INFORMATION
Criteria4 : Infrastructure and Learning Resources
Key Indicator : 4.4 Maintenance of Campus Infrastructure
Metric : 4.4.2
Metric Description : Institution frequently updates its computer availability for students and IT facilities including Wi-Fi

Describe computer availability for students and IT facilities including Wi-Fi with the date(s) and nature of updation within 500 words

University has five faculties: namely; Medicine, Dental Sciences, Nursing, Paramedical Sciences and Pharmacy. In total, 3000 plus students and 300 plus teaching faculty members.

University has got a network of computers and other digital devices for the digital solutions of the university academic and administrative affairs. University updates its IT infrastructure and IT facilities including Wi-Fi facility as per need, requirement and availability of the latest or updated hardware and software to keep itself updated and enriched with the latest.

The university has always given priority for up-gradation of IT facilities. University is regularly/ frequently updating its facilities not only at university level but also at department level. The description of the same is provided below:

Internet Connection: The University regularly updates the internet connection every year and as of now, the available internet bandwidth is 35 to 75 MBPS provided by Airtel ISP Gonetway. A second backup line by NKN is provided with bandwidth of 35 MBPS.

No. of computer Systems and their Configuration: University has a total of approx 200 plus computers with peripherals for students, faculties and staff and hospital HMIS (Hospital Management Information System). University having its own dedicated server and HMIS software facility established with the collaboration from CDAC (Centre for Development of Advanced Computing), Noida. HMIS was inaugurated on August 25, 2023 which promises to revolutionize the way patients manage their payments within the university's medical facilities. This initiative aligns with the university's commitment in providing world-class healthcare services while embracing innovation. This is the journey of UPUMS digitization powered by e-Sushrut's HMIS. Its main objective is to provide healthcare services to the patients by leveraging computing technology at low cost in the health sector. This solution has digitized the clinical and back office workflows of registration, emergency, OPD, ADT, Laboratory Investigation System, Pharmacy, Medical records departments of the health facilities in UPUMS. Database of such records can be utilized for statistical requirements/ analysis and for research too.

University has implemented Manav Sampada also for the leave and service record management. Also, Finance department is utilizing the services of the salary management software for the salary related issues of the University.

Firewall/Security: University uses firewall service from Sophos-XG and the support license for the security solutions of the server data and database.

Networking Peripherals: University network has got networking switch which has been provided by DLINK as well as CISCO of speed 1 GBPS.

The audio-visual setup enables the university to often arrange conduct workshops conducted by departments and UP Govt. and DGME (Director General of Medical Education, UP Govt.) office via video conferencing. Also, the various important meetings like Executive Council, Academic Council and Finance Committee meetings as well as other important meeting related to UGC, NIRF and NAAC are usually been conducted through ICT enabled Council Room. The infrastructure equipment of ICT /audio-visuals is being upgraded on regular basis.

University furthers in the process of campus wide CCTV installation, presently covering important areas like hostels etc. Tender of leased line bandwidth of 1GBPS has been floated and soon agency will be deployed for the same.

Computer availability for students & IT Facilities including internet/Wifi are present in the Lecture Halls/ Seminar halls and various labs of the department as well as in the Auditorium and Trauma Centre Seminar Hall. More than 10 Desktop Computers with LAN infrastructure and internet facility have been installed in the Computer Lab for the IT related teachings of the Nursing students and similarly more than 22 desktop computers have been provided for the IT skills upgradation of the Pharmacy Students in their computer lab. For Medical students, there is a facility of Desktop Computers and Internet with ICT facilities like projector, Interactive White Board, in their classrooms as well as in their Central library to access and enhance their computer skills, etc.

Hence, University is ready for the complete digitalization, although the partial digitalization has already been done.

Details	Supporting Documents
Documents relating to updation of IT and Wi-Fi facilities	View Document
Any other relevant information	View Document