

**PROGRAM: MMS**

<b>Semester</b>	: <b>II – Elective</b>
<b>Title of the Subject / course</b>	: <b>Management Information System</b>
<b>Course Code</b>	: MMSE 208 (RGCMS)
<b>Credits</b>	: <b>4</b> <b>Duration in Hrs.</b> : <b>40</b>

<b>Learning Objectives</b>	
1	To understand the basic concept data and information , Framework / structure and role of Information and Information Systems for business
2	Determining Information Needs for an individual & Organization for decision making process.
3	To understand the requirement & analysis of MIS across the functions of the Management and Sectors of the industry and business
4	To emphasis the Information System Development Process and Security /Privacy of MIS
<b>Prerequisites if any</b>	
Need & understanding of Management Information System	
<b>Connections with Subjects in the current or Future courses</b>	
Will connect conceptual framework to Determining Information Needs for an Organization/Individual managers for decision making process	

<b>Module</b>			
<b>S.no.</b>	<b>Content</b>	<b>Activity</b>	<b>Course Outcomes</b>
1	Basic Information concepts and definitions Framework and role of Information and Information Systems(IS) in an organization, system concept Characteristics of Information and Organization with respect to organization form, structure , philosophy, hierarchy etc	Lecture	MMSE 208.1
2	Types of Information System (IS)- Transaction Processing System for Operational Control, Management Information System for Management Control, Decision Support System and , Executive Information Systems for Strategic Management, Knowledge Base Information System (Artificial Intelligent/ Expert System)	Lecture & cases	
3	Determining Information Needs for an Organization/Individual Manager, Overview of use of data and	Lecture	MMSE 208.2

	Information , analysis of information, Value of information for decision making and decision making processes etc		
4	MIS across the functions of the Management and Sectors i.e Marketing Information Systems Manufacturing Information Systems Human Resource Information Systems Financial Information Systems Information System Required across the Sectors.	Lecture and cases	MMSE 208.3
5	Strategic roles of IS Use of Information for Customer Bonding and Business Alliance Breaking Business Barriers –Business Processes Reengineering Improving Business Quality – Creating Virtual Company – Using Internet Strategically Building Knowledge and Creating Company – Challenges of Strategic of IS – Enterprise –wide systems and E- Business Applications for business & competitive advantages		MMSE 208.4
6	Managing information systems Enterprise Management Information Resource Management Technology Management IS planning methodologies – Critical Success factors Business Systems Planning – Computer Aided Planning Tools.		MMSE 208.5
7	Information System Development and Security Information System development Process and Models Sensitize students to the need for information security, Concepts such as confidentiality, Integrity and Availability, Types of threats and risk, overview of some of the manual, procedural and automated controls in real life IT environments. Computer Crime –Privacy Issues		MMSE 208.6
8	Case Studies and Presentations		

<b>Course Codes</b>	<b>Course Outcomes Students will be able to...</b>	<b>Cognition</b>
MMSE 208.1	CO1: Understand concepts and types of Information Systems	Understand
MMSE 208.2	CO2: Analyze Information Needs for decision making	Analyze
MMSE 208.3	CO3: Understand concepts of IS across various sectors	Understand
MMSE 208.4	CO4: Analyze strategic roles of IS	Analyze
MMSE 208.5	CO5: Analyze IS Planning	Analyze
MMSE 208.6	CO6: Understand IS security and threats	Understand

<b>Text books</b>	
1.	Management Information System- Managing the Digital Firm , by Laudon and Laudon
2.	Principal of Information System , by Ralph M. Stair and Georg Raynold

<b>Reference books</b>	
1.	O'Brien, James A Management Information Systems, Tata McGraw Hill, New Delhi,
2.	Marvin Gore, Elements of Systems Analysis & Design, ,Galgota Publications.
3.	MIS a Conceptual Framework by Davis and Olson
4.	Analysis and Design of Information Systems by James Senn
5.	Case Studies : Case on ABC Industrial Gases – Author : Prof PradeepPendse
6.	Jessup &Valacich: Information Systems Today (Prentice Hall India)
7.	Management Information Systems – M.Jaiswal&M.Mittal – Oxford Publications.

<b>Assessment</b>	
Internal	40%
Semester end	60%