



## PG Certificate Programme in HPC System Administration

### Course Highlights

- Well established courses with excellent placement records.
- 24-week full-time courses with 1200 hours' theory + lab + project.
- 6-8 hours per day theory + lab sessions on 6 days a week in most centres.
- Continuous lab and internal assessments during the course.
- Centralised course-end theory exams across all centres.
- Courses designed and developed in consultation with the domain experts in C-DAC, academia and ICT industry.
- Expert faculty from C-DAC and ICT industry with widespread domain knowledge.
- Tutorials, hands-on and projects relevant to the standards of the ICT industry.
- Special training on aptitude, effective communication and interview skills.

**Core Modules:** HPC System Administration, Python, DevOps, Cloud, OS

The PGCP-HPCSA course will aid the participants in enhancing their theoretical and conceptual knowledge in the domain of high-performance computing system administration.

### Course Modules

- Computer Architecture
- Linux Operating System
- Fundamental of Computer Network and Management
- Python Programming
- Hadoop Administration
- HPC System Administration and Management
- Cloud Services & Security
- Storage and Backup Management
- Resource Management and Accounting
- Security and Traffic Management
- Aptitude and Effective Communication
- Project



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CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING



[www.cdac.in](http://www.cdac.in); [acts.cdac.in](http://acts.cdac.in)



[actssupport@cdac.in](mailto:actssupport@cdac.in)



+912025503134/107