**4.3.1 - Institution frequently updates its IT facilities**

 **and provides sufficient bandwidth for internet**

 **connection**

 The Institute has established well IT infrastructure and upgrading it regularly to integrate it into teaching, learning , evaluation and administrative processes to make it easy, user friendly and transparent.

* All the classrooms are well –equipped with LCD projecter with CPU and internet Wi-Fi connectivity with 100 MBPS speed that covers the entire campus premises.
* Licensed and open licensed software are used for academic requirements
* The latest software like MATLAB for students of mathematics subject, SOUL 3.0 software for easy access of resources in the library, Tally erp 9 software for accounting and Payment , erp.admissiontrack.in for online admission are used to make administrative work easy.
* In the administrative office all the staff facilitated with computer, printer, scanner , LAN internet connectivity.
* The central library is facilitated with computers, printers, photocopier and internet connection.
* INFLIBNET N-list Membership is provided to each faculty member for easy access e-resources like e-journals and e-books.
* An informative and Dynamic Website is created by the college which includes admission details, syllabus, examination, feedback, scholarship etc.
* The Government Provided 100 Mbps Internet Facility under NAMO WiFi Scheme for Students and the college has also taken GTPL Wi-Fi connection with 50 MBPS.
* Computer, printer and internet facility is provided to each Department and Staff room to make teaching –learning easy and to prepare PPT presentation as and when required.
* In Career Guidance Center (SSIP centre) computer LAN, internet connection, printer, photocopier facilities are available for the students.
* The Research Laboratory of chemistry is facilitated with computers and internet connection.
* All the Class Rooms and Library reading room are well equipped with LCD projectors and internet connectivity.
* Laptop and Internet facility is provided to Principal, Vice-principal and IQAC Coordinator for data portability.

**Computer Lab:**

* The Mathematics Computer Laboratory and The Digital Educational Learning Laboratory (DELL) are developed with the help of state Government having the facility of server, 25 computers in each Lab with LAN, MATLAB software and Internet Facility.
* Computer lab is well-equipped with branded PC's adequately supported by 40 Mbps Broadband line for internet connectivity. A wide range of system software and application software are used in the computer lab. The entire Lab is connected with LAN. Computer labs are well connected to the internet help students and faculty to carry out their academic and other work. Computer assistant is provided to support students and faculty to solve their queries.

**Wi-Fi facility**:

 The College also provides free NAMO Wi-Fi 40 Mbps speed for students

 and faculty to make maximum use of internet in their education. Teachers

 also use Wi-Fi to make teaching more interesting. The library and computer

 lab are equipped with Wi-Fi.

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Name of claas rooms? Seminar Hall with LCD /WiFi/LAN Facility | Type of ICT Facility | Link for Relavant Docs |
| 1 | Theatre 1 | LCD Projector with CPU  | [Photo ICT](Photo%20ICT) |
| 2 | Theatre 2 | Smart board with LCD Projector and CPU |  |
| 3 | Room No 17 | LCD Projector with CPU |  |
| 4 | Room No 18 | LCD Projector with CPU |  |
| 5 | Room No 20 | LCD Projector with CPU |  |
| 6 | Room No 22 | LCD Projector with CPU |  |
| 7 | DEL Class Room | LCD Projector with CPU |  |
| 8 | Seminar Hall | LCD Projector with CPU |  |
| 9 | UG Physics Class Room | LCD Projector with CPU |  |
| 10 | M Sc Botany Class Room | LCD Projector with CPU |  |
| 11 | DEL Class Room | LCD Projector with CPU |  |
| 12 | Library Reading Room | LCD Projector with CPU |  |
| 13 | SSIP Room | LCD Projector with CPU |  |
| 14 | Conference Room | LCD Projector with CPU |  |

**4.3.1 Student-computer ratio**

4.3.2.1 Number of computers available for student usage during the latest

 completed year : 95

4.3.2.2 Number of students during the latest completed year:

Ratio = No. of students/No.of computers

=

|  |  |  |
| --- | --- | --- |
| No. | **Place** | **No. of Computers** |
| 1 | **Principle's Office** | 3 |
| 2 | **Admin office** | 4 |
| 3 | **Seminar Hall** | 1 |
| 4 | **Library --Desktop + All in one Lenovo (2)** | 7 |
| 5 |  **Library Reading room**  | 2 |
| 6 | **Theator Room 1 (Ground Floor)** | 1 |
| 7 | **Theator Room 2 (Ground Floor)** | 1 |
| 8 | **Room No 20 (First Floor)** | 1 |
| 9 | **Room No 21 (Second Floor)** | 1 |
| 10 | **Room No 23 (Second Floor)** | 1 |
| 11 | **Comp. Lab Room No 19**  | 47 |
| 12 | **Dell Lab**  | 26 |
| 13 | **Botnay Lab**  | 2 |
| 14 | **Botnay Department** | 2 |
| 16 | **Physics Dept** | 1 |
| 17 | **Physics Computer Lab** | 6 |
| 18 | **Chemistry Dept.** | 2 |
| 19 | **Chemistryresearch Lab** | 1 |
| 20 | **Maths Department** | 1 |
| 21 | **Micro Departmet** | 2 |
| 22 | **SSIP** | 1 |
|  | **Total**  | **113** |