Suzuki-Kasami Mutual Exclusion

In this Project we implemented Suzuki-Kasami Mutual Exclusion Algorithm. A token based approach to handle the entry into the Critical section.

As per the requirements we have considered

T1 = 50ms

T2 = 100ms

T3 = 20ms

Each process calculates its own average synchronization delay, waiting time, and total messages required to enter the CS once. These values are then sent to the coordinator on completion.

The coordinator computes the weighted average of all the processes.

The total averages computed by the coordinated are represented by the graphs.

Waiting Time (ms)

Time Metrics

Total Messages per CS Entry

Total Messages per CS Entry