

2/3 MCA First Semester

CA3L1

COMPUTER NETWORKS LAB

Credits : 2

Lab Hours : 4 periods / week

Internal assessment : 25 Marks

Semester and Examination: 50 Marks

1. Identifying well known ports on a Remote System
2. One-One Chat: By opening socket connection and displaying what is written by one party to the other.
3. Many-Many Chat(Broad cast): Each client opens a socket connection to the chat server and writes to the socket.
4. Data retrieval from a Remote database: At the remote database a server listens for client connections
5. Provide a user interface to contact well-known ports, so that client-server interaction can be seen by the user.
6. Simple file transfer between two systems : By opening socket connection to our server on one system and sending a file from one system to another.
7. Trivial file transfer protocol to develop a TFTP System for file transfer
8. HTTP-Server ; Develop a HTTP server
9. SMTP Client : Gives the server name, send e-mail to the recipient using SMTP Commands
10. POP Client : Gives the server name , user name and password retrieve the mails and allow manipulation of mail box using POP commands