NARAYANA COLLEGE OF NURSING
Chinthareddypalem, Nellore - 524003. A.P.
Ph No: 0861-2317969 | Fax: 0861-2311968.
e-mail: narayana_nursing@yahoo.co.in | | principal.ncn@narayananursingcollege.com
website: https://www.narayananursingcollege.com

4.4.2: Document related to updation of IT and Wi-Fi facilities

The management of Narayana College of Nursing, 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:

Narayana College of Nursing, Nellore is equipped with advanced IT infrastructure and reliable computer connectivity to enhance the student learning experience. The campus is powered by a 1Gbps 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.

Narayana College of Nursing, 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

Dr. B...

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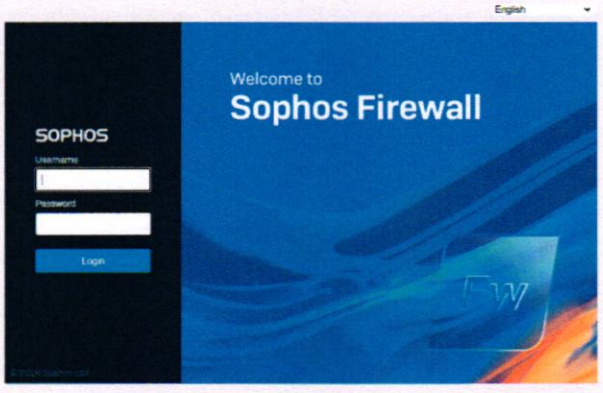
NELLORE - 524 003

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-Virus, Anti-Spyware, Anti-Spam, and Intrusion Prevention System (IPS).** 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



Dr. B...
Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem,
NELLORE - 524 003

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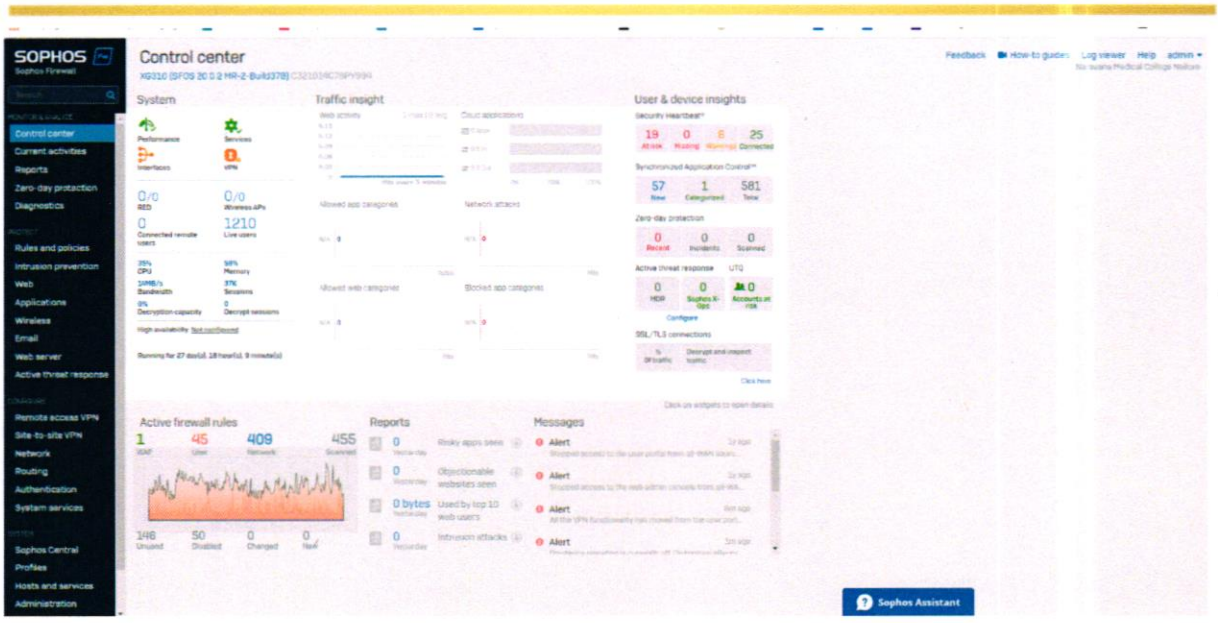

Dr. B. Anuradha
Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem,
NELLORE - 524 003

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website: www.narayananursingcollege.com || e-mail: narayana_nursing@yahoo.co.in

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Agreement Details

Relationship Summary FAQ

Agreement ID: 12541549	**Status:** Active	**Organization:** Narayana Medical College and Hospital
Parent Program: Open Value Subscription	**Start Date:** 2019-11-14	**Location:** Chintharedypalem
MBSA: Unknown	**End Date:** 2022-11-30	Nellore
Visual Studio Subscriptions: click here	**Renewal Date:** 2025-11-30	India

Offerings | Contacts | Licenses | Product Keys | Order Confirmations

Offerings

Offerings are grouped by license pool to show price level and Software Assurance Membership (SAM) eligibility for that pool.

License Pool	Level	Start Date	End Date	Status	Software Assurance Eligible
OVS OS	E	2019-11-14	2025-11-30	Active	Yes
OVS OS	NON	2019-11-14	2025-11-30	Active	Yes
OVS Products	E	2019-11-14	2025-11-30	Active	Yes
OVS Products	NON	2019-11-14	2025-11-30	Active	Yes

Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem

NARAYANA COLLEGE OF NURSING NELLORE 524 003

Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem,
NELLORE - 524 003.

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Chinthareddypalem, Nellore - 524003. A.P.

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Offerings | Contacts | Licenses | Product Keys | Order Confirmations

Order Details Return to Order Confirmations

Reseller: Redington India Limited **Reseller Order Number:** 8830048892

Part Number	Product Description	Quantity	License Count	Usage Country	Order Date	Usage Date	Customer Order Number
FYS-00001	IntuneOpenFclty ShrdSvr ALNG SubsVL OLV E 1Mth Acdmc AP	50	50	India	2019-11-18	2019-11-18	
54R-00141	MSImgnAcdmy ALNG SubsVL OLV E 1Mth Acdmc AP Srvcs	1	1	India	2019-11-18	2019-11-18	
53Y-00001	O365ProPlusOpenFaculty ShrdSvr ALNG SubsVL OLV E 1Mth Acdmc AP	50	50	India	2019-11-18	2019-11-18	
52Y-00002	O365ProPlusOpenStudents ShrdSvr ALNG SubsVL OLV NL 1Mth Acdmc Stdnt STUUseBnft	1000	1000	India	2019-11-18	2019-11-18	
H30-03429	PrjctPro ALNG LicSAPk OLV E 1Y Acdmc Ent w1PrjctSvrCAL	50	50	India	2019-11-18	2019-11-18	
359-05414	SQLCAL ALNG LicSAPk OLV E 1Y Acdmc Ent DvcCAL	50	50	India	2019-11-18	2019-11-18	
228-09538	SQLSvrStd ALNG LicSAPk OLV E 1Y Acdmc AP	1	1	India	2019-11-18	2019-11-18	
77D-00161	VSProSubMSDN ALNG LicSAPk OLV E 1Y Acdmc AP	1	1	India	2019-11-18	2019-11-18	
KWS-00359	WINEDUperDVC ALNG UpgrdSAPk OLV E 1Y Acdmc Ent	50	50	India	2019-11-18	2019-11-18	
9EM-00292	WinSvrSTDCore ALNG LicSAPk OLV 16Lic E 1Y Acdmc AP CoreLic	1	16	India	2019-11-18	2019-11-18	

Dr. B. Anuj
Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem

Principal
NARAYANA COLLEGE OF NURSING
Chintharedypalem

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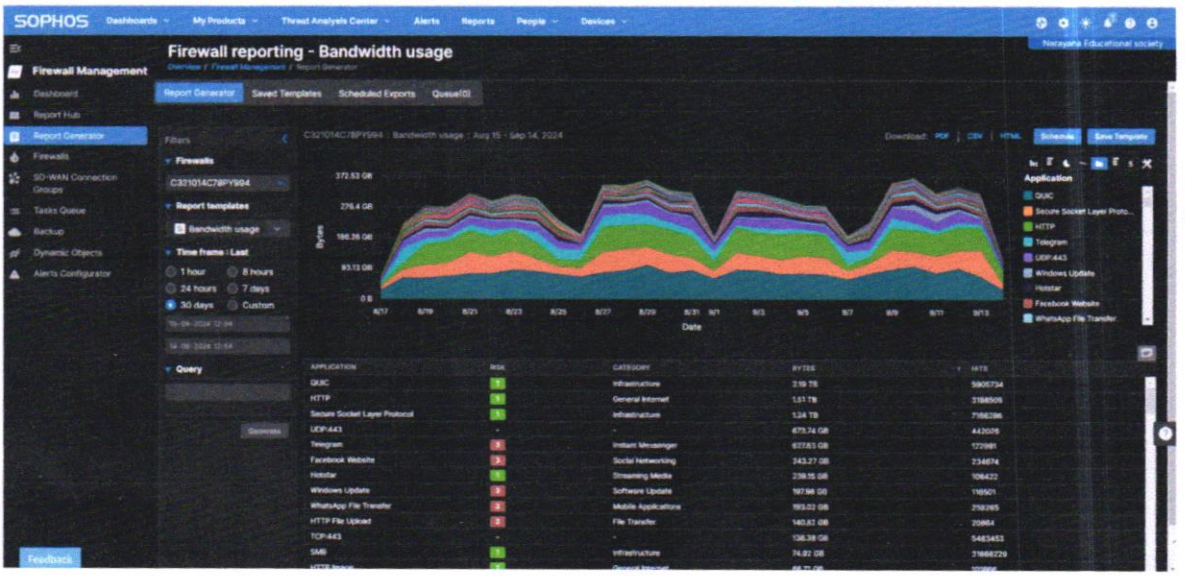
SOPHOS CENTRAL



Dr. B [illegible]
Principal
NARAYANA COLLEGE OF NURSING
Chinthareddypalem,
NELLORE - 524 003