

SYSTEMS (IT)
SEM III

I>Course Content

Semester	:	III-Core		
Title of the Subject / course	:	Enterprise Management Systems (EMS)		
Course Code	:	MMSSC 305(RGCMS)		
Credits	:	4	Duration	: 40

Learning Objectives	
1	To understand the Enterprise Resource Planning (ERP) - Meaning and Concept of ERP, Functional view of business processes and how they are integrated using an ERP, Merits and Demerits of ERP
2	To understand the Enterprise Content Management – Role of content management
3	To understand the applications areas of ERP, in various industry verticals and business
4	To understand Enterprise Portals – Concept of an enterprise portal
5	To understand the Enterprise Application Integration- Challenges in integrating
Prerequisites if any	Basic understanding of operations, framework of Enterprise Resource Planning (ERP)
Connections with Subjects in the current or Future courses	Will connect conceptual framework to the Enterprise Resource Planning (ERP) - Meaning and Concept of ERP, Functional view of business processes and how they are integrated using an ERP, Merits and Demerits of ERP

Module

S No	Content	Activity	Course Outcomes
1	Enterprise Management Systems – the Components – what is an Enterprise and its dynamics – how does it work. What subsystems are required to make it responsive and successful? How does IT play a part? Understanding Business IT.	Lecture and Caselets	MMSSC 302.1
2	Applications areas of an Enterprise viz. ERP, across various industry verticals and businesses such as BFSI, Retail, Telecom, Healthcare, across manufacturing and/or Marketing organizations, Government bodies etc...	Lecture	MMSSC 302.2

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3	Enterprise Content Management – role of content management – New Organization and Startup the challenges and Role of IT and systems Building Cashless and Process oriented organizations	Lecture	MMSSC 302.3
4	Enterprise Portals – Concept of an enterprise portal, benefits to an organization, Technologies available for building such portals.	Lecture Caselets	MMSSC 302.4
5	Enterprise Application Integration- Challenges in integrating various enterprise applications. Modern technologies for application integration.	Lecture and Enterprise cases	MMSSC 302.5
6	Application Areas of ERP in SCM, and CRM, Supply Chain Management(SCM) – Need for Supply chain integration, Application overview of supply chain solution, advanced SCM and ERP integration	Lecture & Cases	MMSSC 302.6
7	Case Studies and Presentations – Case study to cover full enterprise layer with SCM, CRM and ERP combined with E-enabled organisation	Group Discussion and Individual assignments	

II>Course Outcomes

Course Codes	Course Outcomes Students will be able to...	Cognition
MMSSC 303.1	CO1: Understand the role of Enterprise Management Systems in business	Understand
MMSSC 303.2	CO2: Analyze the application areas of ERP across industry verticals	Analyze
MMSSC 303.3	CO3: Understand Enterprise Content Management	Understand
MMSSC 303.4	CO4: Understand Enterprise Portals	Understand
MMSSC 303.5	CO5: Analyze Enterprise application challenges	Analyze
MMSSC 303.6	CO6: Understand ERP, SCM, CRM Integration	Understand

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Text books	
1	Enterprise Resource Planning by Alexis Leon
2	Integrated Business Processes with Enterprise Systems by Simha Magal published by Wiley
3	Enterprise Systems for Management by Luvai Motiwalla and Thompson, published by Pearson
4	Enterprise Resource Planning by Mary Sumner published by Prentice Hall India
5	Enterprise Resource Planning by Makkar

Reference books	
1	Demos/Screen Shots of ERP Software such as SAP, CRM and SCM products
2	ERP Demystified by Alexis Leon
3	Enterprise Resource Planning Systems by Daniel O'Leary
4	ERP Systems by Batra and Srivastava
5	Work-study by ILO