

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)