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GOKUL R

4TH SEM

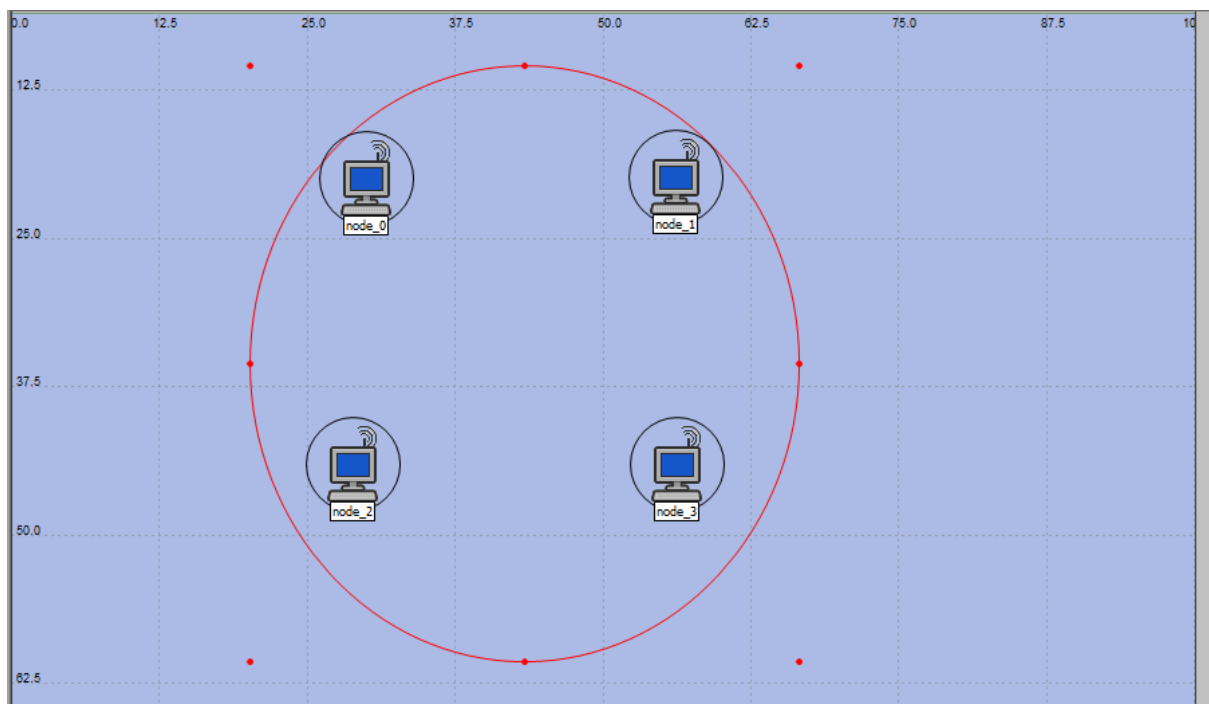
CSE[AI&ML]

EXPERIMENT 8

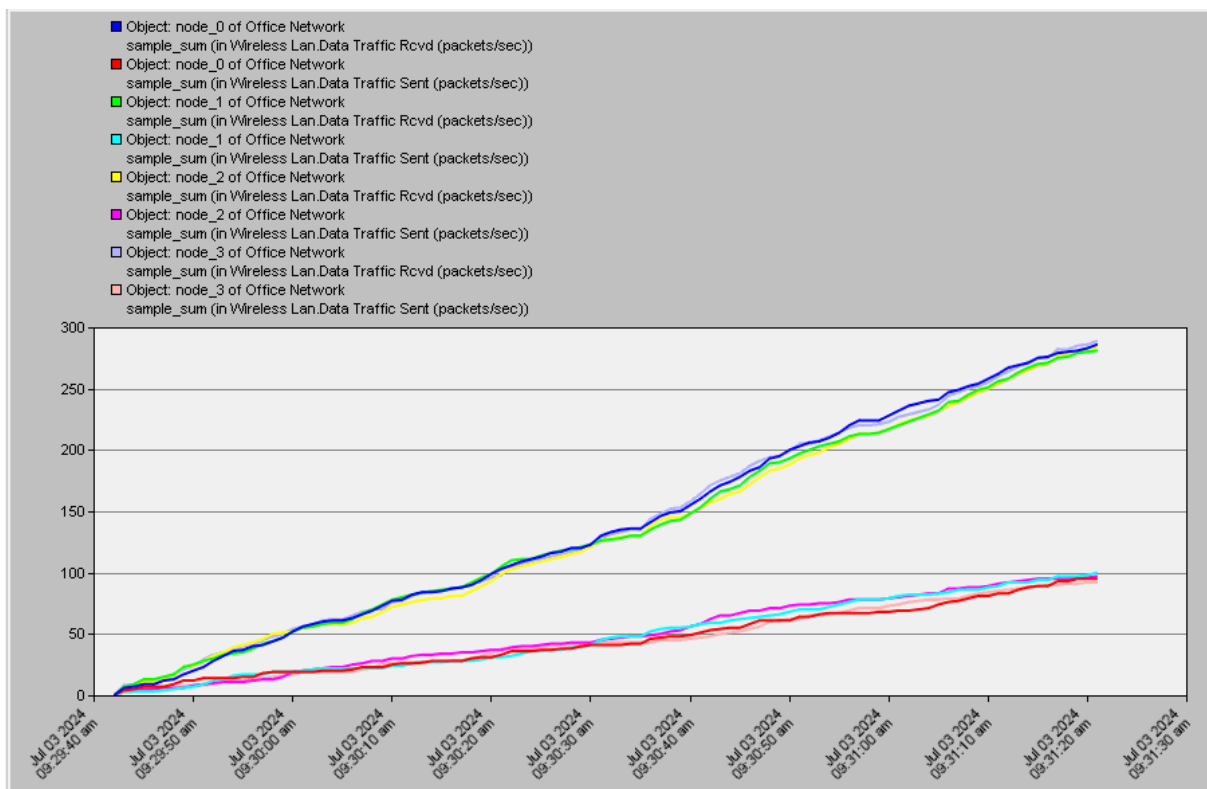
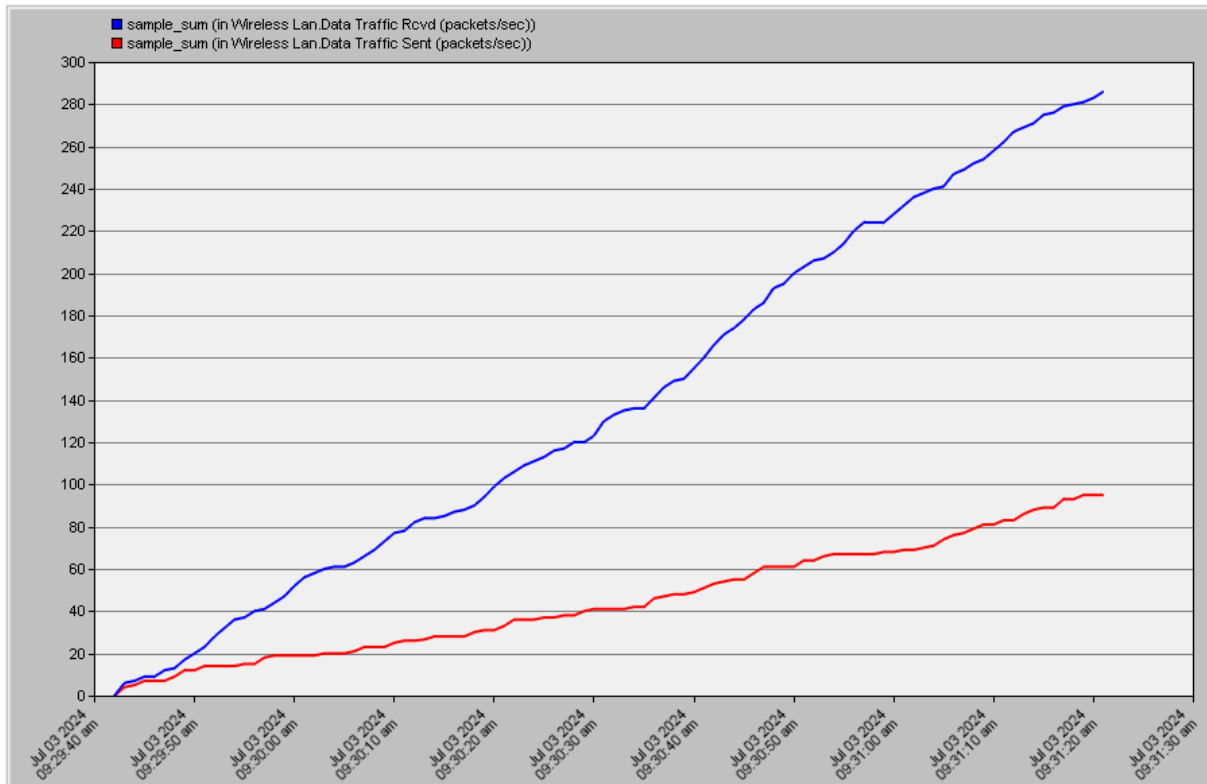
AIM : SIMULATE SIMPLE BSS WITH TRANSMITTING NODES IN WIRELESS LAN BY SIMULATION AND DETERMINE PERFORMANCE WITH RESPECT TO TRANSMISSION OF PACKETS

Simulating a Basic Service Set (BSS) with transmitting nodes in a wireless LAN involves setting up a scenario where multiple wireless devices (nodes) communicate within a confined area using a shared wireless medium. Here's an analysis and interpretation of such an experiment:

NETWORK DESIGN :



GRAPHS :



Interpretation

By the output, we can say that the graph with higher peak is the one showing packets received, the lower one shows packets sent. As per one packet is sent and in return 3 packets are received by master.

Conclusion

By conducting and analyzing this experiment, you can gain insights into the performance characteristics of a wireless LAN under controlled conditions. This understanding is crucial for optimizing network configurations, selecting appropriate communication protocols, and troubleshooting issues related to throughput, latency, and packet loss in real-world deployments.