Devang Patel Institute of Advance Technology and Research

Semester:3rd (CSE) Academic Year: June 2019 - Dec 2019 Subject Name: Data Communication and Networking

Subject Code: CE253

Index

Inuex			
Sr. No	Practical Aim	Date	Sign
1.	Configuration, Management and Administration of various networking and Internetworking Devices. • NIC • Gateway • Repeater • Switch • Bridge • Router • Cables	24/06/19	
2.	Illustration of various networking commands:	01/07/19	
3.	To implement straight through and cross over cable using cat 5 cable and RJ-45 connector.	08/07/19	
4.	Understand basic networking concept using Wireshark.	15/07/19	
5.	Analyzing packet captured using CHARUSAT intranet using Wireshark. Use of different Wireshark Display Filters.	22/07/19	
6.	Capture ARP & ICMP Protocol Traffic using Wireshark.	29/07/19	_
7.	Understand basic networking concept using Packet Tracer.	05/08/19	
8.	Configuration of different topologies in Cisco Packet Tracer to understand decision taken at each 4 layers of TCP/IP protocol stack.	19/08/19	
9.	To demonstrate CHARUSAT campus network setup.	26/08/19	
10.	Configure DHCP, DNS and HTTP Servers using Cisco packet tracer.	02/09/19	
11.	Write a program to find the Checksum and Cyclic Redundancy Check of two binary strings.	16/09/19	
12.	Demonstrate Network Simulator.	23/09/19	