**Parallel Computing EE8218**

**LAB3: USING NVIDIA GPU**

**Due:** Week8

**Marking**=10 Demonstrate and submit report

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

**Procedures:** -Install CUDA software on NVIDIA Computer in ENG412

 -Select simple application as matrix multiplication to run

 -Write the code for application

 -Compile the parallel code and run it

 -Collect results

 -Demonstrate the results

 -Submit a report