Name of Faculty	:	Faculty of Commerce and Management
Name of Program	:	Master of Business Administration (M.B.A)
Course Code	:	1MBA05
Course Title	:	Management Information System (MIS)
Type of Course	:	Professional Core
Year of Introduction	:	2023-24

Prerequisite	:	Candidates must complete the bachelor's in IT or Computer or Equivalent.
Course Objective	:	To elevate student's consciousness about the ethical responsibilities while dealing with the information and technology
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Analyse the role of technology in gaining a strategic perspective on business decision-making
	CO2	Gain the skills required in deploying, developing and managing the applicable firm's technological importance.
	CO3	Understand and behave ethically while dealing with information and technology
	CO4	Develop skills to operate competitively in the current business scenario

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
				Theory Marks		Practical Marks		Total Marks
L	T	P	C	SEE	CIA	SEE	CIA	
4	0	0	4	70	30	00	00	100

*Legends: **L**-Lecture; **T**–Tutorial/Teacher Guided Theory Practice; **P**– Practical, **C** – Credit, **SEE** – Semester End Examination, **CIA** - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.))*

Course Content

Module No.	Topics	Teaching Hours	Weightage	Mapping with COs
1	**Introduction to Information Systems** Information System: Concept of Data and Information, Meaning and Role of Information Systems, Elements and types of a System, Conversion/Installation modes of Information System, Strategic Information System.	15	25%	CO1

	Classification of Information Systems: Management Information system (MIS), Transaction Processing Systems (TPS), Decision Support System(DSS), Knowledge Management System (KMS), 35 Operations Support System (OSS), Management Support System(MSS), Process Control System(PCS), Enterprise Collaboration System(ECS), Artificial Intelligence (AI), Applications of Artificial Intelligence: Neural Networks, Fuzzy Logical Control Systems, Virtual Reality, Expert Systems (ES), Executive Information Systems (EIS)			
2	**Management Information System (MIS):** Definition and characteristics of MIS, Components of MIS, Function and Role of MIS, Process of MIS Implementation, Applications of MIS, System view of Business, Development of MIS within the organization, System approach in Planning, Organizing and Controlling MIS, Reasons for the failure of MIS. Database Management Systems (DBMS): Overview; Components, Objectives of DBMS, Functions performed by DBMS, Recent trends in DBMS, The Concept of RDBMS;	15	25%	CO2
3	**E-commerce and its Applications** Technology Adoption, Diffusion, and Absorption: New Technologies, Automation decisions, Technology Adoption, Perspectives of innovation diffusion process, Technology absorption – Role, benefits; Issues Involved in the Management of Technology and Government Initiatives E-commerce: Introduction, Comparison 36 between Traditional commerce and E-commerce, Advantages & disadvantages of Ecommerce, Buying & Selling on Internet, Challenges in Implementing Electronic Commerce, Electronic Payment System, Electronic Commerce and banking, ESecurity in cyberspace payment	15	25%	CO3
4	**Ethics in IT** Security and Ethical challenges of IT: Ethical Responsibility- Business Ethics, Technology Ethics; Ethical responsibilities of Business	15	25%	CO4

	Professionals, environmental impact analysis, Cyber Crime and Privacy Issues – Hacking, cyber theft, unauthorized use at work, Software and Intellectual property, Issues on internet privacy. Ethical issues pertaining to Technology: Cloud and mobile computing, Internet of Things, M-Commerce, IT influence on the changing business environment, Health and Social Issues, Ergonomics and Cyber terrorism			
5	. Students should study the adoption of technology by various business entities Students should simulate a business environment, access its technological needs and create Hypothetical technological framework for its strategic building	-	-	-

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	33	33	-	34	-	-

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books

Sr. No.	Name of Reference Books
1	Rohtagi P K, Rohtagi K and Bowonder B, (2018), Introduction to Technological Forecasting, Tata McGraw Hill,New Delhi, Single Edition
2	Ramesh, B. (2018), Computer Fundamentals and Information Technology. New Delhi: Laxmi Publication Pvt. Ltd, Single Edition.
3	David Cyganski, John A. Orr , Richard F. Vaz (2000) Information Technology: Inside and outside. New Delhi: Prentice Hall, Single Edition

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

Sr. No.	Name of Journals / Periodicals / Magazines / Newspapers / Web resources, etc
1	Goel, R & Kakkar, D.N. Computer Applications in Management. New Delhi: New Age International, Third Edition.
2	Leon, A. (2019). Fundamentals of Information Technology. New Delhi: Vikas Publishing, Second Edition.
3	Laudon, K. & Laudon J. (2014). MIS: Managing the Digital Firm. New Delhi: Pearson Education. Sixteen Edition.