

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

UCS 1511 NETWORK LABORATORY

A4: Simulation of Address Resolution Protocol 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 Address Resolution Protocol (ARP) functionality and simulate it using socket programming in C

To learn modular and incremental programming.

Write the code using socket programming in C

1. Develop an application to send a structure having ARP packet information using client server programming to one client.
2. Then broadcast this packet to multiple clients
3. Send ARP reply message to server by the client whose IP address matches.

Note: Strictly follow ARP packet format

