

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
MCAE35C	Management Information System	3	--	--	3	--	--	3
		Examination Scheme						
		ISE		MSE		ESE		
		10		30		100 (60% Weightage)		

Pre-requisite Course Codes	---	
Course Outcomes	CO1	Understand theoretical aspects of Management Information Systems
	CO2	Know the procedures and practices for performing information system planning and design.
	CO3	Gain knowledge in various Decision Support Systems
	CO4	Understand the implications of Management Information Systems on business

Module No.	Unit No.	Topics	Ref.	Hrs.
<b>1</b>		<b>Management Information Systems</b>	<b>1,3</b>	<b>8</b>
	1.1	Perspectives on Information Systems, Nature and scope of MIS, Characteristics of MIS, Need and Role of MIS,		
	1.2	Impact of MIS, functions and future of MIS, MIS: A support to the management,		
	1.3	MIS: organization effectiveness, MIS for a digital firm, Case Study		
<b>2</b>		<b>Strategic Design and Development of MIS</b>	<b>1,2</b>	<b>9</b>
	2.1	Strategic Management of the Business, Strategic design of MIS,		
	2.2	Business Strategy Implementation, Development of Long Range Plans of MIS, Ascertaining the class of Information,		
	2.3	Determining the Information Requirement, Development and Implementation of MIS,		
	2.4	MIS: Development Process Model, case study.		
<b>3</b>		<b>Decision Making</b>	<b>2</b>	<b>10</b>
	3.1	Decision making concepts, Decision Analysis by analytical modelling,		
	3.2	Behavioral concepts in decision making, Organizational decision making		
	3.3	MIS and Decision Making, Case Study		
<b>4</b>		<b>Information, knowledge, Business Intelligence</b>	<b>2,4</b>	<b>10</b>
	4.1	Information Concepts, Information :A Quality Product, Classification of the information		
	4.2	Methods of data and information collection, Value of information, General model of a human as a information processor,		

	4.3	Summary of information concepts and their implications, Knowledge and knowledge management systems,		
	4.4	Business Intelligence, MIS , and the Information and Knowledge, Case Study		
<b>5</b>		<b>E-Commerce: Applications and Issues</b>	<b>1,2,4</b>	<b>7</b>
	5.1	Introduction to E-Commerce, Scope of E-commerce,		
	5.2	ECommerce Applications and Issues, case study		
<b>6</b>		<b>Securing Information Systems</b>	<b>1,3,4</b>	<b>8</b>
	6.1	System Vulnerability and Abuse		
	6.2	Business value of security and control		
	6.3	Technology and Tools for protecting Information, Resources, Case study		
			<b>Total</b>	<b>52</b>

**Recommended Books:**

- [1] W.S.Jawdekar ,”Management Information Systems- A digital form perspective”, TMG Publications , 4th edition
- [2] W.S.Jawdekar ,”Management Information Systems- - A global digital Enterprise perspective”, TMG Publications, 5th edition
- [3] James O’Brien ,”Management Information System” , TMH ,7th edition
- [4] Loudon and Loudon ,”Management Information Systems”, Pearson, 11th edition