

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/> [HYPERLINK](#)

["https://cgs.iitk.ac.in/user/%3cuser_login"](https://cgs.iitk.ac.in/user/%3cuser_login) [HYPERLINK](#)

["https://cgs.iitk.ac.in/user/%3cuser_login"](https://cgs.iitk.ac.in/user/%3cuser_login) [HYPERLINK](#)

["https://cgs.iitk.ac.in/user/%3cuser_login"<](https://cgs.iitk.ac.in/user/%3cuser_login) [HYPERLINK](#)

["https://cgs.iitk.ac.in/user/%3cuser_login"](https://cgs.iitk.ac.in/user/%3cuser_login) [HYPERLINK](#)

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["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>

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, cgsws3:172.26.118.147,
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/> [HYPERLINK](#)
["https://cgs.iitk.ac.in/user/%3clogin"](https://cgs.iitk.ac.in/user/%3clogin) [HYPERLINK](#)

["https://cgs.iitk.ac.in/user/%3clogin"](https://cgs.iitk.ac.in/user/%3clogin) **HYPERLINK**

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["https://cgs.iitk.ac.in/user/%3clogin"](https://cgs.iitk.ac.in/user/%3clogin)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