

4.3.1

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

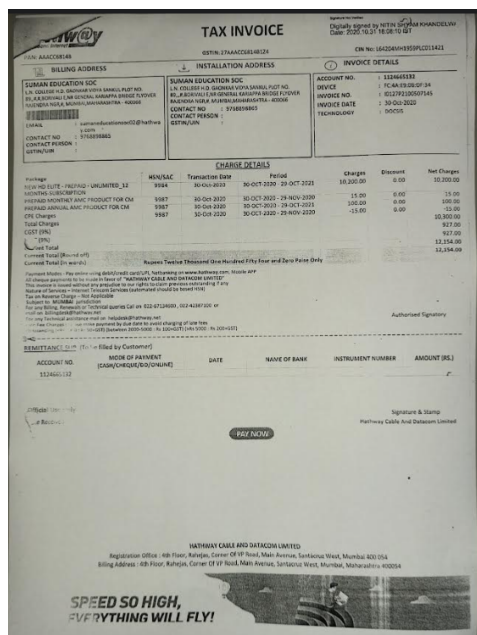
IT facilities are the basic hardware, software, networks and facilities upon which an organization's information technology services are built. This college has excellent IT facilities which helps to enhance the teaching and learning process. The IT facilities in this college are as below.

1. Network Equipment- Network Equipment in this HEI are like the routers. There are many routers, eight storied buildings of the college. Each router serves and manages internet traffic between the networks by forwarding data packets to their intended IP addresses. The routers in HEI allows multiple devices to use the same internet connection.
2. Telecommunication Services- This college is having upgraded telecommunication services it connects to the Internet and HEI facilities it includes the telegraph, telephone, Video telephone, closed computer networks and access to internet. Up to mark telecom services helps the HEI to exchange information over significant places in HEI by electronic means and refers to all types of voice, data and video transmission.
3. Computing- HEI has computing hardware such as servers and basic software such as OS (operating System) . HEI has Application Server, Database server as well as dedicated servers for computing.
4. Power- Electric power is the basic need of IT facilities Institute has Electrical power supply by 'BEST' in Mumbai. It also has solar panels. IT generates considerable electrical energy. It was used as backup at the time of power failures.
5. Computing Platforms- Institutes has cloud computing services which shows high performance infrastructure for data analytics and machine learning.
6. IT services- College has basic IT services such as data backup.
7. Information Security- Virus detection, antiviral CDs for protection reflects into information security in IT systems to run. It also ensures the safety of Informational data of the Institute.
8. Vigilance Facilities- The college campus, classrooms, laboratories administration areas, auditoriums, facilities area are under the CCTV Vigilance. CCTVs are installed across every area to monitor the campus activities. The CCTV surveillance system is with Day and night recording. The recording is having up to 3 days of data, Thereafter, if not taken backup, it would get AutoDetect to record the next vigilance data. IT Facilities in terms of CCTV helps to discipline and every activity in order.
9. ICT enabled classrooms- 7 classrooms in college are well equipped with interactive, multimedia smart boards, 4 classrooms have LCD display. ICT enabled Laboratories- over 2 Laboratories in HEI with ICT devices as internet connectivity (WAN, LAN) PCs, WI-FI connectivity shows Institutes inclination towards the ICT facilities to provide better delivery of teaching and Learning.
10. WI-FI- This Institute has a WIFI campus. The Wireless router supplies Internet Connection that is shared with multiple devices in a 5 stories building of the Institute. WI-FI gives to stakeholders (Teachers, students and Employees, Parents etc.) the flexibility to stay connected with the internet as long as the stakeholders are within the range of WI-FI network Coverage area. The Institute has the WI-FI of Jio Services. The Hathway provided ultra speed wiring and wireless services. The allowed access to service with control of Digital Spaces, landing Page(s), Login flow page(s) . Thus, the ISP Provides WI-FI to all parts of the premises including facilities, existing ducts, pathways, raceways, shafts, entrance link, rooftop and building infrastructure including library and e- library.



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Internet Bill



Wi-Fi Router Facility



Server Facility



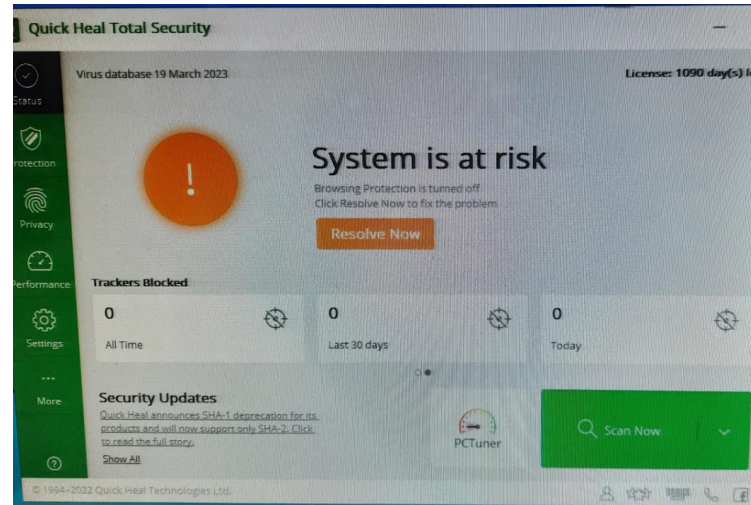
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Intercom Facility



Antivirus Facility for all PCs



CCTV Surveillance



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