SUBJECT CODE	SUBJECT TITLE	CORE/ ELECTIVE	CREDITS			
			L	T	P	C
CSE 303 L (ES)	Computer Networks Lab	C	0	0	2	1

List of Practical Experiments:

1 Explain about wireshark and display how to send packets or packets from one layer to another.

2 Write a Java program to implement Error Detection Technique using CRC Algorithm.

3 Write a Java program to implement Error Correction Technique using Hamming code.

4 Write a Java program to implement TCP Client Server programming.

5 Write a Java program to implement UDP Client Server Programming.

6 Write a Java program to implement 1-bit Stop and Wait Protocol at data link layer.

7 Write a Java program to implement N-bit Sliding Window Protocol at data link layer

8 Write a Java program to implement Dijkstra Shortest path routing protocol.

9 Write a Java program to implement Distance Vector Routing.

10 Write a Java program to implement echo command in client server socket programming

11 Write a Java program to implement Trace-route command

12 Write a Java program to implement Ping command

13 Write a Java program to display the class of IP address, network mask and generate the subnet IP address based on the subnet bits entered from the keyboard

14 Write a Java program to implement sliding window protocol at the transport layer

15 Write a Java program to transfer file using TCP ?