

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Lab : **NETWORKS LABORATORY**

### OBJECTIVES:

- To learn and use network commands.
- To learn socket programming.
- To implement and analyze various network protocols.
- To learn and use simulation tools.
- To use simulation tools to analyze the performance of various network protocols.

### OUTCOMES:

Upon completion of this course, the students will be able to:

- Implement various protocols using TCP and UDP.
- Compare the performance of different transport layer protocols.
- Use simulation tools to analyze the performance of various network protocols.
- Analyze various routing algorithms.
- Implement error correction codes

Estd - 2001