

PRACTICAL / EXPERIMENT LIST

Name of Faculty: Prof Ansari Mukhtar
2016-17 Department: CO
Class: TE

Academic Year:
Subject: CN
Semester: V

EXPERIMENT-1.a : Study of following Network Types.

• PAN • LAN • MAN • WAN

EXPERIMENT-1.b : Study of different types of Network cables and Practically implement the cross-wired cable using clamping tool.

EXPERIMENT-2.a : Study of following Network Topologies.

• Bus • Ring • Star • Mesh • Tree • Hybrid

EXPERIMENT-2.b : Study of following Network Devices in Detail

• Repeater • Hub • Switch • Bridge • Router • Gate Way

EXPERIMENT-3 : Installation & Configuration of NS2 in Linux environment and building basic LAN topology in NS2.

EXPERIMENT-4: Building Dynamic Routing topology and Wireless topologies using NS2.

EXPERIMENT-5: Write a program to find out class of a given IP address, subnet mask & first & last IP address of that block.

EXPERIMENT-6: Write a program to build client-server model on different computers.

EXPERIMENT-7: Write a program for Congestion Control using :

- Stop & Wait protocol.
- Sliding Window protocol.

EXPERIMENT-8: a. Write a program for Error Detection using CRC.

b. Write a program for Error Correction using Hamming Code.

EXPERIMENT-9: Study of Network Monitoring Tool: Wireshark.

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Subject Incharge

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