



National Supercomputing  
Mission



Jawaharlal Nehru  
University



Centre for Development  
of Advanced Computing

# Online Course on Basics of High Performance Computing

## Course Objectives

To teach participants the basic concepts of parallel computing and equip them with knowledge which will empower them to write parallel programs using industry-standard parallel programming frameworks.

## Salient Features

- Delivered by faculties from C-DAC and Industry
- Unique opportunity to upgrade skills in HPC

## Schedule

**Duration:** Two weeks (Thrice a week - Mon, Wed, Fri)  
**Hours:** 6 hours/day (1000 to 1300, 1400 to 1700 hrs.)  
**Course Starts:** 19<sup>th</sup> April 2021  
**Seats:** 100

## Topics Covered

- Fundamental Concepts of Parallel Computing
- Multicore Programming with OpenMP
- Distributed Computing with MPI
- Profiling of application

## Who Can Apply

- **Ph.D Scholars** (any stream of Science or Engineering)
- **Post Graduate Students** (any stream of Science or Engineering)
- **3<sup>rd</sup> and 4<sup>th</sup> year UG Students** (any stream of Engineering)
- Faculty members/scientists (any stream of science or engineering) from various institutes
- Admission based on merit

### ◆ For Details Contact

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### ◆ Registration Link

[Click here for registration](#)  
<https://tinyurl.com/av4m9emb>

Last date to apply: 10<sup>th</sup> April 2021

### ◆ Scan to Register



Course will be conducted under the aegis of National Supercomputing Mission