



# VIT



## UNIVERSITY

(Estd. u/s 3 of UGC Act 1956)

Vellore - 632 014, Tamil Nadu, India

### **SCHOOL OF COMPUTING SCIENCE& ENGINEERING**

#### **B.Tech (Computer Science and Engineering) – V Semester**

#### **CSE304 - Computer Networks Laboratory**

#### **Cycle Sheet I**

**Date of Submission: 14/09/2012**

1. Study and Test the functionality of basic networking commands
2. Write C programs to perform the following:
  - a. Display all the IP addresses and the alias Host name of “www.yahoo.com”.
  - b. Display the name of the host whose IP address is “192.168.0.15”.
3. Write a C program to
  - a) Display the port number associated with a network service and protocol.
  - b) Display the network service associated with a port and protocol.
4. Implement the simple version of “nslookup” utility in C.
5. Write a program to display the client’s address at the server end. Let the Server be an Iterative Server.
6. Write a program to display the server’s date and time details at the client end.
7. Write a C program to perform a simple Message transfer between the Client to Server using TCP Application.
8. Write a C program to perform a File Transfer between the Server to Client using TCP Application.
9. Write a program to develop a simple Chat UDP application.
10. Write a program to implement a Discard UDP server.

