How to Integrate Parallel and Distributed Computing (PDC) in Undergraduate Computing Classes

This hands-on workshop is targeted towards faculty who teach undergraduate computing classes and do not have expertise in PDC.

The training will be jointly conducted by Scientists from IIT, Goa, CDAC, India and by Faculty experts affiliated with CDER center.

CDAC India will pay the registration fee to attend the HiPC Conference (https://hipc.org) for 40 participants, as well as travel stipend to selected participants from BIMSTEC countries.

Interested faculty please apply here: (https://tntech.co1.qualtrics.com/jfe/form/SV_5cgFoagXCTKzBbw)

By October 15
Registration may close earlier if seats get filled up.

Nov 20 – Dec 17, 2023
Virtual Nov 20 – Dec 6, 2023
6:00 pm -8:pm IST (3 days/week)

In-Person, December 17, 2023
9:00 am – 5:00 pm IST
Novotel Goa Dona Sylvia Cavelossim Beach.

Topics to be Covered

- Foundational Concept in PDC
- Unplugged activities for introducing PDC
- Shared Memory Parallel Programming using OpenMP in C/C++ and Python
- Introduction to MPI
- How to integrate PDC in early computing classes

Questions?

Contact:

Sheikh Ghafoor  sghafoor@tntech.edu
Ashish Kuvelkar  ashishk@cdac.in
Sushil Prasad  sushil.prasad@utsa.edu
Sharad Sinha  sharad@iitgoa.ac.in

CDER Center