Parallel and Distributed Computing-CSE4001L

Lab Slots: L45+L46   **Date: 3rd October**

1. **Write a sample hello world program using MPI functions. Describe the MPI functions with the syntax.**

2. **Write a MPI program to show the usage of send and receive commands used in MPI program. Describe the functions used.**

3. **Write a MPI program to find the dot product of the vector. Use MPI reduce function to combine all the result and describe the functionality of reduce function.**

4. **Write a MPI program to find the average of an array of elements. Use MPI reduce function and describe the function.**