

**Computer Science and Engineering Department, SVNIT, Surat B.tech.-III,
Semester-V Operating system**

Lab Assignment 6

Write a program for the simulation of

1. Shortest Job First (SJF)
2. Shortest Remaining Time First (SRTF) CPU scheduler.
3. Round Robin Scheduling with quantum 3 units.

Take *n* no. of process from user with arrival time and burst time.

Arrival time and burst time should be generated randomly and compute Completion Time, Turnaround (TAT) Time and Waiting Time.

Also show the count of context switching in all of the algorithms.