, Antivirus Software, Network security, Disaster recovery).
LU 6	**LH 6**	**Decision support system** Introduction, information-decision and management, Decision structure, Decision support trends, Contemporary technology (e-services and Artificial intelligence) MIS components used to decision support system, (Management information system-**MIS**, decision support system-**DSS**, Executive support system-**ESS**, Online analytical process-**OLAP)** Enterprise portal and decision support system.
LU 7	**LH 4**	**Enterprise and global management of information technology** Business and IT, Succession planning, Business IT planning, information technology architecture, Managing Application development, managing IS operation, It staff Planning and monitoring user services, IT Governance.
References		1. Text Book: James A, O Brein; George M; Ramesh Bhel, 9th Edition; Management information system, Tata MC Graw hill Education PVT. Ltd; New Delhi 2. J. kanter "Management with information system", fourth edition, Prentice hall of India Ltd, 2004 3. V. Rajaraman, "Analysis and design of information system", Prentice hall of India, 1998.

Net Contact Hour is 48 excluding the exams and tests.
Evaluation Module: 50 percent will be assessed through the internal evaluation and 50
percent will be assessed through end semester examination