**Class:** Final Year (Computer Science and Engineering)

**Year:** 2024-25 **Semester:** 1

**Course:** High Performance Computing Lab

**Practical No. 2**

**Exam Seat No:**

**Title of practical: Study and implementation of basic OpenMP clauses**

Implement following Programs using OpenMP with C:

1. Vector Scalar Addition
2. Calculation of value of Pi

Analyse the performance of your programs for different number of threads and Data size.

**Problem Statement 1:**

**Screenshots:**

**Information:**

**Analysis:**

**Problem Statement 2:**

**Screenshots:**

**Information:**

**Analysis:**

**Github Link:**