

## **Lab Assignment 4**

**Due Date: 16/10/2021 (5:00 AM)**

**1.** Implement the following CPU Scheduling algorithms in C/C++

- i. Priority Scheduling algorithm and
- ii. Round Robin CPU Scheduling algorithm.

Implement the Priority Scheduling algorithm in Non-Pre-emptive mode. The algorithms should display a table which includes the Process Id, CPU Burst Time, Waiting Time and Turn around time. Also, calculate the Average Waiting Time and Average Turnaround time.

**Note:** Create a directory with your Reg.No and store the programs in that folder. Copy the code and output screen in a word file and share it through lms. The output screen should clearly show your working directory (i.e your Reg.No). If Reg.No is not available then you will be awarded with zero marks. Submission will be accepted only through LMS

**Plagiarism:** Be honest and be proud of being genuine. It is better to score zero marks honestly than to score 10 marks dishonestly. The programs will be checked for plagiarism. Plagiarism is highly discouraged. If someone found involved in plagiarism (copying/sharing your content for others to copy) then they will be awarded zero marks and strictly they will not be allowed to submit any future lab assignments