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
EXL704	Computer Communication Networks Laboratory	--	--	2	--	--	1	1
		Examination Scheme						
		ISE		ESE			Total	
				Practical		Oral		
		40		--		20	60	

Pre-requisite Course Codes	EXC704 (Computer Communication Networks)

After successful completion of the course, student will be able to		
Course Outcomes	CO1	Identify the scope of various networking commands in real time scenario
	CO2	Create socket programming for linux with a server and client
	CO3	Compose program to get logical results related to data link layer protocols
	CO4	Adapt open source packet analyzers for communication networks
	CO5	Implement secure client server environment

Exp. No.	Experiment Details	Ref.	Marks
1	Get acquainted with some commonly used networking commands	1	5
2	FTP Server Configuration	1	5
3	Web Server Configuration	1	5
4	Firewall Configuration	1	5
5	Simulate a network using Packet Tracer	2	5
6	Design Ethernet using opnet software	3	5
7	Design Token Ring using opnet software	3	5
8	Design Switched Lan using opnet software	3	5
	Total Marks		40

References:

[1] CCN Lab manual
[2] Packet Tracer software
[3] Opnet software and manual