VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

(Sponsored by SARASWATHI VIDYA PEETAM)
(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
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4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institution has adequate and latest IT infrastructure. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. The entire Institute is Wi-Fi enabled with necessary firewalls and computer labs are connected through LAN with internet facilities.

A dedicated internet connectivity of bandwidth 100Mbps(1:1)is provided by BSLN Pvt. Ltd. the campus is Wi-Fi enabled to promote digital flow. Faculty and Students can avail the Wi-Fi facilities 24X7, 365days.

Internet facility is provided to the classrooms, laboratories, the offices &hostels through Wi-Fi. Wherever high speed connectivity is required wired connection through optical cable LAN services is provided to the departments. A dedicated computer center with 460 desktop systems provided for browsing & accessing e-resources besides computer labs in each department.

The Institute has an Internet registered domain name http://vikasinstitutionsnunna.org,using which it provides its own e-mail facility, to staff and students. The institution provides free Wi-Fi facility to the students. They can access internet freely through their mobile phone, tablet or laptop in the College campus. Staffs are also provided with individual system (Laptop or Desktop) with internet facility.

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes etc., are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty's access and student's access.

These campuses with wired and wireless internet access require seamlessly roaming facility to access internet from class room to library to labs and residential areas. Laying complete network with different vendor solution would be very costly effort and difficult to manage while technical issues. Education institutes require cost-efficient comprehensive solution that offers all the advance facilities and features in single platform with single point of contact for technical support. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/down loading of web based application, besides helping them in preparing projects & seminars.