



# 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	
CPEL7026	Elective-II Enterprise Resource Planning and Supply Chain Management Lab(ERP & SCM)	--	--	2	--	--	1	1	
		Examination Scheme							Total
		ISE		ESE		Total			
		40	-	20	60				

<b>Pre-requisite Course Codes</b>	CPE7026(Enterprise Resource Planning and Supply Chain Management)		
At end of successful completion of this course, student will be able to			
<b>Course Outcomes</b>	CO1	To understand the technical aspects of ERP and SCM systems.	
	CO2	Identify the factors that lead to the development and implementation of ERP systems.	
	CO3	Create process model that assist with process improvement and ERP implementation.	
	CO4	Discuss the advantages and disadvantages of implementing ERP system.	

Exp. No.	Experiment Details	Ref.	Marks
1	Simulating business processes of an Enterprise.	1-6	5
2	Designing a web portal for an Enterprise using E-business Models.	1-6	5
3	Implementing Business Intelligence.	1-6	5
4	Study of Open source ERP.	1-6	5
5	Study of Cloud ERP.	1-6	5
6	To study Business process agility.	1-6	5
7	To implement E-procurement model.	1-6	5
8	Design of SCM model.	1-6	5
<b>Total Marks</b>			<b>40</b>

## References:

- [1] Sandeep Desai, Abhishek Srivastava, "ERP to E<sup>2</sup> ERP: A Case study approach", PHI.
- [2] David Olson, "Managerial Issues of ERP system", McGraw Hill.
- [3] V.K. Garg & N.K. Venkatakrishnan, "Enterprise Resource Planning : concepts & practices", PHI.
- [4] R. P. Mohanty, S. G. Deshmukh,, "Supply Chain Management Theories & Practices", Dreamtech Press.
- [5] Alexis Leon, "ERP Demystified: II Edition", McGraw Hill .
- [6] Rahul Altekar, "Enterprise wide resource planning: Theory & practice",PHI.