Department of Computer Science and Engineering

Programme Name: B.Tech   **Semester: VI Branch: Computer Science & Engg**

Course Code: CSN16400   **Course Name: Distributed   Systems**

Experiment No. 2

Experiment Description
i) There are two nodes A and B. Write a program to determine CPU load of node B from node A.
ii) Write a server C program using shared memory and semaphore (server increments counter between *sem_wait()* and *sem_post()*). Create shared memory using *mmap*.
iii) Write a client C program that reads counter value between *sem_wait()* and *sem_post()*. Access shared memory using *open()*.