Lab Parameters

Server IP: **172.20.160.50**
DNS Servers: 172. 20.160.50, 172.31.1.130, 172.31.1.1
Search Order: cgs.iitk.ac.in, iitk.ac.in, cc.iitk.ac.in

All CgS Phd students have their login in CgS Lab System

Web Server: [https://cgs.iitk.ac.in](https://cgs.iitk.ac.in)
User Web Area: [https://cgs.iitk.ac.in/user/%3cuser_login](https://cgs.iitk.ac.in/user/%3cuser_login)

Lab Services Web Page: [https://cgs.iitk.ac.in/user/cgslab](https://cgs.iitk.ac.in/user/cgslab)

Lab has one Xeon Server with 3 GPS cards (Ubuntu Server) which provides following services.

- GPS Computation
- DNS Server
- LDAP Server
- File Server
- Web Server Intranet/Internet
- Database Server (MySQL)

Currently CgS Lab has 5 AMD based work stations. Linux Mint/Ubuntu is loaded as OS. All systems are providing user access through LDAP authentication. Users have their unified area available to them in all the workstation through NFS/AutoFS. IP Allocation is as follows.


Users can change their LDAP password using **`passwd`** command on only one workstation named cgsws2 (IP:172.26.118.146).

Users should use **strong passwords** (Password which has Alphabets, Small chars, Caps chars, Numeric letters, Special chars and minimum length must be >= 8 chars).

**How to put files in web area?**

Users are given two separate area in the central system. One area is home and another area is as /www/<login>. One can put his/her website content in web area which will be visible as [https://cgs.iitk.ac.in/user/](https://cgs.iitk.ac.in/user/) [https://cgs.iitk.ac.in/user/%3clogin](https://cgs.iitk.ac.in/user/%3clogin)
How to get login?
Send an email to bms@iitk.ac.in from your IITK email along with duration for which login is requested.

How to get other helps?
Send an email to bms@iitk.ac.in