8. Implement and simulate algorithm for Distance Vector Routing protocol or Link State Routing protocol.*
9. Implement Simple Mail Transfer Protocol.
10. Implement File Transfer Protocol.*
11. Implement congestion control using a leaky bucket algorithm.*
12. Understanding the Wireshark tool.*
13. Study of NS2 simulator*

## Course Outcomes

| CO# | Course Outcomes |
|---|---|
| **CO1** | Use network related commands and configuration files in Linux Operating System. **(Cognitive Knowledge Level: Understand).** |
| **CO2** | Develop network application programs and protocols. **(Cognitive Knowledge Level: Apply)** |
| **CO3** | Analyze network traffic using network monitoring tools. **(Cognitive Knowledge Level: Apply)** |
| **CO4** | Design and set up a network and configure different network protocols. **(Cognitive Knowledge Level: Apply)** |
| **CO5** | Develop simulation of fundamental network concepts using a network simulator. **(Cognitive Knowledge Level: Apply)** |