MERCon215 Workshop on High Performance Computing for Engineers
7th April 2015, 9:00am – 12:00pm
Civil Engineering Complex, University of Moratuwa

Content
This hands on workshop introduces High Performance Computing (HPC) and parallel programming for engineering applications. It introduces HPC and parallel computing basics, resources available at CSE HPC lab for local researchers and industry, thread-based programming, MPI, and GPU programming

Target Audience
Postgraduate students, scientists, and professional engineers who plan to use HPC for engineering related research and development

Only 15 participants are accepted

Registration
~~Reg Fee is Rs. 1000 (US$ 80)~~ Waived off

Contact Thiransa on +94 719 661 168 and book your seat.

Programme

Time	Topics	Resource Person
09:00 - 09:30 am	Introduction to HPC and Resources	Prof. Gihan Dias
9:30am - 10:30am	Thread-based programming and MATLAB parallel computing toolbox	Dr. H M N Dilum Bandara
10:30 - 11:30 am	GPU programming	Prof. Sanath Jayasena
11:30am - 12:00pm	Introduction to MPI Programming	Dr. H M N Dilum Bandara

Organized by
High Performance Computing Lab, Computer Science & Engineering, University of Moratuwa

http://cse.mrt.ac.lk/hpc/