**Parallel Computing COE818**

**LAB4: USING NVIDIA GPU**

**Due:** Week12

**Marking**=20 Demonstrate and submit report

**Objectives:** Using CUDA to run a complex application and find the performance improvement with increasing number of Threads

**Procedures:**  -Select a complex application that needs GPU performance to run

 -Write the code for application

 -Compile and run the code

 -Collect results and measure performance improvements

 -Demonstrate the results

 -Submit a report