President :
Shri. Amrishbhai R. Patel
M.L.C.

Principal :
Dr. S. B. Bari
M.Pharm. Ph.D., D.I.M.F.I.C.

Criterion 4 - Infrastructure and Learning Resources

Key Indicator 4.3 - IT Infrastructure

Metric No. 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

In today's competitive educational environment, the institute is dedicated to equipping students and faculty with advanced IT facilities to meet the growing demand for technically skilled professionals. The campus is supported by high-speed Wi-Fi with a bandwidth of 200 Mbps, ensuring a seamless teaching-learning experience. Smart boards are integrated into classrooms to enhance instruction, facilitate information sharing, and optimize the overall learning process.

The computer lab is equipped with 104 computers, each running the original Windows OS, maintaining a student-to-computer ratio of 8.8. This provision ensures easy and efficient access to IT resources, fostering an interactive and technology-driven learning environment. For scanning and printing needs, the institute offers five scanners-three from Epson, one HP Scanjet Pro3000, and one Canon scanner. Additionally, there are 11 printers, including HP1020, HPM1005, Epson L210, and Epson L220 models, strategically placed to meet the needs of both faculty and students.

The IT infrastructure is powered by an advanced HPE DL360 Gen9 (861541-375) 1U Rack Server, equipped with an Intel Xeon E5-2600 v3 & v4 processor, operating at 1.7 GHz. The server supports RAID 5, RAID 10, and RAID 1 configurations, ensuring high data availability, reliability, and performance. It also features a Dynamic Smart Array B140i controller for robust SAS connectivity, operating in either HBA mode or simple RAID mode. The campus network is built on Cat 6 cables, providing a data transfer speed of up to 1 Gbps to support smooth and uninterrupted communication. To safeguard the network from malware and viruses, the institute deploys Quick Heal Endpoint Security across all PCs, with antivirus software updated every three years.

The Shirpur Education Society's
H. R. Patel Institute of Pharmaceutical Education and Research
NBA reaccredited B.Pharm Programme [2022-2025] : NAAC Accredited with 'A' Grade
"Serving Nation's Health"
Karwand Naka, Shirpur - 425405, Dist : Dhule (MS).
(02563) 257599, 9049032111, 9850223277
@ http://www.hrpatelpharmacy.co.in principal@hrpatelpharmacy.co.in, registrar@hrpatelpharmacy.co.in

President :
Shri. Amrishbhai R. Patel
M.L.C.

Principal :
Dr. S. B. Bari
M.Pharm. Ph.D., D.I.M.F.I.C.

To enhance campus security, 34 surveillance cameras, specifically DH-IPC-HDPW1230R1P-S4 (3.6mm) 2MP Indoor Night Vision Dome Cameras, are strategically installed. These cameras feature 2.0 Megapixel CMOS sensors, Analog HD output, up to 1080P resolution, True Day/Night functionality, Smart IR, and a 20m IR range, ensuring comprehensive monitoring and safety across the campus. The language lab, designed to develop students' communication skills, is equipped with 20 systems running licensed "Words Worth English Language Lab" software. This facility is further enhanced with a wide range of audio-video learning materials, offering a comprehensive language-learning experience.

Information dissemination and communication with students, alumni, and faculty are facilitated through various channels, including the college website, WhatsApp groups, and a YouTube channel, ensuring timely updates on institutional activities and developments. Regular system backups are conducted every three months to maintain data integrity, and both Windows and antivirus software are periodically updated.

An IT consultant monitors LAN and network connections, ensuring overall system stability and security. The high-configuration server enables efficient data transmission across all PCs, ensuring smooth operational workflows and information sharing. The desktop computers operate on Windows 8.1, offering a familiar and stable user experience. The institute regularly updates office automation software like MS Office and antivirus suites to protect against security threats. Additionally, virtual communication platforms such as MS Team are readily available, enabling online meetings and fostering a dynamic and flexible collaborative environment.

Through its commitment to maintaining and upgrading IT infrastructure, the institute ensures a robust, secure, and future-ready environment for teaching, learning, and research.

PRINCIPAL
H.R Patel Institute of Pharmaceutica
Education & Research
Dhule(M.S) 425 405

The Shirpur Education Society's
H. R. Patel Institute of Pharmaceutical Education and Research
NBA reaccredited B.Pharm Programme [2022-2025] : NAAC Accredited with 'A' Grade
"Serving Nation's Health"
Karwand Naka, Shirpur - 425405, Dist : Dhule (MS).
(02563) 257599, 9049032111, 9850223277
@ http://www.hrpatelpharmacy.co.in principal@hrpatelpharmacy.co.in, registrar@hrpatelpharmacy.co.in