Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India
(Autonomous Institute Affiliated to University of Mumbai)

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
ITL8041	**Enterprise Resource Planning Lab**	--	--	2	--	--	1	1
		Examination Scheme						
		ISE		ESE			Total	
				Practical		Oral		
		40		-		20		60

Pre-requisite Course Codes	ITC8041 (Enterprise Resource Planning)	
After successful completion of the course, student will be able to:		
Course Outcomes	CO1	Relate with ERP related technologies
	CO2	Examine ERP development concepts and it's key modules
	CO3	Analyze the ERP implementation life cycle and the importance of its process in E-business
	CO4	Compare ERP tools and its business benefits.

Exp. No.	Experiment Description	Ref.	Marks
1	Select an ERP tool and review on it. Understand current system in use and do feasibility study to convert it in to ERP	1, 2	5
2	To design Business Process Models for Finance, HR, Purchases, manufacturing, Sales and distribution etc. Using DFD/UML diagrams. Business process modules should be prepared.		5
3	Suitable ERP S W should be selected based on needs of Enterprise. Pre Evaluation Screening Package Evaluation Project Planning Phase Discussion based on various implementation strategies and pros and cons of each strategy.	1, 2	5
4	Selection of Business organization for ERP Implementation. Enterprise can small, medium scale related production/retail/service/BPO or consultancy.	1, 2	5
5	Study of ERP Implemented Business Organization interference to ERP Implementation Life cycle	1, 2	5
6	Reporting tools for ERP	1,2	5
7	Design and Testing of unit modules and Integration of modules with realistic data	1, 2	5
8	Customization of an ERP tool for an organization	1, 2	5
	Total marks		40

References:

1. Annetta Clewwto and Dane Franklin, Jose Antonio,"*Guide to Planning ERP Application*", McGRaw-Hill, 1997.
2. JoseAntonio,"*TheSAPR/3Handbook*"McGraw–Hill
3. Dr.Ravi Kalakota," *E-Business Network Resource planning using SAPR/3Baan and People soft:A Practical Road map For Success* ".