



### List Of Experiments

Academic year :**2021-22**

**SUBJECT: DISTRIBUTED COMPUTING**

**LAB NO: 04**

**SEM:VIII**

**LAB NAME:** Network Lab

| Sr. No | Name of Experiment  |
|--------|---|
| 1.     | Literature Survey on Distributed Computing System.  |
| 2.     | To Demonstrate Datagram Socket Programming for chat application.  |
| 3.     | Consider a scenario, there are two applications running in different machines. Let's say Machine A and Machine B, machine A is located in United States and Machine B in India. Machine B want to get list of all the customers of Machine A application. Design and develop remote application for above scenario. |
| 4.     | To demonstrate Mutual Exclusion Algorithm using java.   |
| 5.     | To implement multithread application using JAVA.  |
| 6.     | To demonstrate load balancing algorithm using java.   |
| 7.     | To demonstrate name resolution protocol using JAVA.   |
| 8.     | To implement bully election algorithm.  |
| 9.     | To implement Berkeley clock synchronization algorithm.  |
| 10     | Case Study on Distributed File System   |
| 11     | To Demonstrate CORBA application Using JAVA.  |

**Softwares Required:JAVA(jdk)**

**Hardware required: ---**