

# COMPUTER NETWORKS LAB SYLLABUS

1. Study of Basic Network Commands, Demo session of all networking hardware and Functionalities
2. Error detection and correction mechanisms
3. Flow control mechanisms
4. IP addressing Classless addressing
5. Observing Packets across the network and Performance Analysis of Routing protocols
6. Socket programming(TCP and UDP) - Some challenging experiments can be given on Socket programming
7. Simulation of unicast routing protocols
8. Simulation of Transport layer Protocols and analysis of congestion control techniques in network
9. Develop a DNS client server to resolve the given host name or IP address

PAJAMA PADHAI