

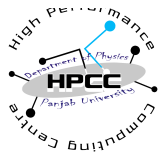
## HPCC Procedural Guidelines

This document describes the policies and procedures governing access to the department's high performance computing and storage facilities. These facilities are maintained by the High Performance Computing Center (HPCC) and are provided for the computational needs of the research groups in the Department of Physics, Panjab University.

The guidelines below are intended to ensure that department's HPC facilities are shared fairly, effectively used, and support the department's research programs that rely on computational resources not available elsewhere at the University.

Failure to abide by these guidelines may result in the suspension or cancellation of the access and associated allocation along with the deletion and removal of all associated logins.

1. Access to the HPCC would be provided only on request.
2. Passwords cannot be shared, and must be changed immediately after a suspected compromise.
3. The cluster has to be accessed from within the University's Local Area Network (LAN). It is not permitted to access the cluster from the Internet. Doing so without prior permission would lead to termination of the concerned login account.
4. Ph.D. Advisors of research scholars are responsible for notifying the HPCC when user accounts should be deactivated due to the departure of the research scholar or themselves. In the event that someone associated with a login account leaves the Department of Physics, the Ph.D. Advisor of the scholar or the P.I. of the associated research project must remove data associated with the user.
5. Users are not permitted to install any software in their home area. For installing software or a specific version of any software, a request has to be made to the HPCC. Research scholars should send the request via their Ph.D. Advisors. After verifying the feasibility of the installation and the license requirements, the software would be made available. Possession and use of illegal and pirated software is not permitted on the HPC cluster.
6. Designated area would be allocated to install certain software, which are as per the guidelines in (5) above.
7. The users must ensure that the department's HPC resources are only used to store data that is required for their research. Storing personal data on the cluster is not permitted.
8. Scheduled maintenance on the HPCC is typically announced to **active users** via email at minimum seven days in advance of a down time.
9. Unexpected downtime may occur such as a power outage to the building where the HPCC cluster is housed. If you are unable to reach the cluster, contact the HPCC helpdesk at **hpcc@pu.ac.in**



10. Users are prohibited from accessing information by unauthorized means to access private data, perform denial of service actions, and cause any of the department's HPC systems to function incorrectly by interfering with other users accessing the HPC system resources.
11. Users are encouraged to follow the day-to-day messages regarding disk space / CPU usage based on the users' activity so as to ensure smooth running of the HPC facility.
12. The HPCC committee has the right to amend these guidelines as and when required.

*For more information, please drop an email to [hpcc@pu.ac.in](mailto:hpcc@pu.ac.in)*