IIT Kharagpur   **IIT Madras**   **IIT Goa**   **IIT Palakkad**

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

- Course conducted by NSM Nodal Centres
- Delivered by faculties from premier institutes and industry
- Unique opportunity to upgrade skills in HPC
- Convenient evening timings

Schedule & Fees

Duration: Three months (thrice a week)

Hours: 40 lectures of 1 hour each followed by Q&A session (5:00 PM to 6:30 PM)

Course Fee: Rs. 1000/- for students
Rs. 4000/- for others

Course Starts: November 9th 2020

Topics Covered

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

Who Can Attend

- **Ph.D** Scholars (any stream of Science or Engineering)
- **Post Graduate Students** (any stream of Science or Engineering)
- **3rd and 4th year UG Students** (any stream of Engineering)
- Non-Students and Working Professionals

For details and registration visit:
https://iitgoa.ac.in/hpcshiksha

Course will be conducted jointly by IIT Kharagpur, IIT Madras, IIT Goa and IIT Palakkad under the aegis of National Supercomputing Mission

National Supercomputing Mission

Centre for Development of Advanced Computing