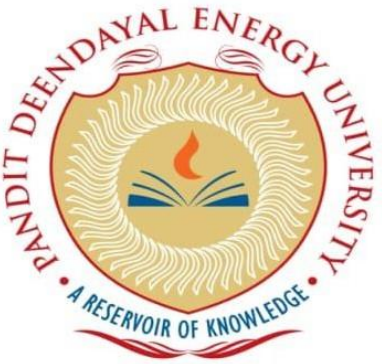
PANDIT DEENDAYAL ENERGY UNIVERSITY

SCHOOL OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



LAB MANUAL

Computer Networks Lab

(20CP301P)

B. TECH - SEMESTER V

NAME : Shah Karan Nirav

ROLL NO: 21BCP377

BATCH : G11, Div-6

SIGN: _____

INDEX

Sr No	Experiment	Date of submission	Marks obtained	Sign
1	Simulation of Various Networking Topologies	03/08/2023		
2	Simulation of Virtual Local Area Network	10/08/2023		
3	Simulation of Spanning Tree Protocol (STP)	24/08/2023		
4	Simulation of Routing Information Protocol (RIP)	14/09/2023		
5	Simulation of Static Routing in Cisco Packet Tracer	21/09/2023		
6	Simulation of Open Shortest Path First (OSPF)	05/10/2023		
7	Introduction to Socket Programming- Design and Implement client-server elements of a few network applications e.g. Echo client and server, Time client and server, Online Quiz and Buzzer Application, etc.	12/10/2023		
8	Write a program for interactive application using UDP socket.	19/10/2023		
9	Configure DHCP and SMTP in a small LAN	26/10/2023		
10	Study of Wireshark and understand its functionality	02/11/2023		