SEMESTER V

EC1509   COMMUNICATION NETWORKS LABORATORY

LIST OF EXPERIMENTS

1. Implementation of Error Detection / Error Correction Techniques
2. Implementation of Stop and Wait Protocol and sliding window
3. Implementation and study of Goback-N and selective repeat protocols
4. Implementation of High Level Data Link Control
5. Implementation of IP Commands such as ping, Traceroute, nslookup.
6. Implementation of IP address configuration.
7. To create scenario and study the performance of network with CSMA / CA protocol and compare with CSMA/CD protocols.
8. Implementation of distance vector routing algorithm
9. Implementation of Link state routing algorithm
10. Implementation of Encryption and Decryption Algorithms using any programming language

LIST OF EQUIPMENT

Sl. No.	Description of Equipment
1.	C / Python / Java / Equivalent Compiler
2.	MATLAB SOFTWARE
3.	NS2/ NS3 / Glomosim/OPNET
4.	PERSONAL COMPUTERS
5	LABVIEW SOFTWARE