

Sr. No.	Title of Lab Experiments
1.	Introduction to Computer Network Laboratory
2.	Introduction to discrete event simulation and installation of Network Simulator 3
3.	Design and implement topology of two nodes (Node1, Node2) separated by a point-to-point link specifying bandwidth & delay. Deploy UDP Echo application for transferring 5 packets at an interval of 1 sec.
4.	To Design and Implement LAN Using Switch/Hub/Router As Interconnecting Devices For Two Different LANs and To Evaluate Network Performance Parameters. Design a topology of P2P (2 node) and CSMA channel (4 nodes) specifying bandwidth 5Mbps and 100Mbps respectively. Study IP addresses assignment mechanism and pcap file generation process.
5.	Create a topology to show UDP Transfer by Setting up UdpClient and a UdpServer on Nodes.
6.	Simulate the performance of wireless networks. Introduction and implementation of wifi channel in a network using NS3 simulations.
7.	To Design and Implement LAN With Various Topologies and To Evaluate Network Performance. Write NS3 simulation program to show the use of topology helpers for creating a network.
8.	Write NS3 simulation program to implement Adhoc Network.