

Two Days Training Programme for Users on High Performance Computing System (HPC) Computer Networking and Information Technology (CNIT) Division

[A] Date: 07/June/2023 – HPC Users’ Training

Computer Networking and Information Technology (CNIT) Division arranged a training session for High Performance Computing (HPC) users on 07-June-2023. The main objective of the programme was to familiarize the existing and prospective users with the new ~1 (PetaFlops) PF HPC system of PRL. The training programme covered new HPC architecture, available tools and software, Job scheduling and Resource Management – Slurm, Job Management on the new HPC system.



The training program employed a combination of talks, live demonstrations and interactive discussions to ensure active learning and engagement. The training was attended by around 75 participants from different divisions/sections of PRL. The training was very well appreciated by the participants.

[B] Date: 08/June/2023 – HPC System Administration and Monitoring Training

Computer Networking and Information Technology (CNIT) Division arranged a training session for CNIT and CMG members for newly setup High Performance Computing (HPC) system on 07-June-2023 8 June 2023. The main objective of the programme was to familiarize CNIT management team members with the new ~1 (PetaFlops) PF HPC system. The training programme covered new HPC architecture, System Administration and Management of HPC infrastructure like Uninterrupted Power Supply (UPS), Diesel Generator and Cooling systems.

The training programme covered about day-to-day system administration tasks and other important management aspects of HPC. The training was attended by 15 members of CNIT division and CMG.

The CMG team members discussed various operational aspects of Power connectivity, UPS, DG and Cooling system. The CNIT team members discussed day-to-day system administration tasks and HPC monitoring.

CNIT team and HPC Committee thank Director, PRL, Registrar, PRL, Dean, PRL, Chair, Computer Committee and all the participants.