



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

The IT department of Eternal University is responsible for managing the university's IT infrastructure, including upgrades, policies, and procedures. The university is committed to advancing its information technology to support teaching, learning and research.

Currently, the university has a total of 335 computer systems, with ongoing efforts to continually upgrade IT-related services. Almost all faculty members are provided with desktop computers/laptops with internet connectivity and students have access to these facilities in laboratories, the library and other learning spaces.

Efforts are underway to transition the campus network from copper to 10G fiber connectivity, with approximately 80 percent completion achieved. Plans are also in place to extend this upgrade to hostel areas.

Faculty offices, administration, laboratories, and the library are all connected with an intercom system for faster communication.

The university employs modern teaching methods by implementing a Lecture Capture System in three classrooms. These classrooms facilitate both online and offline lectures, with the added capability to record sessions using Zoom, etc.

Prioritizing safety, 58 IP cameras have been installed across the campus, providing comprehensive coverage of corridors and enabling remote access from anywhere in the world. This robust surveillance system significantly enhances campus security.

The university is upgrading ICT labs to meet the demands of B.Tech. students. One lab has already been equipped with 45 Intel Core i5 computers, capable of handling heavy workloads and multitasking efficiently.

The entire campus is covered by a Wi-Fi network, and ongoing efforts involve the installation of Fortinet Access Points to further improve Wi-Fi connectivity.

To facilitate printing for students, there is a Xerox room featuring two Printing/Scanning/Xerox Machines and one is available in the COE office of the university.

Eternal University has developed its own Online Learning Management System (LMS), which played a crucial role during the COVID-19 period, facilitating online exams. The LMS continues to be utilized for various activities, including Ph.D. Entrance exams.

Eternal University employs SARAL ERP for streamlined automation across various departments, including admissions, accounts, examination and attendance.

As per instructions from UGC during and after the COVID era, pre-thesis submissions, final viva-voce, synopsis seminars, credit seminars and webinars have been conducted on Google Meet.

The university recommends utilizing the university's email services for formal university communication and for academic & other official purposes.

As per the IT policy, the university prohibits its users from gaining or enabling unauthorized access to forbidden IT resources and from sending, viewing, or downloading fraudulent, harassing, threatening, or other messages or material that violate applicable law.

The university also recommends its students, faculty, and office staff to use Open Source Operating Systems (OS) and Processing Software (PS) such as Ubuntu and Libre Office/Open Office, respectively.

For better Internet connectivity, the university has a 70Mbps leased line from Airtel and in the future, university is planning to increase it to 100Mbps.

In the Nursing College Library, an RF-ID system is installed for proper tracking of books. University has implemented biometric facilities for the attendance of faculty & student. It's a secure and efficient way to manage resources and ensure accountability.

The university has an in-house ERP server, an LMS server, as well as DHCP and NVR systems in our server room.