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
ITL801	Storage Network Management and Retrieval lab	--	--	2	--	--	1	1
		Examination Scheme						
		ISE		ESE			Total	
				Practical		Oral		
		40		-		20	60	

Pre-requisite Course Codes	---	
After successful completion of the course, student will be able to:		
	CO1	Implement Storage Provisioning using Logical Volume Number
	CO2	Implement Storage Area Network using Sim SAN and Samba Server
	CO3	Summarize the concept of Storage Network Backup and Recovery
	CO4	Implement Information retrieval.

Exp. No.	Experiment Details	Ref.	Marks
1	Implementation of Logical Volume Number	1,2	5
2	Implementation of software RAID	1,2	5
3	Implementation of SAN on Samba Server	1,2	5
4	Installation of SimSAN tool and Lauch SimSAN agent, Engine and the Console.	1,2	5
5	Implementing SAN on SimSAN.	1,2	5
6	To Design data centre for an organisation	1,2	5
7	Case Study on Storage Network Backup and Recovery		5
8	Information retrieval using apache solr tool.	1,2	5
	Total Marks		40

References:
1. ULF Troppen, Rainer Erkens and Wolfgang Muller , " *Storage Networks Explained: Basic and Applications of Fibre Channel SAN, NAS and ISCSI and Infifniband* " , Wiley
2. EMC Educational Services, *"Information Storage and Management",* wiley India