

Class: Final Year (Computer Science and Engineering)

Year: 2023-24

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: