



# Post Graduate Government College Sector-46, Chandigarh



Affiliated to Panjab University, Chandigarh

NAAC Accredited 'A' Grade (Cycle-II)

AISHE CODE: C- 29314

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

Dr Rajinder Singh Koura  
IQAC Coordinator

Dr Abha Sudarshan  
Principal



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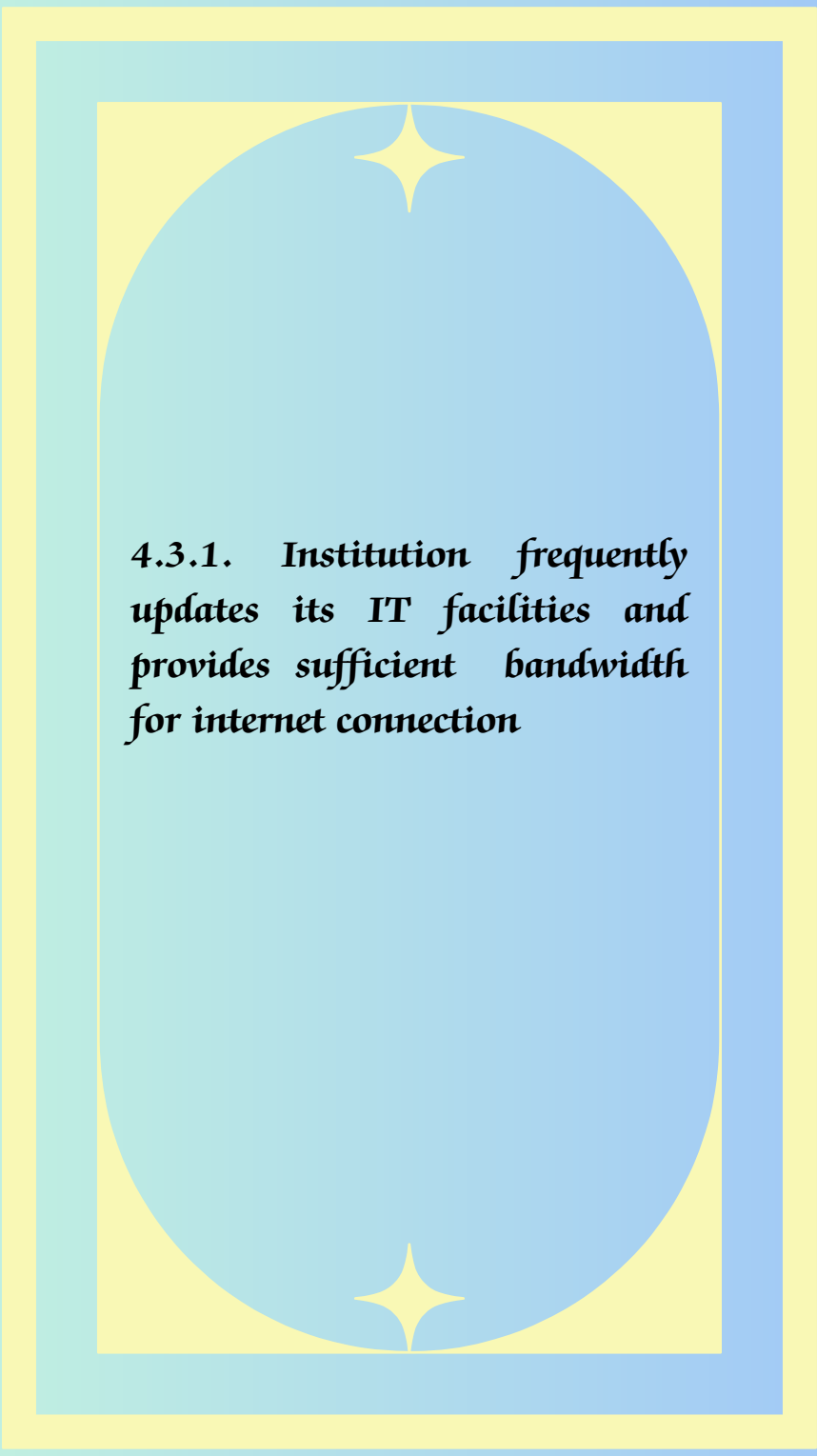


[www.pggc46.ac.in](http://www.pggc46.ac.in)



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**4.3.1. Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection**

The institution is committed to providing its staff and students with the best possible IT facilities to support their academic and professional development. To this end, the institution frequently updates its IT facilities with the latest hardware, software and security systems. The institution also regularly maintains and troubleshoots its IT infrastructure to ensure optimal performance and reliability. The institution's IT department works closely with the relevant stakeholders to identify the current and future needs of the institution and to plan and implement the necessary upgrades and enhancements. The institution strives to keep abreast of the latest technological trends and innovations and to adopt them in a timely and cost-effective manner. The institution believes that investing in its IT facilities is essential for maintaining its reputation as a leading educational and research institution.

## **IT FACILITIES AND THEIR UPDATION**

**I. CLOSED-CIRCUIT TELEVISION:** The institution takes security seriously and invests in regularly maintaining and upgrading its CCTV system. The 79 video surveillance cameras are strategically placed to monitor the premises and deter any unauthorized or suspicious activity. The institution also ensures that the CCTV footage is stored securely and accessed only by authorized personnel. The institution respects the privacy of its members and visitors and complies with the relevant laws and regulations regarding CCTV usage. The institution aims to provide a safe and comfortable environment for everyone who uses its facilities and services.

**II. LAN FACILITY:** The institution is committed to providing a high-quality LAN facility for its staff and students. The LAN facility enables access to various online resources that are essential for the academic and research pursuits of the

users. Some of the online resources that the LAN facility provides are databases, journals, e-books, and software applications that are relevant to the courses and programs offered by the institution. The institution regularly updates its LAN facility to ensure that it meets the current and future needs of its users. The updates include upgrading the hardware and software components of the LAN facility, such as routers, switches, servers, firewalls (security with NEBERO), antivirus, and operating systems. The updates also include enhancing the security and reliability of the network, such as implementing encryption, authentication, backup, and recovery protocols. Moreover, the updates include expanding the coverage and capacity of the LAN facility, such as installing more access points, cables, and bandwidth. The institution also conducts periodic maintenance and troubleshooting of the LAN facility to minimize any disruptions or downtime that may affect the users. The maintenance and troubleshooting activities include monitoring the network performance, resolving any issues or errors, and providing technical support and guidance to the users. The institution strives to offer a state-of-the-art LAN facility that supports the academic and research activities of its users in an efficient and effective manner.

**III. Wi-Fi FACILITY:** The institution is committed to providing high-quality Wi-Fi facilities to its students, and staff. The Wi-Fi facility enables access to online resources, communication tools and learning platforms that enhance the academic experience and productivity of the institution's community. To ensure the reliability, security and performance of the Wi-Fi facility, the institution frequently updates its network infrastructure, software and policies. These updates benefit the users by improving the speed, coverage and stability of the Wi-Fi connection, as well as protecting their data and privacy. The updates may require users to reconnect to the Wi-Fi facility or accept new terms and conditions. The institution appreciates the cooperation and feedback of its users in maintaining a safe and efficient Wi-Fi facility.

The institution upgraded its Wi-Fi facility to 100Mbps on October 29, 2020, so that faster and more reliable internet can be accessed on campus with more ease and convenience.

### **DETAIL OF WI-FI UPGRADATION**

Sr. No.	Academic Year	Upgradation
1.	2018-19	10 MBPS
2.	2019-20	10 MBPS
3.	2020-21	50MBPS
4.	2021-22	100 MBPS
5.	2022-23	100 MBPS

### **DETAIL OF WI-FI ACCESS POINTS**

Sr. No.	Installed location	Number of Devices	Make/Brand
1.	Administrative Office	1	T. P. Link
2.	Principal Office	1	D Link
3.	Registrar Office	1	T. P. Link
4.	Porch Area	2	1 T. P. Link 1-D Link
5.	Outside Geography Department	1	T. P. Link
6.	English Department (Room no.108)	1	D Link
7.	Enabling Unit	1	T. P. Link
8.	Outside Room no. 225	1	T. P. Link
9.	Commerce Department	1	D Link
10.	In front of Room no. 205	1	T. P. Link
11.	BCA Porch Area	1	T. P. Link
12.	In front of Room no.304	1	T. P. Link
13.	In front of Room no.325	1	T. P. Link
14.	Outside Room no.25	1	T. P. Link
15.	Psychology Department Room no.12	1	D Link
16.	Physical Education Room no. 22	1	D Link
17.	In front of Dispensary/Health Care Centre	1	T. P. Link

## LIST OF NEW IT-RELATED ITEMS/SOFTWARE PURCHASED

Date	Particulars	Invoice No.	Bill Amount	Receipt Date	Receipt Remarks	Receipt Amount
01-Feb-19	LIBSYS Support (998313)	GLIB1902002	66,375.00	14-Feb-19	NEFT AG UT Chandigarh SIBIC 300046651439	66,375.00
28-Jul-20	LIBSYS Support (998313)	GLIB1907028	66,375.00	29-Jul-20	NEFT AG UT Chandigarh SIBIC 300086404572	66,375.00
15-Jul-21	LIBSYS Support (998313)	GLIB1907018	66,375.00	20-Jul-21	NEFT Cr-SBIN0004266-AG UT Chandigarh-Libsys Ltd-SBIC300113176878	66,375.00
14-Feb-22	LIBSYS Support (998313)	GLIB1907017	66,375.00	17-Feb-22	NEFT Cr-SBIC3001316347282-SBIN0004266-AG UT Chandigarh-/URGENT/Payment S02220111304	66,375.00
22-feb-23	LSEase LMS on Cloud	GLIB1907017	129,800.00	04-March-23	NEFT/AG UT Chandigarh/State Bank Of India Ref No. is SBIC300172135942	129,000.00
<b>TOTAL</b>			<b>395,300.00</b>			<b>394,500.00</b>

**INTERCOM FACILITY:** The campus is well-connected with well-planned intercom facilities. The institution has recently upgraded its intercom system to enhance the communication and security of the premises. **07** additional landline connections are available.

**BIOMETRIC DEVICE FOR ATTENDANCE:** The institution has updated its biometric device for attendance tracking. The new device is more accurate, secure and user-friendly. It uses facial recognition and fingerprint scanning to verify the identity of the staff and students. The device also records the time of entry and exit and sends the data to the central database. The new device is installed at the main entrance of the administrative block and can be accessed by the staff by filling in the last six digits of Aadhar card. The institution hopes that the new device will improve the efficiency and transparency of the attendance system.