

**Course Title:** Enterprise Systems Management  
**Semester:** I  
**Credit:** 2  
**Duration:** 20 hours

Course Outcomes	Description	Cognition	Hours	Evaluation Tools
CO1	Understand various information systems concepts and e-commerce strategies to improve managerial decision-making.	L2: Understand	2	Internal Quiz, Test End Term-Theory
CO2	Apply various information systems strategies and database concepts to upgrade decision-making practices.	L3: Apply	6	Internal-Practical End Term-Theory
CO3	Apply various e-commerce strategies to achieve innovative digital markets.	L3: Apply	2	Internal-Test, Practical End Term-Theory
CO4	Analyse enterprise systems strategies to gauge their impact on business decisions.	L4: Analyse	3	Internal-Test, Assignment End Term-Theory
CO5	Assess the impact of futuristic and challenging trends in enterprise systems.	L5: Evaluate	3	Internal-Assignment End Term-Theory

### Mapping with CO-PO

Scale 1- low alignment, 2- Moderate alignment, 3 – high alignment, - – No Alignment

COs / Pos	PO 1	PO 2	PO 3	PO 4	PO 5
CO1	3	2	2	2	-
CO2	3	3	3	-	1
CO3	3	3	3	-	1
CO4	3	2	3	3	1
CO5	3	2	3	3	2
<b>CO</b>	<b>3</b>	<b>2.6</b>	<b>3</b>	<b>1.6</b>	<b>1.25</b>

## Session Plan

Sr. No	Hours	Units	COs	Cognition	Evaluation Tools
		<b>Introduction to ESM</b>			
1	2	<ul style="list-style-type: none"> <li>• Introduction to Enterprise Systems Management</li> <li>• Introduction to database concepts</li> <li>• Introduction to e-commerce concepts and strategies</li> </ul>	CO1: Understand various information systems concepts and e-commerce strategies to improve managerial decision-making.	L2: Understand	<u>Internal Quiz, Test</u> <u>End Term-Theory</u>
		<b>ERP Module - 1</b>			
2	3	<ul style="list-style-type: none"> <li>● ERP Modules - An insight into TPS, MIS, DSS, ESS, and their applications</li> <li>● ERP, SCM, KMS, and CRM applications</li> <li>● ERP System Configuration and Integration</li> <li>● ERP implementation challenges</li> <li>● SCM implementation challenges</li> <li>● SCM Types</li> <li>● CRM implementation challenges</li> </ul>	CO2: Apply various information systems strategies and database concepts to upgrade decision-making practices.	L3: Apply	<u>Internal-Practical</u> <u>End Term-Theory</u>
		<b>ERP Module - 2</b>			
3	3	<ul style="list-style-type: none"> <li>• Database Management Systems</li> <li>• Structured Query Language Practical</li> <li>• Business Intelligence</li> <li>• Business Analytics</li> <li>• Big Data Analytics</li> <li>• Difference between Business Intelligence, Business Analytics, and Big Data Analytics</li> </ul>	CO2: Apply various information systems strategies and database concepts to upgrade decision-making practices.	L3: Apply	<u>Internal-Practical</u> <u>End Term-Theory</u>
		<b>ERP Module - 2</b>			

4	3	<ul style="list-style-type: none"> <li>ERP, SCM, and CRM -the best fit for the chosen industry. Employee Table, Product Table, and Supplier Table in MS Access. E-Commerce Strategies as per Changing Business Trends.</li> </ul>	CO3: Apply various e-commerce strategies to achieve innovative digital markets.	L3: Apply	<u>Internal-Test, Practical End Term-Theory</u>
		<b>ERP Module - 1</b>			
5	1	<ul style="list-style-type: none"> <li>ERP, SCM, and CRM Project Design &amp; Planning Process, Success factors of a good ERP, SCM, and CRM. How to leverage ERP, SCM, and CRM systems to enhance and improve better decision-making in organizations.</li> </ul>	CO4: Analyse enterprise systems strategies to gauge their impact on business decisions.	L4: Analyse	<u>Internal-Test, Assignment End Term-Theory</u>
6	1	<ul style="list-style-type: none"> <li>How do DBMS, Business Intelligence, Business Analytics &amp; Big Data Analytics support Decision Making?</li> <li>Structured Query Language Analysis</li> </ul>	CO4: Analyse enterprise systems strategies to gauge their impact on business decisions.	L4: Analyse	<u>Internal-Test, Assignment End Term-Theory</u>
		<b>E-commerce</b>			
7	1	<ul style="list-style-type: none"> <li>E-Commerce</li> <li>Unique features of e-commerce, Assess digital markets, and digital goods strategies.</li> <li>How has e-commerce transformed marketing?</li> </ul>	CO4: Analyse enterprise systems strategies to gauge their impact on business decisions.	L4: Analyse	<u>Internal-Test, Assignment End Term-Theory</u>
		<b>E-commerce</b>			

8	2	<ul style="list-style-type: none"> <li>How has e-commerce transformed marketing?</li> <li>How has e-commerce affected B2B transactions?</li> <li>What is the role of m-commerce in business and what are the most important m-commerce applications?</li> <li>What issues must be addressed when building an e-commerce presence?</li> <li>Types of E-Commerce</li> <li>E-Commerce Payment Systems</li> </ul>	CO 5: Assess the impact of futuristic and challenging trends in enterprise systems.	L5: Evaluate.	<u>Internal-Assignment</u> <u>End Term-</u> <u>Theory</u>
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### Pedagogy

1. Lecture
2. Case Studies
3. Presentation and assignments
4. Projects

### Evaluation

Internal	40%
External	60%
<b>Total</b>	<b>100%</b>

### Parameters of Internal Assessment:

1. Attendance
2. Class Participation
3. Class Test
4. Class Activity
5. Assignments
6. Projects

### Assessment Mapping

Parameter	Marks	CO 1	CO 2	CO 3	CO 4	CO 5
Internal	40	15%	18%	22%	24%	21%
Attendance	10	20%	20%	20%	20%	20%
Class Participation	10	20%	20%	20%	20%	20%
Class Test	10	30%	30%	15%	15%	10%
Class Activity	5	10%	20%	30%	20%	20%
Assignments	5	-	20%	20%	30%	30%
Projects	10	-	-	30%	40%	30%

<b>End Term</b>	<b>60</b>			<b>30%</b>	<b>40%</b>	<b>30%</b>
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#### Textbook:

Book Title	Name of Author	Publisher	Edition No.	Year
Management Information Systems -Managing the digital firm-	Kenneth C. Laudon & Jane P. Laudon	Pearson	16th	2022

#### Reference Books:

Book Title	Name of Author	Publisher	Edition No.	Year
Management Information Systems	James A O'Brien, George M Marakas & Ramesh Behl	Tata McGraw Hill	12th	2018
Enterprise Resource Planning - Demystified	Alexis Leon	Tata McGraw Hill	2nd	2016
Management Information system	James A O'brien	Tata McGraw Hill	5 <sup>th</sup>	2016
Enterprise Resource Planning	Mary Sumner	Pearson		2015
Management Information Systems	Davis and Olson	Tata McGraw Hill	2nd	2017
Management Information Systems	Effy oz	Cengage Learning	6th	2019

#### E-Books:

Book Title	Name of Author	Publisher	Link	Year
MIS			<a href="http://www.uotechnology.edu.iq/depts/mypdf/subjects/4is/4mis.pdf">http://www.uotechnology.edu.iq/depts/mypdf/subjects/4is/4mis.pdf</a>	
MIS			<a href="http://www.academia.edu/5275161/Management_Information_Systems_12th_Edition">http://www.academia.edu/5275161/Management_Information_Systems_12th_Edition</a>	
MIS			<a href="https://drive.google.com/file/d/1Arp1vggiOgxjksUrIScOBIt7b5Q8vvNF/view">https://drive.google.com/file/d/1Arp1vggiOgxjksUrIScOBIt7b5Q8vvNF/view</a>	
Introduction to MIS			<a href="https://drive.google.com/file/d/1DQ48mt_EbzBRRCX_Zyzmtz6SOhdsoagL/view">https://drive.google.com/file/d/1DQ48mt_EbzBRRCX_Zyzmtz6SOhdsoagL/view</a>	
MIS – Basic			<a href="https://drive.google.com/file/d/1xhxT8ReGYpmlfApE8lBXij0cCGH7Ji9F/view">https://drive.google.com/file/d/1xhxT8ReGYpmlfApE8lBXij0cCGH7Ji9F/view</a>	

Concepts				
MIS			<a href="https://www.sigc.edu/departement/mba/studymet/ManagmentInformationSystem.pdf">https://www.sigc.edu/departement/mba/studymet/ManagmentInformationSystem.pdf</a>	
MIS			<a href="http://dinus.ac.id/repository/docs/ajar/Kenneth_C.Laudon,Jane_P_.Laudon_-_Management_Information_Sysrem_13th_Edition_.pdf">http://dinus.ac.id/repository/docs/ajar/Kenneth_C.Laudon,Jane_P_.Laudon_-_Management_Information_Sysrem_13th_Edition_.pdf</a>	
MIS			<a href="http://www.pearsonmiddleeastawe.com/pdfs/SAMPLE-MIS.pdf">http://www.pearsonmiddleeastawe.com/pdfs/SAMPLE-MIS.pdf</a>	
MIS			Managing the digital firm - <a href="http://iefb.weebly.com/uploads/1/4/2/4/14240576/libri_per_msi.pdf">http://iefb.weebly.com/uploads/1/4/2/4/14240576/libri_per_msi.pdf</a>	
ERP - Making it happen			<a href="http://www.labee.ufsc.br/~luis/egcec/livros/ERP/ERP%20-%20Making%20It%20Happen.pdf">http://www.labee.ufsc.br/~luis/egcec/livros/ERP/ERP%20-%20Making%20It%20Happen.pdf</a>	
ERP - Global opportunities and challenges			<a href="http://www.csbd.edu.in/csbd.edu-old/pdf/Enterprise_Resource_Planning.pdf">http://www.csbd.edu.in/csbd.edu-old/pdf/Enterprise_Resource_Planning.pdf</a>	
Thinking about ERP -			<a href="https://www.syspro.com/dl/EB/SYSPRO-Thinking-About-ERP-ALL-EB.pdf">https://www.syspro.com/dl/EB/SYSPRO-Thinking-About-ERP-ALL-EB.pdf</a>	
Open ERP			<a href="http://brochures.sisalp.fr/openerp-book-v6.pdf">http://brochures.sisalp.fr/openerp-book-v6.pdf</a>	
Business Analysis	Steve n P.Bla is		Best Practices for Success	