SRMIST - HPCC User Policy 2023

1. The use of HPC clusters is restricted for academic and research purposes only. It must NOT be used in relation to any commercial activities, consultancy services, or creating any nuclear, biological or chemical weapons.

2. Users does not have any right to access others data or programs on the HPC. Attempting to do so will be an offense, the user will be deleted.

3. Users are requested not to engage in activities like circumventing HPC security or authentication.

4. Users are responsible for the security of their data and requesting to backing up their critical data. Even though, Files Systems are very stable, data may be lost or damaged due to media failures, software bugs, hardware failures, and other problems.

5. In case of any malpractice, the user will be warned initially and during defiance his/her access will be denied with acknowledgment.

6. SRM HPC facilities are a shared resource. Users` disk space is subject to quota.
    (Galaxy :500GB, Star : 250GB, Comet: 500GB, Genome: 1TB)

7. The account will be deactivated and the files will be deleted if the account holder resigns/is relieved from this Institution/University with prior notice to the concerned department Head.

8. User Accounts that have not been accessed for more than Six Months, will be locked immediately, and remain locked for a period of Six Months. After this period, the locked accounts will be deleted from the system if the guide or supervisor no longer requires the data.

9. Users who have not accessed their accounts in three months will have their log in account inactivated for security reasons.

10. Users can re-enable their account by rising a ticket in HPC helpdesk. All data on the HPC clusters, are considered to be related to your research and not to be of a personal nature.

11. Sharing user accounts is prohibited.

12. 11.Access to HPC clusters is to be via secure shell (ssh) to respective master/log in nodes. Compute nodes are intended for handling heavy computational work. Direct access to compute nodes is prohibited.

13. All computational jobs run on the cluster systems must be submitted via the resource manager (Queuing system). Job(s) that leave entire node(s) idle will be killed and an email will be sent to the user.

14. Users are restricted to run any profound calculations in the Master node other than any superficial tasks, pre-processing and post-processing works such as source code editing, compilation, job submission and data analysis.

15. There is a stipulated 10 minutes CPU time limit for any process not more than 8 core on master node. All processes that use more than 10 minutes/8 core may be terminated without notice.

16. Students can avail this HPC facility for limited time period and it's not feasible to rename the same and the user account, files will be deleted after considerable amount of time.

17. The user name can be replaced with another user only with the approval of PI's (applicable to research scholars only).

18. Installation of software on HPC systems must include a valid license (if applicable) and it should be replicated with the HPC Support Team of HPCC. No software will be installed on HPC cluster without prior proof of license eligibility.

19. All HPCC users including faculty and research scholars (JRF, SRF, PDF, etc.,) will be validated every month from the ERP section in order to verify their presence in this Institution.

20. For security reason, we won't provide HPC access over WiFi network. Access shall be granted only through SRM LAN network.

21. To apply for an HPC account, go to https://www.srmist.edu.in/research/hpcc/. User has to create a request for new user account in the HPC Support.

22. Once the user initiates his/her account they should be able to reset their password/key-pairs and subsequently it is advisable to reset the password/key-pairs every 120 days.

23. Password should contain at least one upper case, one lower case, one alphabet, one special case and one numerical for more reliability.

24. To get access of HPC over dedicated network, the respective user requested to mail their system IP address along with the server IP address/DNS to hpc.support@srmist.edu.in

25. Applications for user accounts are reviewed by the HPC Support Team and processed within 48 hrs. All applications are evaluated on the basis of their technical merit and accomplishments.

26. Users should contact HPC Helpdesk regarding any changes to their contact information.

27. Users are required to notify SRM HPCC of any presentation or publication that results entirely, or in part, from the use of HPC resources. Please send an electronic copy to hpc.support@srmist.edu.in.