	G H Patel College of Engineering and Technology Department of Computer Science and Design (13)	

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Sr. No	Name of the Experiment	Page No.	Date	Marks	Signature
1	Introduction to CISCO Packet Tracer software and A basic LAN setup in Cisco Packet Tracer (Direct Connection Between Computers using hub, switch, router)				
2	Implement different LAN topologies using Cisco Packet Tracer				
3	Study of various networking commands in Windows				
4	Write a program. 1. To identify the class of given IP addresses in dotted decimal notation. 2. To Find First address, Last address, and No. of address of given IP address in dotted decimal notation.				
5	Implementation of Checksum and Cyclic Redundancy Check.				
6	Introduction to Default & Static Routing and Configuring the same in CISCO packet tracer.				
7	Introduction to Dynamic Routing and configuring RIP and OSPF in CISCO packet tracer.				
8	Configure DHCP and DNS Server in CISCO packet tracer.				
9	Configure Web Server and FTP Server in CISCO packet tracer				
10	Examine Network Address Translation (NAT) in CISCO packet tracer.				
11	Introduction to packet capturing using Wireshark.				

G H Patel College of Engineering and Technology
Department of Computer Engineering (04)

A.Y. 2023-24 (EVEN), SEMESTER 4
SUBJECT CODE: 202044506

SUBJECT NAME: DATA COMMUNICATION AND NETWORKING (DCN)

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