SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY (S.V.I.T.), VASAD
Information Technology Department
Computer Networks (2140709)

Beyond The Syllabus

Practical 11: Study of Network Simulator.

Assignment-1

1. Explain Advantages and Usage of Computer Network.
2. Explain the Term Internet in details.
3. Explain OSI reference model with diagram.
4. List difference between OSI and TCP/IP model.

Assignment-2

1. Describe the built in HTTP request methods.
2. Explain DNS in detail with example and its advantages.
3. Explain the working principle of UDP.
4. Explain the working principle of TCP.

Assignment-3

1. Explain ARP, RARP, BOOTP and DHCP.
2. Compare Link State and Distance Vector Routing.
3. Explain Broadcast and Multicast Routing.
4. Explain Error detection and correction Techniques at Data link layer.