

## IT - POLICY

Mohamed Sathak Engineering College has very good IT facility and it updates its IT infrastructure periodically. Totally 769 computer systems are available in the campus as standalone and as client-server systems (as Linux server, Data base servers, File server, Koha Server, Web Server, DHCP Server). The institute has the state of art, well-furnished computer laboratories with 428 computers exclusively available for the students. With extended star topology, all the computer systems in the computer laboratories and in other places are inter-connected through un-manageable 1Gbps D-Link and D-Link switches. For knowledge enrichment through the online/web contents our college has very good internet connectivity of speed above 100 Mbps with One Pipe Telecom Lease Line and 200 Mbps Brand Band Line Connection. Since all the computers in the campus connected to the LAN through Cat 6 UTP cable and optical fiber cable as a backbone, internet is accessible for all the computers. The institute has a language laboratory with software for communication, student console and audio/video materials to develop the communication skills for both the faculty and students. 24/7 internet facility is available to the faculty and student laptops through 25 Wi-Fi hotspot access points spread across the college and hostels. These are equipped with En-Genius long range access points. These Wi-Fi hotspots provide service to students as well as to faculty community for their personal laptops for computing, communication and presentation requirements. Open-source squid cache proxy is use as both the proxy server and as the firewall for the access control. Also the institute has 2 high end server for anti-virus and net gate PF sense for security purpose. As well as 96 surveillance cameras are installed at strategic locations of the campus for safety and security purpose.