JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
(Established by Govt. of A.P., ACT No.30 of 2008)
ANANTHAPURAMU – 515 002 (A.P) INDIA

MASTER OF BUSINESS ADMINISTRATION
MBA; MBA (General Management); MBA (Business Management)
COMMON COURSE STRUCTURE

Course Code	MANAGEMENT INFORMATION SYSTEMS	L	T	P	C
21E00106		4	0	0	4
	Semester		I		

Course Objectives:
- To provide the basic concepts of data and Management Information System and utility of the MIS for the managerial decisions.
- To Explain Management of Information system, MIS design and implementation process in an organisation.
- To discuss security, ethical and social issues in management of Information system.

Course Outcomes (CO): Student will be able to
- Know Management of Information system scope, application and challenges in managing MIS.
- Understand traditional and modern approaches for data resource management and models.
- Evaluate product based and process based cost and benefit to implement and maintain MIS in an organization.

UNIT - I		Lecture Hrs: 8

MIS An overview- Introduction, Need for MIS and IT nature and scope of MIS, MIS characteristics, Structure of MIS, role of MIS in global business. Challenges of Managing MIS.

UNIT - II		Lecture Hrs: 12

Data resource management- Data base concepts, The traditional approaches, the modern approaches (Data base management approaches) DBMS, Data models, Data ware housing and mining.

UNIT - III		Lecture Hrs:12

Business application of IS- Enterprise systems, ERP, CRM, SCM, DSS, Types of decisions, Decision support techniques, Decision making and Role of MIS, Business intelligence and Knowledge management systems.

UNIT - IV		Lecture Hrs:12

Management of IS- Project planning, SDLC, System development models, Project management, system analysis, system design, Implementation process, Product based MIS evaluation, Cost /Benefit based evaluation, Process based calculation, System maintenance

UNIT - V		Lecture Hrs:12

Security, Ethical &Social Issues : IS security threats, Protecting IS,IS Security Technologies, The disaster recovery plan, IS Ethical Issues, social issues.

Textbooks:
1. MIS –Managerial Perspective, D.P.Goyal,Vikas Publications.
2. Management Information Systems Text & Cases, W S Jawadekar, Tata McGraw-Hill

Reference Books:
1. Management Information Systems, C Laudon and Jane P.Laudon, et al, Pearson Education.
2. MIS, Hossein Bidgoli, Nilanjan Chattopadhyay, Cengage Learning
3. Introduction to Information Systems, Rainer, Turban, Potter, WILEY-India.
4. Management Information Systems, James A. Obrein, Tata McGraw-Hill .
5. Cases in MIS, Mahapartra,PHI.
6. Management Information Systems, Gordon B. Davis & Margrethe H.Olson, Tata McGraw-Hill .

Online Learning Resources:
https://onlinecourses.nptel.ac.in/noc20_mg60/preview
https://nptel.ac.in/courses/110/105/110105148/
https://onlinecourses.swayam2.ac.in/cec21_ge05/preview