

SSN COLLEGE OF ENGINEERING (Autonomous)
(Affiliated to Anna University, Chennai)
DEPARTMENT OF CSE

UCS 1511 NETWORK LABORATORY

A3: Multi user Chat & File Transfer in C

Faculty In-charge: Dr.S.V.Jansi Rani, Associate Professor / CSE

Batch: 2018-2022 Year: III Sem: V Sec: A

Learning Outcome :

To be proficient in handle multiple clients and file transfer using socket programming in C

To learn modular and incremental programming.

Write the code using socket programming in C

1. Develop an application for chat using client server programming between two users.
2. Update the program to engage multi user chat using `fd_set()` and `select()` functions of C.
3. Modify the program to send file transfer over socket programming. When a participant asks for a file, the other user should be able to send that file.