4.3.1: Institute frequently updates its IT facilities including Wi-Fi

Institute provides well equipped laboratories to students for all their computing needs. The institute has a total of 827 computers for students and staff members. Institute has 1 Gbps Leased Line with NKN Connectivity along with 100Mbps Leased Line for Internet Connectivity by Phonix Broadband Pvt.Ltd. Internet facility is also extended to all the classrooms, library, faculty rooms, seminar halls and offices.

In addition to high-speed LAN connection, Cisco ASR1002 Routers are installed for wireless Internet facility for the students and faculty members. The whole campus including student hostelsare Wi-Fi enabled. The Wi-Fi access points are mounted to capture every place in the campus. On the note of green campus, all the course materials frequently uploaded on website. This helps the students can access the course material anywhere at any time. The Internet bandwidth is upgraded time to time as per requirement and the technology is also constantly updated. The hardware routers and servers upgraded regularly to match higher data speed demand.

Sophos 750XG Firewall with Full guard Plus Subscription has been installed to protect all servers from outside attacks. For confidentiality and security issues, access to Internet is availed through separate login ID to each and individual who wants to use internet facility, separate IT policy is also implemented for the usage of Internet through wired or Wi-fi connection.

Institute uses many open source softwares and applications for various processes and activities. Each department has minimum one Smartboard for effective teaching-learning process. Campus is under full CCTV Surveillance with 950 HD IP Cameras. Biometric attendance system is employed for staff members. All classrooms are provided with LCD projector, classroom talky and high speed Internet connection.

R-Work used as an ERP system is an exclusive Information Management System wherein students and staff profiles are maintained. It also helps in maintaining academic records of students in terms of their attendance, internal marks, etc. In addition to this, it is also used to maintain a record of CO and PO attainment of each and every course. Staff attendance and leave records are also maintained in this system.