



12th July, 2018

Student Visit from Department of Computer Engineering, PVPIT College, Bavdhan, Pune visited DIRC on 11 July 2018

Third year engineering college students from PVPIT College, Bavadhan, Pune visited DIRC on 11 July 2018. There were ninety students and five faculty members. All of them were explained about the functioning of DIRC, by giving a power point presentation. Role of IT in a chemical lab like NCL, with reference to the deployment of IT set up in DIRC was elaborated. Detailed functioning of all the major IT components including network, server, storage assets, as well as many essential non-IT assets, located at the DATA Center was explained.

Field visit of six batches each containing 15 students was arranged to show two DATA CENTER's, located at DIRC. Information about the network racks, redundant operation of major network components such as routers, firewalls, IPS, core chase, proxy server, variety of wireless devices, IP cameras, variety of distribution switches, etc., were provided. Similarly functioning of server rack, major server/storage components such as 1U, 2U, Blade servers, Blade server chaisee, NAS/SAN storage devices, Tape drives, etc. was explained. Details about management, scheduling, and monitoring of Internet BW using MRTG tool were provided. Interconnectivity of all such components was explained for the optimal running of Data Center with least possible down time. Functioning of many of the smaller/larger HPC clusters, located in the DIRC was also explained. The students were allowed to take a closer hands on look on the passive/active IT components. Details about design of a Tier-II type data center were given in detail. The students were made aware of the responsibilities of a Data Center Administrator in general and that of a network, server, storage, desktop, system administrator, in particular.

Throughout the visit, the students were attentive to the details of the working and understanding the functions of the DIRC Data center and enjoyed learning the importance of the components. The students and the faculty team thanked Mr Deshpande and his team at DIRC.



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