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Sr. No.	Practical	Page No.	Date of Performance	Date of Submission	Marks	Sign
1.	Study of network devices such as switches, routers, hubs, access points, and firewalls using cisco packet tracer.					
2.	Study and design of various network topologies using cisco packet tracer.					
3.	Study of HUB and switch behavior using cisco Packet Tracer.					
4.	Study and Configuration of Virtual LAN (VLAN) using Cisco Packet Tracer.					
5.	Study and Design of Wireless LAN (WLAN) using Cisco Packet Tracer.					
6.	Design three or four simple networks (with 3 to 4 hosts) and connect via Router. Perform simulation and trace how routing is done in packet transmission. A: Experiment on the same subnet. B: Experiment across the subnet and observe the functioning of Router.					
7.	Study and implement routing protocols at the network layer in cisco packet tracer.					
8.	Study and configure Virtual Private Network (VPN) in cisco packet tracer.					
9.	Study experiment on transport layer using cisco packet tracer.					
10.	Packet Capture and Analysis Using Wireshark A: Network Traffic Monitoring - Inspect packet headers, and analyze data flow within a network. B: Capturing and Examining Protocol Headers- Analyze TCP/IP packet structures to identify traffic patterns and detect potential security threats.					