**About CgS Computing Lab (20200703)**

**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
**User Web Area:** https://cgs.iitk.ac.in/user/<user_login>
**Lab Services Web Page:** 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/<login>

**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