



UNIVERSITY INSTITUTE OF ENGINEERING

Subject Name – Computer Networks

Subject Code – 21CSH-256

Department of Computer Science & Engineering

Submitted To:

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**Submitted
By:**

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Exp. No	List of Experiments	Conduct	Viva	Record	Total	Remarks
		12	10	8	30	
1.1	Study of different types of Network cables and practically implement the cross-wired cable and straight through cable using clamping tool.					
1.2	Study the basic network command and network configuration commands like ping, variations of ipconfig, tracert, nslookup, netstat, arp, rarp, hostname, pathping etc.					
1.3	Configure and understand working of network devices Hub, Switch, Routers.					
2.1	Implement different network topologies like Star and Bus Topology with the help of packet tracer or NS2 software.					
2.2	Implement Mesh Topology with the help of packet tracer or NS2 software.					
2.3	Configure a network using Distance Vector routing Protocol using Packet Tracer or NS2.					
2.4	Configure a network using Link State Routing Protocol using Packet Tracer or NS2.					

3.1	Sharing of resources with two connected nodes. Understanding FTP.				
3.2	Configure DHCP server using Packet Tracer.				
3.3	Configuration of TCP/IP Protocols.				