Branch: BCA	Semester-V
Subject Code: 5105	Lecture: 04 Credit: 04
Course Opted	Discipline Specific Elective -1
Subject Title	**MANAGEMENT INFORMATION SYSTEM**

Course Objectives:
- Understand the Management Information concept with role of management in an organization.
- Explain relationships between concepts of information systems, organization, management and strategy.
- Explain managerial activities and roles with decision making process.
- Understand MIS concepts working in development stages through various case studies.

Course Outcomes:
- Enable Learners to describe the role of information technology and information systems in business and analyze how information technology impacts a firm.
- It is help learners to interpret how to use information technology to solve business problems.
- Analyze the relationship between information systems and organizations.
- Describe how managers make decisions in organizations.
- Evaluate the role of information systems in supporting various levels of business strategy.

Modules	Sr. No.	Topic and Details	No. of Lectures Assigned	Marks Weightage %
UNIT-I	1	**Management Information System in Digital Firm:- Introduction to MIS:** MIS concept, definition, role of MIS, Impact, MIS and the User, MIS effectiveness, MIS for a Digital Firm.	5	10
	2	**E-Business Enterprise:** Introduction, organization of business in Digital Firm, e-business, e-commerce, e-communication, e-collaboration, real-times enterprise, Technology used in RTE (Real Time Enterprise).	6	12
UNIT-II	3	**Basic of Management Information System:- Decision Making:** Decision making concept, decision making process, MIS and decision making, Decision Analysis by Analytical Modelling, Behavioural concepts in DM, organizational DM.	7	14
	4	**Information Concepts:** Information concept, information - a quality product, classification of information, methods of data and information collection, value of information, general model, MIS and Information.	5	10
	5	**System Engineering:** System concept, types of systems, general model of MIS, need for system analysis, system analysis of existing system, system analysis of new requirement, system development model, computer system design.	7	14

UNIT-III	6	**Development of MIS:** Long range plans of MIS, Development and implementation of MIS.	5	10
	7	**Business Intelligence for MIS:** BI & MIS, tools & techniques of BI, BI Development, BI used, process of generation of BI.	5	10
UNIT-IV	8	**Applications of MIS to e-Business:** Applications in manufacturing sector / Service Sector/DSS & KM /Management of global Enterprise.	5	10
	9	**Comprehensive Cases in MIS.**	5	10
TOTAL			50	100

Text Book:

1. W.S. Jawadekar, "Management Information Systems, Text and Cases: A global Digital Enterprise" Tata McGraw Hill Publishing, 2013.

References Books:

1. V. Rajaraman, "Analysis & Design of Information System," PHI.
2. J. Kanter, "Management/Information Systems", PHI, 1996
3. Gordon B. Davis & M.H. Olson, "Management Information Systems: Conceptual Foundation, structure and Development" 1984.
4. MIS Managerial Perspective (2e) -D.P Goyal ; MacMillan
5. MIS practices in the new millenium-S. Shajahan.