About CgS Computing Lab (20180404)

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)
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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.
cgsws1:172.26.118.145, cgsws2:172.26.118.146, cgssacws1:172.26.10.16, cgssacws2:172.26.10.17, cgsws5:172.26.118.149

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