Institution frequently updates its IT facilities including Wi-Fi

The institute has always given priority for up-gradation of IT facilities. Regular updating is done in facilities at institute level as well as department level. Internet connection is provided to students after registration of mobile and laptop MAC address. All computers of the Institute are connected through wired network and internet access is controlled through firewall. Institute has updated server-client based antivirus quick heal technology for the desktops

The description of the same is provided below.

Internet Connection: The institute regularly updates the internet connection every year and as of now, the available internet bandwidth is 300 MBPS provided by Sify Technologies

No. of Systems: Institution has a total of 130 computers for students & staff.

Firewall/Security: Institution uses by default firewall service from Licensed Versions of Windows 11 operating system.

Wi-Fi Facility: Institution has provided 5 Wi-Fi routers of TP Link as internet Access point around the campus for all staffs and students.

Networking Peripherals: Institution has total no. of 8 networking DLINK switch of speed 1 GBPS.

Licensed version of OS: The institute has license copies of Windows Operating System and also works with open-source operating systems like Ubuntu OS and other software tools.

I/O Devices: The institute purchases printers as per the requirements given by the departments. The institute has in all 09 printers.

Media Lab/Video Lecture making Facility: The institute has a well-equipped media lab where faculties can prepare their video lectures. This has been very useful during the initial phases of pandemic.

LCD Projectors: Upgrading of IT is seen in teaching learning process as OHPs in the institute have been intermittently replaced by LCD.

ERP System: The institute is also in the process of automating all its manual work in various departments like Administration, Library, Admission, by I-Guru and automated library by Auto Lib.

IT infrastructure of Institute is as follows:

Sr. No.	Particulars	Quantity
1	Desktop Computers	130
2	Printer	09
3	Scanner	04
5	Projector	29
6	Online UPS	02
7	Server	01
8	Wi-Fi Access Point	05

Up-gradation of bandwidth of internet connection is as follows:

Year	Internet Connection	Bandwidth
2023-24	Sify Technologies	300 Mbps