



Vidya Jyothi Institute of Technology

An Autonomous Institution

Accredited by NAAC, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH

Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

4.3.1 Institution has an IT policy covering Wi-Fi, cyber security, etc., and allocated budget for updating its IT facilities

Describe IT facilities including Wi-Fi with date and nature of updation within a maximum of 500 words

IT Service Management

The IT service management is done by a team headed by System and Network Administrators. This team manages the institute IT infrastructure and deploys the e-resources campus-wide. All the systems on the campus are connected through LAN with high-speed internet to serve the computing needs of users to facilitate teaching, learning, research, and administration. All e-resources and services can be accessed through Internet and FTP (File Transfer Protocol) at any point of time by all the stakeholders.

Information Security: Unauthorized use of individual/institutional information is not permitted.

Network Security Network resources and computing resources are not used for any personal purpose. Faculty members and students exercise their responsibility and ethical behavior in the utilization of software and IT resources. All the users abide by the rules and regulations stipulated in IT policy of the institute. All the purchased products and equipment with invoice are recorded in a standard stock register from time to time.

Risk Management: The risk management of IT assets is associated with use of ownership, operation, involvement, influence and adoption of IT within the institute.

A separate Computer Maintenance team with two service engineers is available to attend to any problems relating to network and internet services. Efforts are being made to reduce the down time.

Internet Bandwidth : 100 + 100 MBPS (2lines)

Accessibility of Wi – fi :Good

Reliability of Wi – Fi :Good (90%)

Availability of Supporting Staff :Good

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The IT facilities available in our college can be summarized as follows,

LAN Facility

There are 50 data network switches (Giga byte), CCTV cameras, Intercoms and firewall for content filtering for 950 users simultaneously. 100 Mbps of internet connectivity is shared across the campus, where as 100 Mbps is shared for the students

Server configurations in Data Centre

There are 8 servers with Xeon E-5 version-3.0, 32 GB RAM, 2 TB hard drive, Storage server- 2TB*5=10 TB

Back up device-4TB for critical server back up

Systems available

961 desktops are provided to all the department labs with configurations of core i3 3Generation 4GB, 500 GB hard disk with LAN connectivity. 50 desktops with configurations of core i3 4GB, 500GB and dual core 250 GB, 2GB hard disk are available to carry out academic and administrative work.

Software:

100 genuine windows licenses, with window 10, 8 and 7. 375 Microsoft office standard and professional editions for departments are also available. We also use open source operating systems such as Fedora, Ubuntu and CentOS. All windows systems are protected with Quick Heal Total Security anti-virus

Printers:

50 Laser jet printers, 6 Xerox work centers and 5 scanners are provided across the campus for academic and administrative purposes.

Wi-Fi:

25 Extendable Wi-Fi access points are placed in various places like Library, corridors, and Labs. Wi-Fi access is provided to all the students which is monitored and controlled by fire wall. All access points are routed to a Wi-Fi controller in the Data Centre where configuration and updates are maintained in a centralized fashion.



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