

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Institute has given top priority to up-gradation of IT facilities for ensuring high-end teaching-learning environment. Institute has updated hardware configurations and licensed software. Institute ensures updates of IT infrastructure through suggestions and requirements from head of departments, IT In-charge and lab assistants after reviewing changes in course requirements and current status of computer labs.

Suggestions and requirements provided by HOD's, IT In-charge and lab assistants are reported to IQAC for review. As per suggestions of IQAC, updates of IT infrastructure are fulfilled by the Institute. Presently there are 241 desktop computers in working condition.

In order to provide full-fledged internet connectivity, Institute has 100 Mbps internet connection which is provided through Wi-Fi by using 9 access points.

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 server room for systematic control on computer labs and for providing uninterrupted IT services for teaching and learning. Institute always review the current needs and accordingly internet bandwidth is upgraded from time to time.

The Institute has subscribed "Microsoft Imagine Premium" from Microsoft Developer Network (MSDN). It is annually renewed by the Institute to utilize additional Microsoft Software and services, System Software and Application Software which are upgraded time to time by Microsoft Developer Network.

Institute has updated server-client based antivirus quick heal technology, "Seqrite Endpoint Security" is activated for three years validity for 156 users.

IT infrastructure of Institute is as follows:

Sr. No.	Particulars	Quantity
1	Desktop Computers	241
2	Printer	20
3	Scanner	02
4	Laptop	04
5	Projector	18
6	UPS and Inverter	03
7	Server	02
8	Wi-Fi Access Point	09

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

Year	Internet Connection	Bandwidth
2020-21	Reliance	100 Mbps