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5 DAYS

FACULTY DEVELOPMENT PROGRAM

on

HIGH PERFORMANCE COMPUTING

28th Jan - 1st Feb 2019

Organized by

Goa University

&

C-DAC, Pune

UNDER
The Aegis of

National Super Computing Mission, Govt. of India

Department of Computer Science and Technology
Goa University

Taleigao Plateau - 403206
Tel : 8669609191
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Invitation

Workshop Deliverable

PARAM SHAVAK

To introduce various parallel programming models, such as, OpenMP (Open Multi-Processing) for shared memory machines, MPI (Message Passing Interface) for distributed memory machines, and CUDA (Compute Unified Device Architecture) a par allel computing platform and application programming interface (API) model created by NVIDIA for GPU technology.

To conduct **hands-on** on these programming models

To introduce parallel programming clusters and heterogeneous architectures

For researchers including PhD, PG students it will be a great platform to get introduced to the application proximity and the tangible areas of innovation from experts

Rationale

Computational research can act as a fabric that connects different domains of knowledge such as various branches of engineering, physical, chemical, as well as biological sciences. The goal of this workshop is to provide the attendees with a focused and in-depth platform for presentations, discussion and interaction in the field of high performance computing(HPC).

"High Performance Computing most generally refers to the practice of aggregating computing power in a way that delivers much higher performance than one could get out of a typical desktop computer or workstation in order to solve large computational problems in science, engineering, or business."

For details and online registration

https://tinyurl.com/hpc2019

Seates are limited, early registration is soliciated.

Special Hands on Session

- Special lab sessions on Machine Learning algorithms with Sci-kit
- Special lab sessions on Deep Learning with DIGITS & Tensor Flow

Registration

There is no fee charged for the course. Online applications will be considered only. No participants will be provided any TA/DA.

Accommodation

Limited accomodation is available at University Guest House on twin sharing basis to outstation participants

Speakers:

Eminent Faculty members from premier institutes of the country and Industry

Participants Eligibility

Faculty members, highly motivated research scholars (PhD, MTech, MS) belonging to universities,institutes and colleges having interest in the related fields.

Contact

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Scan this code for direct web access using mobile

Important Dates :

Last date of online registration - 14**th January 2019**

Workshop during - **28th January to 1st February 2019**

Venue - Department of Computer Science & Technology, Goa University

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