**Parallel Computing EE8218**

**LAB2: USING MPI**

**Due:** Week5

**Marking**=10 Demonstrate and submit report

**Objectives:** Using MPI to run a parallel program and find the performance improvement with increasing number of Threads

**Procedures:** -Install MPI software on Multiple Computers connected with network

 -Select simple application as matrix multiplication to run in MPI

 -Write the parallel code for application using MPI

 -Compile the parallel code and run it

 -Collect results of changing number of computers versus performance

 -Demonstrate the results

 -Submit a report