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

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**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.