

NSM WORKSHOP ON INTRODUCTION TO HPC

Organized by: NIT Rourkela and Centre for Computational and Data Sciences (CCDS), IIT Kharagpur - under the aegis of the National Supercomputing Mission (NSM).

OBJECTIVE

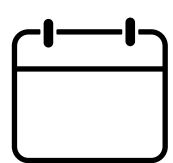
Join us for a comprehensive introductory workshop on High-Performance Computing (HPC) at NIT Rourkela, to be conducted by experts from IIT Kharagpur under the National Supercomputing Mission. Over two days, explore foundational HPC topics such as OpenMP, HPC systems, Unix, GPU programming with CUDA, and MPI. Develop a solid grounding in essential HPC concepts and tools.

TOPICS

- Introduction to HPC Systems
- OpenMP
- Introduction to GPU programming with CUDA
- MPI
- Demo sessions

WORKSHOP CHAIRS

- Prof. Manish Okade, Dept of ECE, NIT Rourkela
- Prof. Madhurima Jana, Dept of Chemistry, NIT Rourkela
- Prof. Mithun Biswas, Dept of Physics and Astronomy, NIT Rourkela



FRIDAY & SATURDAY
6 & 7 December, 2024



VENUE
Seminar Room,
Dept of ECE,
NIT Rourkela

Detail schedule shall be circulated to the registered participants

For More Info:



ccdsoffi@ccds.iitkgp.ac.in



<http://www.ccds.iitkgp.ac.in/>

SPEAKERS



Prof. Somnath Roy

Dept of Mechanical Engg, IITKGP
Associate Head, CCDS, IITKGP



Prof. Pralay Mitra

Dept of Computer Science and Engg, IIT KGP



Prof. Soumyajit Dey

Dept of Computer Science and Engg, IIT KGP
HoC, CCDS, IITKGP

TEACHING ASSISTANTS

- Nandan Sarkar
- Dibya Kanti Haldar
- Somyadeep Bhaduri
- Shuvranil Sanyal

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