

EduHiPC Training Workshop

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

December 16, 2019
Novotel Hyderabad
Convention Centre Hotel

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

Tentative Agenda

8:30am – 9:00am : Welcome, TCPP Curriculum

9:00am – 10:30am : PDC in Early CS Classes (CS1, CS2, Data Structures/Algorithms), Review of OpenMP

10:30am – 11:00am : Break

11:00am – 1:00pm : Hands on Lab Exercise with OpenMP

1:00pm – 2:00pm : Lunch Break

2:00pm – 3:00pm : Hands on Lab Exercise with OpenMP

3:00pm – 3:45pm : Performance Tools by Intel

3:45pm – 4:00pm : Afternoon Break

4:00pm – 4:30pm : Assessment and Evaluation

4:30pm – 5:30pm: Group Exercise and Presentation

The training will be jointly conducted by Scientists from CDAC, and by Faculty expert from Tennessee Tech University and University of Texas San Antonio, USA.

CDAC India will pay the registration fee to attend the HiPC Conference (<https://hipc.org>) for 20 participants

Interested faculty are encouraged to apply to participate in the workshop by completing the following application by **November 15:**

(https://tntech.co1.qualtrics.com/jfe/form/SV_0UjzcUH7fzGjtLn)

In conjunction with EduHiPC 2019 (<https://hipc.org/eduhipc-2019/>)

Questions?

Contact :

Sheikh Ghafoor sghafoor@tntech.edu
Sushil Prasad sushil.prasad@utsa.edu
Ashish Kuvelkar ashishk@cdac.in



CENTER FOR DEVELOPMENT OF
ADVANCED COMPUTING