4.3.1: *Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities*

Computers in the campus are connected through network. Internet connection with a capacity of 300Mbps is available. The entire campus backbone network is made up of fibre optic cable networks. LAN connectivity is provided for all the computer and Seminar halls. Private IP Address maintained for each block. FortiGate 240D firewall is used for security purpose to Campus LAN. The Campus Internet Traffic is monitored through a High Performance firewall for any possible spam, virus and intrusion detection. All the computers are networked using 10/100/1000 Mbps Ethernet LAN technology with manageable and unmanageable switches. Cisco ASR 1001X router is deployed as a gateway. End point computer systems are protected using K7 Antivirus software.

Wi-Fi Facilities are available in the campus (A Block, B Block and C Block). Aruba WiFi 205, Aruba Wi-Fi 215 and Unifi AP Ubiquiti UAP-AC-Pro series access points are deployed in the campus for WiFi connectivity. POE Switches are used for backbone WiFi network connection.

Totally 1724 computers are available in the campus with systems configuration: Core i7, Core i5, Core i3, 16GB, 8GB, 4GB, 2 GB RAM, 1TB / 500 GB / 320GB / 160 GB HDD, 18.5"/21"/24"

LED Monitor with Model - HP (280, Z2, 3330, Pro3090, DX2480, & 202), Dell Optiplex (390, 3010, 3020), Apple MAC Mini, Apple MAC Pro, iMAC. Rack based server are deployed in the campus for file transfer, Siemens Software Bundle, Cape Gemini Cameo, Cadence EDA Tools, Tally, Campus Application, Library management, Exam Cell Application, Campus License Software Servers. Totally 12 servers are available in the campus with configuration: Intel Processor, 160/64/32/16/8 GB RAM, 1TB, 500 GB HDD with RAID controller, Redundant power supply with model HP, DELL, CISCO & IBM.

The Microsoft Campus Agreement Volume License is being used on campus. Microsoft Office 365 solutions integrate online meetings and cloud storage. For mail server, Microsoft Outlook is utilized. Students, instructors, and support personnel each have their own email address. Totally 154 Laser, DMP, Copier based printers are available. Printers are deployed at computer labs, department office and admin office. Totally 131 Projectors are available in campus. Projectors are fixed in all class rooms using mounting kit.

CCTV Cameras are installed at A Block, C Block, Security Gate (I, II, III), DJB building, CC Hall and Hostel for security and monitoring purpose. Attendance of faculty and supporting staff is taken using a face reader, and biometric machines are installed at the information centre, A block, and security gate.

In last 3 years, Totally 745 computers were purchased with cost of Rs. 4,06,19,204/-. Computer systems configuration are Core i7, Core i5, 16GB, 8GB, 1TB HDD, 2GB/4GB/12GB graphic card, 24"/ 21.5" LED Monitor with Model - HP (280 and Z2), Apple MAC Mini, Apple MAC Book Air. In last 3 years, Totally 3 servers were purchased with cost of Rs. 10,63,695/-. Server configuration are DL 380/ QNAP TS, 8GB/32GB/64GB RAM, 1TB, 500 GB HDD with RAID controller, Redundant power supply with model HP.