

SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcce.ac.in • Email : crce@fragnel.edu.in

Department of Computer Engineering (Academic Year :2023-2024)

Course Code: ILO 7013		
Course Name: <i>Management Information System</i>		
Course Teacher: Merly Thomas Puthiyadom		
Course Outcomes (CO): <i>At the End of the course students will be able to</i>		
CSC503.1	<i>Explain how information systems Transform Businesses. (B2 – Comprehension)</i>	
CSC503.2	<i>Outline the role of the ethical, social, and security issues in managing information systems. (B3 – Analysis)</i>	
CSC503.3	<i>Apply the principal tools and technologies for accessing information from data sources to improve business performance and decision making. (B3 – Analysis)</i>	
CSC503.4	<i>Illustrate the impact of social media on businesses, including marketing and customer engagement. (B3 – Analysis)</i>	
CSC503.5	<i>Compare the processes of developing and implementing information systems for any business organization. (B2 – Comprehension)</i>	
Time Table (Theory)	Day	
	Time	
	Wednesday	2.30 – 3.30 pm
	Thursday	2.30 – 3.30 pm
	Friday	1.30 – 2.30 pm



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Course Lesson Plan

Sr. No.	Planned Date	Module	Topics	Actual Date	CO	Remarks	Remark/sign (HOD)
1	12/07	I	Introduction To Information Systems	Lecture	--		
2	13/07		Computer Based Information Systems	Lecture	CO1		
3	18/07		Impact of IT on organizations, Importance of IS to Society	Lecture	CO1		
4	19/07		Organizational Strategy	Lecture	CO1		
5	20/07		Competitive Advantages and IS	Lecture	CO1		
6	26/07	II	Database Approach, Big Data	Lecture	CO3		
7	27/07		Data warehouse and Data Marts, Knowledge Management	Lecture	CO3		
8	28/07		Data warehouse and Data Marts, Knowledge Management	Lecture	CO3	Case Study	Cancelled due to Rain
9	02/08		Business intelligence (BI), Managers and Decision Making	Lecture	CO3		
10	03/08		BI for Data analysis and Presenting Results	Lecture	CO3		
11	04/08	III	Ethical issues and Privacy	Lecture	CO2		



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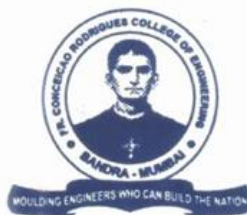
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12	09/08		Information Security, Threat to IS	Lecture	CO2		
13	10/08		Security Controls Assignment-1	Lecture	CO2		
14	11/08	V	Social Computing: Web 2.0	Lecture	CO2		
	15/08		Independence Day				
	16/08		Parsi New Year				
15	17/08		Computer Networks				
16	18/08		Wired and Wireless technology	Lecture	CO2		
17	23/08		Pervasive computing, Cloud computing	Lecture	CO2		QP submission
18	24/08		Pervasive computing, Cloud computing	Lecture	CO2	Case study	
	28/08		Unit Test-1		CO1 CO2 CO3		
	29/08		Unit Test-1, Mid-Term Feedback				
19	01/09		Social Computing: Web 2.0 and 3.0	Lecture	CO4		
20	04/09		SC in business-shopping, Marketing, Operational and Analytic CRM	Lecture	CO4		
21	06/09		E-business and E-commerce – B2B B2C	Lecture	CO4		
22	08/09		Mobile commerce	Lecture	CO4		
23	11/09	VI	Information System within Organization	Lecture	CO4		
24	13/09		Transaction Processing Systems, Functional Area Information System	Lecture	CO4		
27	15/09		ERP and ERP support of Business Process	Lecture	CO4		



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28	18/09		ERP support of Business Process	Lecture	CO4		
	19/09		Shri Ganesh Chaturthi				
29	21/9		Acquiring Information Systems and Applications	Lecture	CO4		
30	23/9		System development life cycle models	Lecture	CO5		
31	25/9		System development life cycle models	Lecture	CO5	Case study	
	28/9		Anant Chaturdashi				
	2/10		Mahatma Gandhi Jayanti				
	9/10		Unit Test-2		CO4 CO5		
	10/10		Unit Test-2				
37	16/10		Assignment,				Synergy
38	17/10		Quiz				Synergy
39	18/10		Assignment-2, Course Exit Survey				
40	20/10		Remedial Session				
			University ESE Examination				

Google Classroom:

<https://classroom.google.com/c/NjE3MTkxMzM3MDE0?cjc=4pyzww6>

[All teaching materials will be uploaded here]



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Teaching Resources:

REFERENCES:

1. Kelly Rainer, Brad Prince, Management Information Systems, Wiley
2. K.C. Laudon and J.P. Laudon, Management Information Systems: Managing the Digital Firm, 10th Ed., Prentice Hall, 2007.
3. D. Boddy, A. Boonstra, Managing Information Systems: Strategy and Organization, Prentice Hall, 2008

Assessments:

- Internal Assessment for 20 marks: Consisting Two Compulsory Class Tests First test based on approximately 40% of contents and second test based on remaining contents (approximately 40% but excluding contents covered in Test I)
- End Semester Examination: Weightage of each module in end semester examination will be proportional to number of respective lecture hours mentioned in the curriculum. [**Conducted and Assessed by the University**]
 1. Question paper will comprise of total six questions, each carrying 20 marks
 2. Question 1 will be compulsory and should cover maximum contents of the curriculum
 3. Remaining questions will be mixed in nature - (for example if Q.2 has part (a) from module 3 then part (b) will be from any module other than module 3)
 4. Only Four questions need to be solved.

Useful Links:

1. <https://www.mbaknol.com/management-information-systems/case-study-on-mis-information-system-in-restaurant/>
2. <https://core.ac.uk/download/pdf/217233018.pdf> [social media for business]
3. https://www.academia.edu/34174509/Management_Information_System_Case_Study_of_Amazon_Com
4. <https://www.netsuite.com/portal/resource/articles/erp/erp-implementation-case-study.shtml>
5. <https://commons.erau.edu/cgi/viewcontent.cgi?article=1635&context=publication> [knowledge Management]
6. https://www.academia.edu/34367847/Management_Information_system_Company_Google [knowledge Management]
7. <https://www.investopedia.com/terms/p/porter.asp> [Porter's Five forces model]
8. <https://www2.bartleby.com/essay/Transaction-Processing-System-Case-Study-FJQAJR4R>
9. <https://www.netsuite.com/portal/resource/articles/business-strategy/business-intelligence-examples.shtml>