![ACTS / ऑक्टस logo]

![C-DAC / सीडैक logo]

PG Certificate Programme in
HPC System Administration

HPCSA

Course Highlights

- Well established courses with excellent placement records.
- 24-week full-time courses with 900 hours' theory + lab + project + 300 hours self study.
- 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 in aptitude, effective communication and interview skills.
- Extensive placement orientation and region-wise common campus placements.

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

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