



CHOITHRAM COLLEGE OF NURSING

Accredited by NAAC, Affiliated to INC, MPNRC Bhopal, MPMSU Jabalpur
Choithram Hospital & Research Centre Manik Bagh Road, Indore 452014 (M.P.)



● Phone: 0731-2362491 to 99, ● Ext. No.: 407/578
● Principal: +91-731-4939909

E-mail : cconursing@yahoo.co.in, choithramoffice@gmail.com
Webiste : www.choithramnursing.com

4.4.3: Available bandwidth of Internet connection in the institution

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Details of available bandwidth of Internet

Introduction

In today's digital age, robust internet connectivity is crucial for the seamless functioning of academic and administrative activities. At Choithram College of Nursing, we recognize the importance of reliable internet access in enhancing the learning experience and operational efficiency.

Current Bandwidth Details

The institution has a dedicated internet bandwidth of 1 Gbps, provided through Airtel broadband plan in the college. This high-speed connection ensures that our students, faculty, and staff have uninterrupted access to online resources and communication tools. Apart from that a separate internet connection of 40 Mbps is available from the hospital in case of emergency server malfunctions. To ensure smooth functioning of the institution.

Total PC	Available Bandwidth Plan	Service Provider
75	Primary 1 Gbps	Airtel [college]
	Secondary 40 Mbps [backup]	Airtel [Hospital]

Distribution of Bandwidth

- **Academic Blocks:** The bandwidth is distributed across two college buildings, ensuring that classrooms, laboratories, library and faculty offices have sufficient connectivity to support e-learning, research, and digital collaboration.
- **Hostel Buildings:** Three hostel buildings are equipped with high-speed internet to ensure that students have continuous access to online resources for study and leisure.
- **LAN and Wi-Fi Connectivity:** All buildings, including the academic and hostel buildings, are equipped with both LAN and Wi-Fi connections, providing flexibility and convenience for users to connect their devices.





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Infrastructure and Technology

The internet infrastructure is supported by high-capacity routers and switches from leading brands, ensuring reliable connectivity across the campus. Wireless Access Points (WAPs) are strategically placed to cover all academic and residential areas, providing strong and consistent Wi-Fi signals. Additionally, backup systems and redundancy measures are in place to maintain connectivity during outages.

Usage and Management

Internet usage is carefully monitored and managed to ensure optimal performance and fair distribution. Bandwidth management tools are employed to prioritize academic and administrative activities which are maintained and coordinated by the IT department of Choithram Hospital and Research Centre. Security measures, including firewalls and antivirus software, protect the network from cyber threats are also timely updated. Our dedicated IT support team is available to address any technical issues promptly.

Impact on Academics and Administration

The high-speed internet connection at Choithram College of Nursing supports a range of academic and administrative activities. Online learning platforms and digital libraries, such as the National Digital Library of India (NDLI), are readily accessible to students and faculty. Research activities benefit from seamless access to online journals and databases. Administrative efficiency is enhanced through the use of online management systems and communication platforms.

IT In-charge



Principal