

**Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering**

Assignment List for Computer Networks Lab

Department: Computer Engg. **Academic Year:** 2022 - 2023 **SEM : II** **Year & Div. :** SY-A, E **Sub. :** Computer Networks Lab

Sr. No.	Assignment	A1	A2	A3	A4	E3	E4
1.	Study of college network and its functioning in detail.	29/3/2023	20/3/2023	04/4/2023	29/3/2023	20/3/2023	04/4/2023
2.	Setup a wired LAN using minimum three computers, Switch and cables.	29/3/2023	20/3/2023	04/4/2023	29/3/2023	20/3/2023	04/4/2023
3.	Write a program for error detection for 7/8 bits using CRC.	12/4/2023	10/4/2023	18/4/2023	12/4/2023	10/4/2023	18/4/2023
4.	Write a program to simulate Go back N and Selective Repeat Modes of Sliding Window Protocol.	12/4/2023	10/4/2023	18/4/2023	12/4/2023	10/4/2023	18/4/2023
5.	Write a program to demonstrate subnetting and find first and last address.	26/4/2023	24/4/2023	16/5/2023	10/5/2023	24/4/2023	16/5/2023
6.	Write a program using TCP sockets for wired network to implement Peer to Peer Chat .	26/4/2023	24/4/2023	16/5/2023	10/5/2023	24/4/2023	16/5/2023
7.	Write a program to analyze various packet formats captured through Wireshark for wired network.	17/5/2023	22/5/2023	22/5/2023	17/5/2023	16/5/2023	18/5/2023
8.	Configure RIP/OSPF/BGP using CISCO packet Tracer.	17/5/2023	22/5/2023	22/5/2023	17/5/2023	16/5/2023	18/5/2023
9.	Write a program for DNS lookup. Given an IP address input, it should return URL and vice-versa.	20/5/2023	27/5/2023	27/5/2023	27/5/2023	18/5/2023	24/5/2023
10.	Write a program for Dijakstra algorithm to implement Link State Routing.	30/5/2023	30/5/2023	30/5/2023	30/5/2023	25/5/2023	25/5/2023