SREE NARAYANA NURSING COLLEGE



Stonehousepet (po), Chinthareddypalem, Nellore - 524002.

Ph No: 0861-2318300 | Fax: 0861-2318300.

e-mail: sreenarayana.nursing12@gmail.com | principal.snnc@narayananursingcollege.com

Website: https://sreenarayananursingcollege.com
Recognized by Indian Nursing Council vide letter No. 02/Sep/2006 INC dated: 29.09.2006 and
A.P. Nurses & Midwives Council, letter No. APNMC/CON/5212/2006, dated: 4/11/2006
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4.4.2: Document related to updation of IT and Wi-Fi facilities

The management of Sree Narayana Nursing College, Nellore is committed to continuously upgrading its IT infrastructure and facilities to ensure timely and effective communication for all stakeholders. Some of the key features and updates to the college's IT infrastructure include:

SreeNarayana Nursing College, Nellore is equipped with advanced IT infrastructure and reliable computer connectivity to enhance the student learning experience. The campus is powered by a 1 Gbps Broadband Line from the JIO, providing round-the-clock high-speed internet via a robust Wi-Fi network. All computers and audio-visual equipment are supported by UPS to ensure continuous power supply.

The internet leased line of 1 MBPS from JIO terminates in the Data Centre, where the network is secured and managed by a Sophos xg310 firewall. From the Data Centre, the network is distributed to all units of the nursing college through Optical Fiber uplinks, ensuring seamless connectivity throughout the campus.

Computer facilities are provided for students and faculty to support academic, research, and co-curricular activities. Every department is equipped with computers and peripherals connected via LAN/Wi-Fi to facilitate teaching, learning, and administrative tasks. Classrooms are outfitted with modern teaching aids such as LCD projectors, high-speed internet, advanced acoustics, and air conditioning.

The admission and examination processes are automated, and the theory/practical evaluation process is fully digitized. Training sessions are regularly held for faculty and postgraduate students to familiarize them with essential software like Microsoft Word and SPSS.

The entire campus is monitored with a CCTV surveillance system, ensuring a safe and secure environment. In addition, all Operating Theaters (OTs) are connected to audiovisual (AV) rooms, and the library services are fully automated using custom-built software.

Sree Narayana Nursing College, Nellore continually upgrades its IT infrastructure to meet the needs of the institution. Computer labs are refreshed with new systems on an annual basis, and a dedicated budget is allocated for the purchase and maintenance of computer systems and related services.

In line with the growing demand for internet access, the nursing college has established a reliable wired and wireless network. Students typically bring multiple devices such as smartphones, tablets, and laptops, leading to increased bandwidth consumption. The college meets this demand with a 1Gbps JIO Internet Leased Line (ILL), providing high-speed internet across the entire campus, including hostels.

To secure the network, the college has implemented a Sophos XG310 firewall. This firewall offers a comprehensive suite of security features, including VPN (SSL VPN &IPSec), Gateway Anti-Miros Anti-Spyware, Anti-Spam, and Intrusion Prevention System (IPS).

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Additionally, it provides content filtering, application control, bandwidth management, and link management for load balancing and gateway failover.

With **Sophos Central** integration, the firewall allows centralized management and monitoring of the network. It provides real-time visibility into all connected devices, enabling efficient management of network security. The solution also offers detailed reporting and insights into security incidents and trends, helping the college maintain a secure and compliant IT environment.

SOPHOS XG 310



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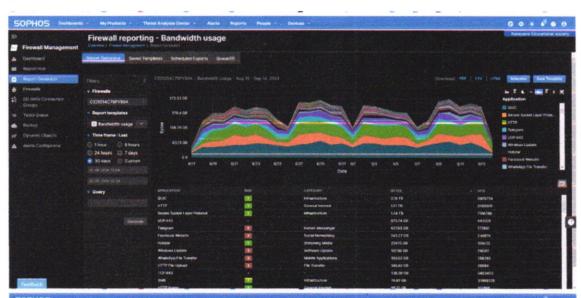








SOPHOS CENTRAL

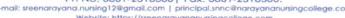












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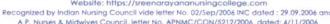
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4.4.2 LAN FACILITY WITHIN THE CAMPUS







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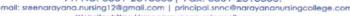






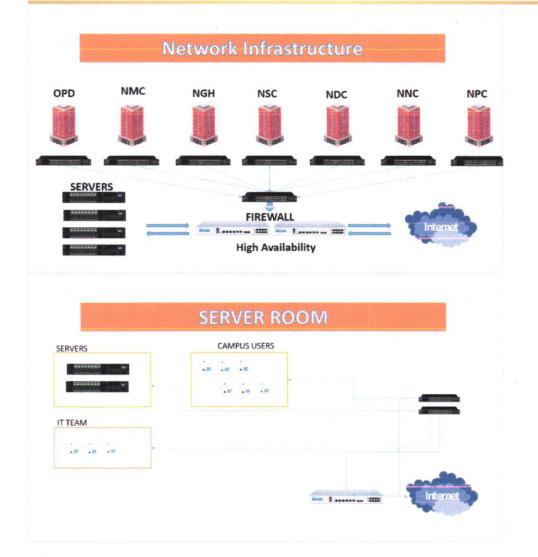


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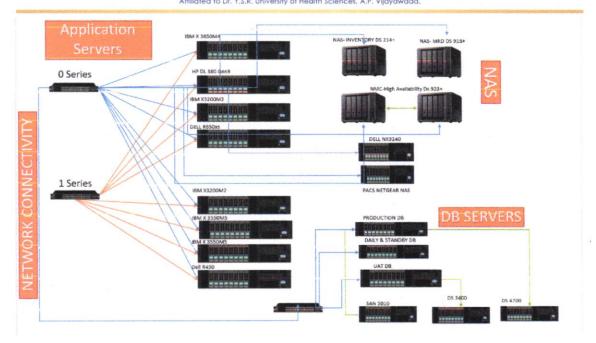




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