Criterion IV

Infrastructure and Learning Resources

4.3. IT Infrastructure

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

Principal
Vasantdada Sugar Institute
Manjari (Bk.), Tal. Haveli,
Dist. Pune - 412 307

Institute is committed to provide secure, sophisticated Information Technology Infrastructure in terms of Hardware, Software and Internet facilities for teaching, learning, research & administration. Institute continuously reviewed and upgraded the facilities including **software, hardware's, internet/Wi-Fi connectivity, backup**, and allied IT facilities to ensure better learning experiences in line with the vision-mission statement.

Hardware:

Recently we are using the latest Computer System which comprises **i3 (11th gen.) processor and SSD**. Maximum support of internal and secondary memory was also provided with the system. Institute has **three Servers and 200 Computers and 30+ laptops** are being managed and secured by competent personnel.

Software:

Some of the computers possess windows 10 above operating system with proper licence. Computer Systems are rich in terms of software and internet facilities. **Microsoft Office 2007 to 2023, Adobe reader, Notepad ++, Zoom, Browser, Media Player, Archiver, Visual Studios dot net, google earth, Autocad, Photoshop, MS Outlook, oracle,** crystal report are installed. The Institute ERP, covers Account, Purchase and Office Administration. License and Agreement for Windows OS License upgrades, Zoom, Antivirus Kaspersky.

Internet and Wi-Fi:

Institute has **3 internet bundled connectivity broadband facility from BSNL and other service providers** (Jio lease line & hathway line). Using proper star topology we have set the Local Area Network (LAN) inside the institute building. All the computers in the campus are connected to each other using LAN cable cat 6 and RJ 45 connectors.

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Apart from **Wi-Fi zone** at Main Building (Administrative & Account) and students hostel, restricted departmental wifi zone is also available. Global Naming & IP Addressing conventions are used. Institute has **Biometric access** control for the teaching and non-teaching staff. All of the departments and sections are connected with an **intercom facility.** College has **three dedicated servers** for the smooth functioning of the office, library, and computer science laboratories. Two HP ML 350 windows server 2019, 3 TB capacity, 16 GB RAM and Dell optiplex 5080, Intel core i7, 16 GB RAM, 1.5 TB HDD. Institute has its own local domain address 'vsidom.local' and all faculties have been allotted with email addresses under college domain. Data is stored and made available through a viewable port to the Director General and Principal Office. During COVID-19 pandemic education system took a paradigm shift from offline to online, college reviewed the IT facilities, upgraded as per the need of time, and not only adopted an online education system but also made it learner friendly. During 2020-21, all educational activities including teaching-learning and evaluation were carried out online using various softwares and platforms like **Google meet and Zoom.**

Surveillance and Security:

34 CCTV cameras have been installed in the premises to safeguard stakeholders.

E-Waste management:

Agreement is signed with Nizam Enterprises, Pune for e-waste.

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