



REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

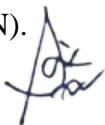
The college's IT infrastructure is expertly managed by qualified and seasoned experts, who are supported by a skilled staff of Network and System Administrators. The IT infrastructure's main goal is to provide sophisticated and dependable hardware provisions, software solutions, and network support. This enables the safe management of many areas inside the institution, such as academics, administration, examinations, and research-related projects. The IT infrastructure has served as the core centre for all networks and application requirements from its beginnings, skillfully supervising and managing these critical components.

The institution provides a variety of IT services, including:

- Desktop computers in each department
- Wi-Fi internet coverage across the campus
- Desktop integration into the Campus Network
- Deployment of Uninterrupted Power Supply (UPS) for all computer systems to prevent interruptions
- Installation of printers in all departments for simple document printing Access to a dedicated server
- Provide individual Email IDs for all workers via the college domain
- Implement ERP Modules (IFW) to permit online admission, online exams, and online fee payments, among other features.

The Wi-Fi network has a strong bandwidth of 500 Mbps, which ensures fast and consistent access. This service is available across the college campus, allowing students and faculty members to connect to the internet from any location on campus. This simplifies a variety of activities, including email communication and smooth document transfers. Furthermore, it encourages students to take an active role in new initiatives, lectures, and contests. With this complete internet connection, students are able to improve their technological abilities, successfully preparing them for their future endeavors.

Independent Configuration: The institution operates as a separate entity, with its own computer systems. Nonetheless, these separate devices are joined together by a Local Area Network (LAN).


Principal
Regent Education & Research Foundation
Bara Kanthalia, P.O -Sewli Telinipara
Barrackpore, Kolkata- 700121

Campus : Regent Education & Research Foundation Group of Institutions

E-mail : rerfkolkata@gmail.com, Website : www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore
P.O: Sewli Telinipara, P.S.: Titagarh
Kolkata - 700 121
Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresh Guha Street
7th Floor, Kolkata - 700 017
Tel.: 033-3221-3013



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Advanced LAN Configuration: The College has a robust Campus LAN that is both wired and wireless, forming a hybrid LAN. This configuration provides extensive connection across the campus, incorporating both Wi-Fi and wired LAN access points.

Wireless Connectivity: Wi-Fi is available across the campus, guaranteeing wireless connectivity.

Licensed Software: In compliance with the university's curriculum standards, the bulk of software used is licensed. While a few open-source software applications are used, the majority of educational demands are met by licensed software. The licensed software in use is listed below.


1. Windows 10
2. PSIM 9.0
3. Windows Server edition; MS Exchange Server
4. Visual Studio Pro including Visual Basic
5. Oracle 10G under Windows 7
6. MSOffice
7. AutoCAD
8. Matlab

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 4:1

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 410


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