



# SYLLABUS

<b>Course Title</b>	<b>Computer Based Management System</b>	
<b>Course Code</b>	<b>MCAL009</b>	
<b>Course Credit</b>	Theory(Hrs)	: 4
	Practical(Hrs)	: 0
	Tutorial(Hrs)	: 0
	Credits	: 4
<b>Course Objective</b>		
<p>The objectives of the course are:</p> <ul style="list-style-type: none"> <li>• To emphasize on the application of information to business management.</li> <li>• To understand a conceptual insight on the functions of management</li> <li>• To understand the importance of information</li> <li>• To identify needs of information at different levels</li> <li>• To understand systematic approach for the management of information</li> <li>• To recognize process of development and implementation of MIS to improve the design and use of information systems.</li> </ul>		
<b>Detailed Syllabus</b>		
<b>Sr. No.</b>	<b>Name of chapter &amp; details</b>	<b>Hours Allotted</b>
<b>Section – I</b>		
<b>1</b>	<b>Information and Management</b> Definition of Information, Types of Information, Sources, Values and Control of Information, Implications of Information in Business & MIS Need for Information Systems, Examples of Information Systems, Impact of IT on organizations and society	<b>08</b>

<b>2</b>	<b>Enterprise Resource Planning</b> Introduction to ERP, Features and Characteristics of an ERP, Need of an ERP, Components of ERP, Development process of ERP, Users of ERP	<b>06</b>
<b>3</b>	<b>Basics of MIS</b> Decision-making, Process and Modeling, MIS and Decision-Making, Classification of Information Methods of Data and Information Collection. Model of Human as Information Processor, Knowledge & Knowledge Management Systems, Business Intelligence, System Concept & Control, General Model of MIS, Development Process of MIS, Implementation of MIS	<b>12</b>
<b>Section – II</b>		
<b>2</b>	<b>Financial Management :</b> Defining Finance, Financial Principles, Financial Statements- Balance Sheet, Income statement, profit versus cash flow.	<b>06</b>
<b>4</b>	<b>Material Management (Inventory Management):</b> Introduction, Planning, Budgeting, Inventory Management - Concept, ECONOMIC ORDER QUANTITY, Inventory control system – ( P&Q System ) ABC VED, FSN analysis.	<b>06</b>
<b>5</b>	<b>Customer Relationship Management</b> Introduction to CRM, Features and Characteristics of CRM, Need of CRM, Components of CRM, Development process of CRM, Users of CRM	<b>08</b>
<b>6</b>	<b>Supply &amp; Chain Management</b> Introduction to SCM, Features and Characteristics of SCM, Need of SCM, Components of SCM, Development process of SCM, Users of SCM	<b>06</b>
<b>Instructional Method and Pedagogy:</b>		
<ul style="list-style-type: none"> <li>• Lectures will be conducted on the basis of Classroom Response Systems with the use of multimedia projector and black board.</li> <li>• Assignments based on course contents will be given at the end of each unit/topic and will be evaluated at regular interval.</li> </ul>		

### Course Learning Outcomes:

On the completion of the course, students will be able to:

- **Fully explain** the relationship between information system and management
- **Analyze** how technology can be used to synthesize complex data to make sound business decisions
- **Prepare** processes, in conjunction with technology personnel, to use MIS for competitive advantage
- **Ascertain And Be Cognizant** of the ramifications of management information systems on personal privacy

### Text books:

- Title: Management Information Systems: Managing the Digital Firm, Pearson Education Canada, 2012  
Authors : Kenneth C. Laudon, Jane Price Laudon, Mary Elizabeth Brabston
- Title: " Building the Data WarehoManagement Information Systems: Texts And Cases ", McGraw Hill  
Authors : Jawadekar
- Title: " ERP Demystified", Tata McGraw Hill  
Authors: Leon Alexis

### Reference Books:

- Title: Management Information Systems, Tata McGraw Hill  
Authors: Davis and Olson
- Title: Analysis and Design of Information Systems, , Prentice Hall  
Authors: Rajaraman
- Title: Management Information Systems, Tata McGraw Hill  
Authors : Schulthesis
- Fundamentals of corporate Finance, Tata McGraw Hill  
Authors:Brealey Myers Marcus
- Handbook Of Materials Management, PHI  
Authors: Gopalkrishnan, P.

### Additional Resources

- <http://www.mhhe.com/business/mis/obrien/obrien4e/index.html>
- [http://en.wikipedia.org/wiki/Management\\_information\\_system](http://en.wikipedia.org/wiki/Management_information_system)
- <http://www.pearsonhighered.com/laudon/>