**B. TECH - COMPUTER SCIENCE AND ENGINEERING (V SEMESTER)**

**CSP 315 Concurrent and Parallel Programming Lab**

**Assignment 2**

1. Implement solution of Critical Section problem with Semaphores (two processes).



1. Implement solution of Critical Section problem with Semaphores (N processes).



1. Implement producer-consumer problem with Semaphores (infinite buffer).



1. Implement producer-consumer problem with Semaphores (finite buffer).



1. Implement Merge-sort using Semaphores.