



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
ILE912	Management Information System(MIS)	3	--	--	3	--	--	3
		Examination Scheme						
		ISE		MSE		ESE		
		10		30		100 (60% Weightage)		

Pre-requisite Course Codes		
At the end of successful completion of the course, students will be able to		
Course Outcomes	CO1	Identify key factors of the business problem. Clearly define a business problem using key facts
	CO2	Critically analyze defined business problem using widely used analytical techniques and models
	CO3	Propose potential alternative solution, evaluate them and recommend an appropriate solution
	CO4	Identify Information Requirements from external Systems in order to integrate different aspects of business
	CO5	Apply MIS concepts in e-Business.
	CO6	Explain ethical, social and security issues in MIS

Module No.	Unit No.	Topics	Ref.	Hrs.
1	1.1	Introduction: Level of management activities, Types of MIS	1	6
	1.2	Role of MIS in global business	1,4	
	1.3	Strategic information System, Porter's value-chain Model	1	
2	2.1	Information system planning: Creating an IS plan	2	8
	2.2	IS growth model-Nolan six stage model,	2	
	2.3	Three stages of planning process	2	
3	3.1	Decision Support System: Simon's model of Decision Making	1,2	8
	3.2	Methods for Decision Making, Decision support techniques	1,2	
	3.3	Components of DSS, BI and Knowledge management system	1	
4	4.1	Enterprise systems: Enterprise Resource Planning (ERP) systems	5	8
	4.2	Customer Relationship Management (CRM)	5	
	4.3	Supply Chain Management System (SCM)	5	
5	5.1	E-Business Systems	3	8
	5.2	E-commerce: Digital Markets, Digital Goods	6,4	
	5.3	E-Governance- objectives and delivery models	1	
6	6.1	Ethical and Social Issues in Information Systems	4	4
	6.2	Securing Information Systems	4	
Total				42



Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

References:

- [1] D.P. Goyal, "Management Information Systems- Managerial Perspectives", Vikas publishing House, 4th Edition
- [2] Gordon B Davis & Margethe H Olson "Management Information Systems", TMH
- [3] James O'Brien, George M. Marakas, Ramesh Behl, "Management Information Systems", McGraw Hill Education, 10th Edition, , 2013.
- [4] Kenneth C. Laudon and Jane P. Laudon, "Management Information Systems". Pearson India, 14th edition, 2016
- [5] Waman Jawadekar, "Management Information Systems", 4th Edition, Tata McGraw-Hill Publishing Company Limited.
- [6] P.T. Joseph, S.J., "E-Commerce: An Indian Perspective", 2nd Edition, Prentice Hall of India