

### **4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

College continuously strives to provide state-of-the-art technologies and update its ICT facilities to ensure efficient functioning. Extensive infrastructure has been setup during the last five years: The college has developed IT facilities to meet the Learning requirements of students and faculty. Some of the facilities are discussed below

#### **Computer**

#### **Lab:**

The College has three computer labs consisting of 148 computers with Internet connectivity for the purpose of use by the students and teachers. All the software which meet the requirements as per the curriculum is installed, and they are updated as and when required. The maintenance of the computers is done by the technicians as and when required. Software like Java, C, C++, SQL and Tally are installed in the computer labs (BCA and B.Sc. (CS)).

#### **Digital Library:**

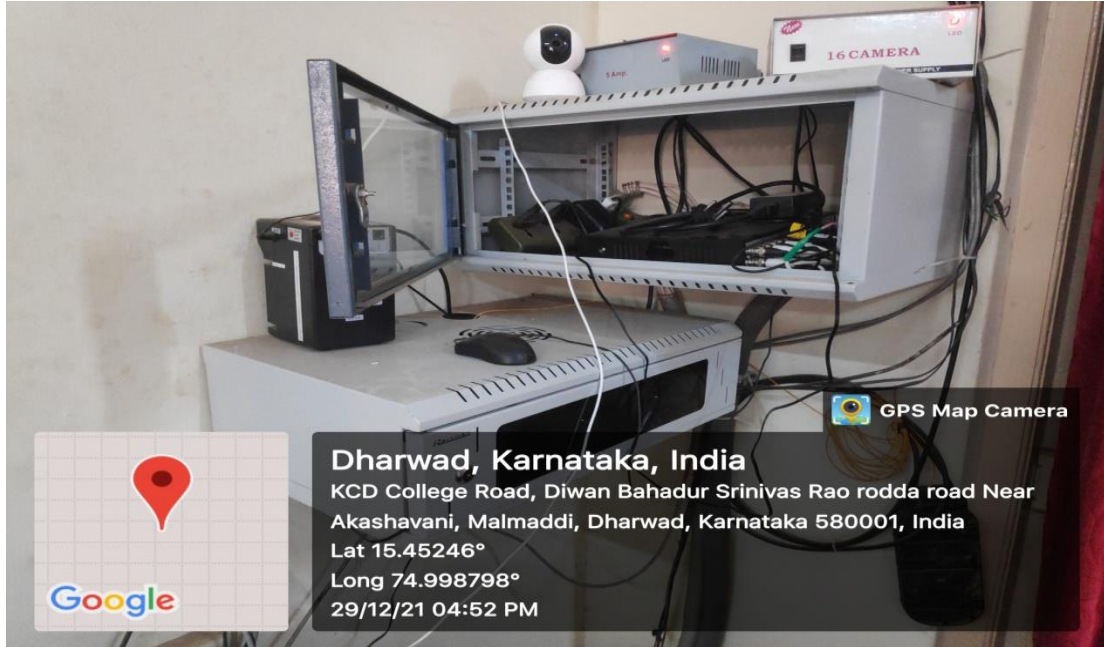
In the college, digital library has been established with 13 computers. Four computers are dedicated exclusively for the students with visual disability. Library has ELIB and OPAC software. Institute has upgraded Internet connectivity to 300 Mbps speed.

**College Campus & Department IT facility** - All the departments in the college have smart class rooms, which have been fully furnished with ICT facilities like projector, personal computer attached with projector and smart boards. There are 28 CCTV cameras installed in the entire campus area of the college, including classrooms, to monitor the teaching -learning activities and to provide security to the students and the staff, for the prevention of untoward incidents.

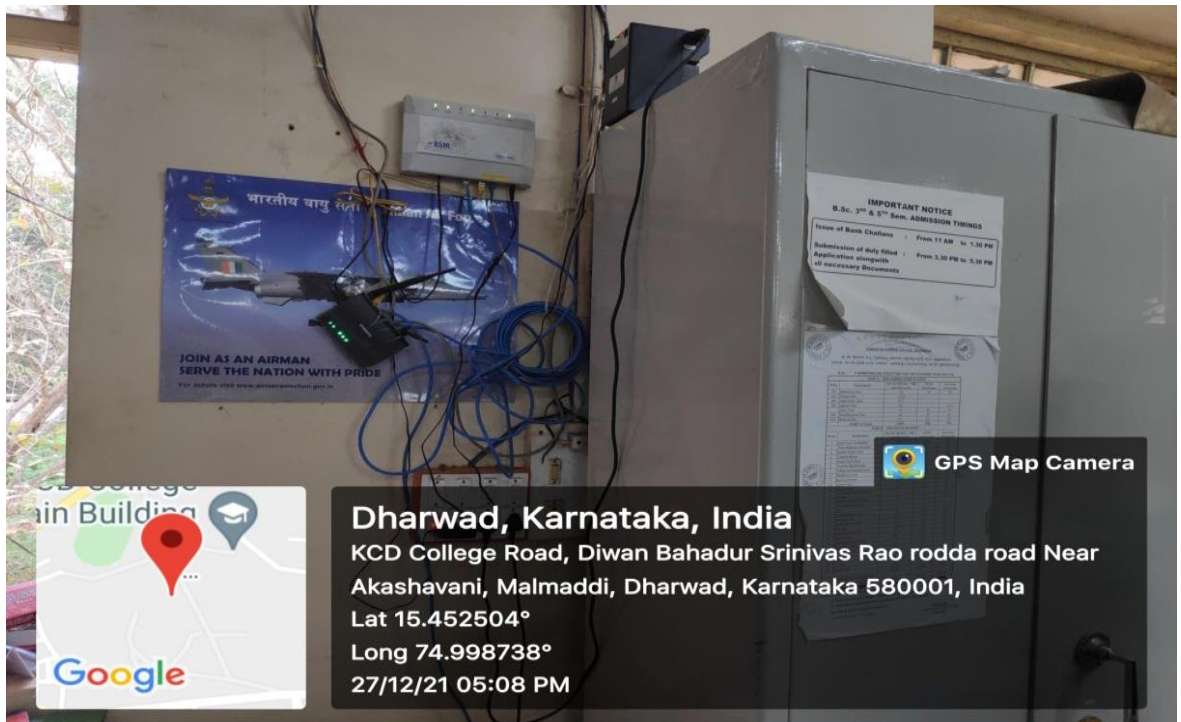
College has a well-equipped seminar hall enabled with ICT facilities, with sound system (like mike, amplifier and speakers) and internet connection. The whole campus of the college has Wi-Fi and LAN facility with a speed of 300 Mbps. The college website is monitored and updated from time to time by the Web Coordinator in association with external agencies of the college. Most of the departments have computers with Internet facility via Wi-Fi for the preparation of power point presentations as teaching-learning mode and the same facility is extended to the research scholars of all the departments. For maintenance, repairs/servicing of computers, Internet Wi-Fi networking, installation of software and maintenance and

upgradation of hardware is done by technical staff as the same facilities are on Annual Maintenance Contract (AMC).

### IT FACILITIES INCLUDING WI-FI in College



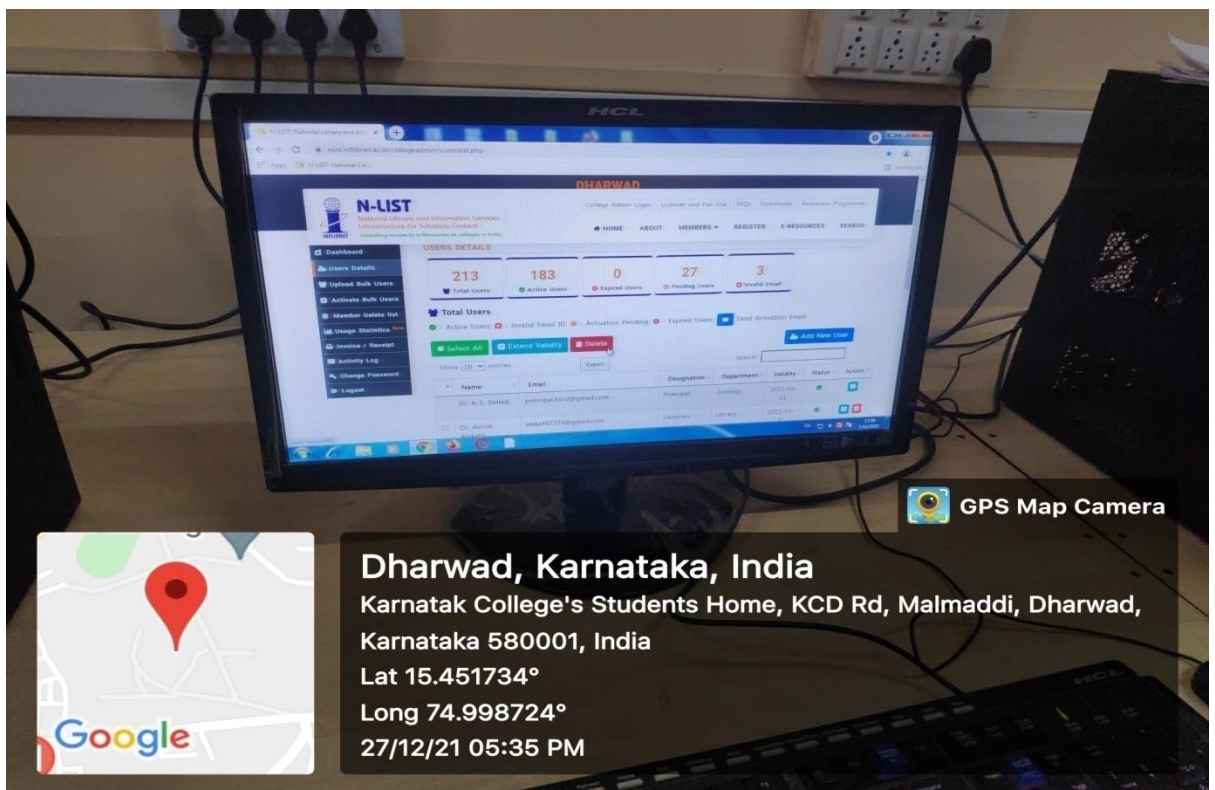
### IT FACILITIES INCLUDING WI-FI in Central Library



## LAN facility in the Digital Library



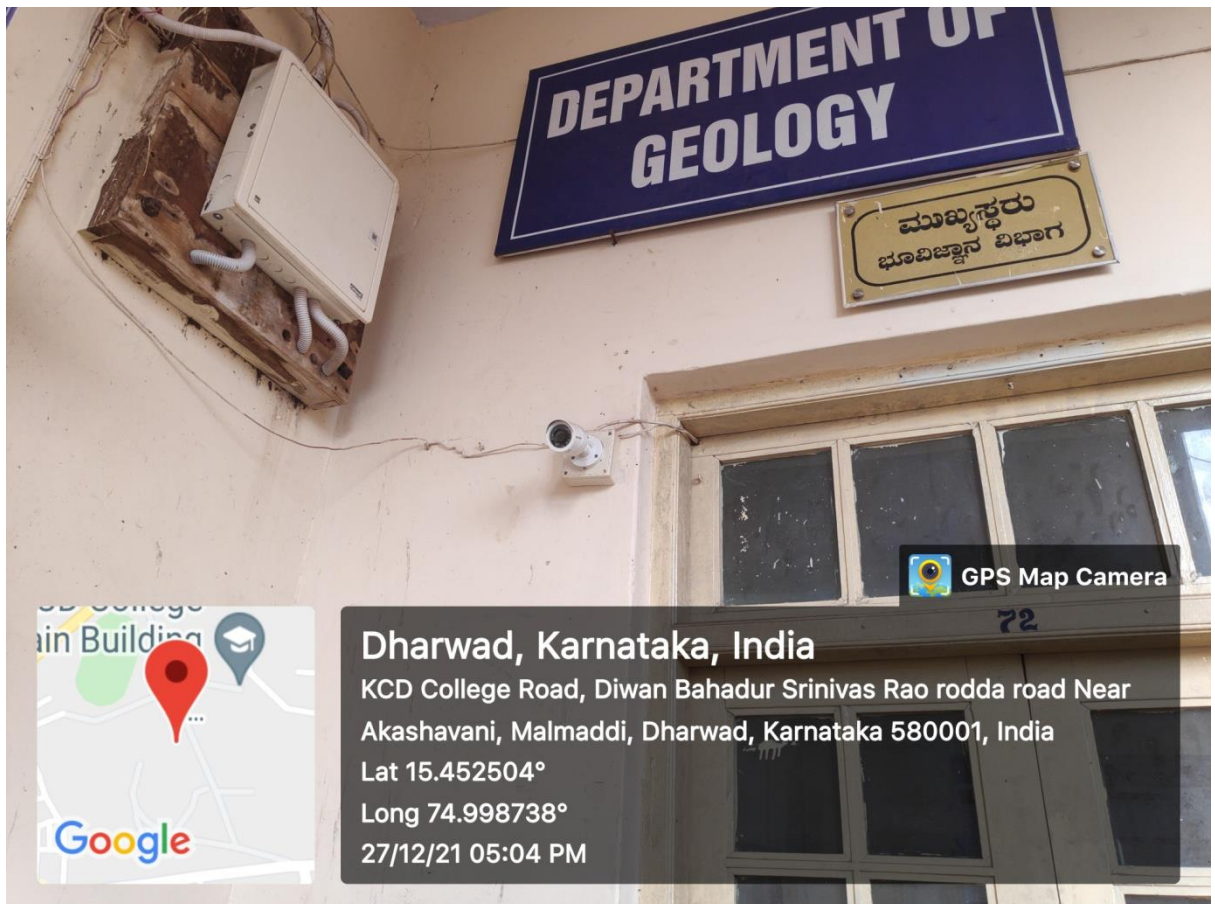
## N-List search engine



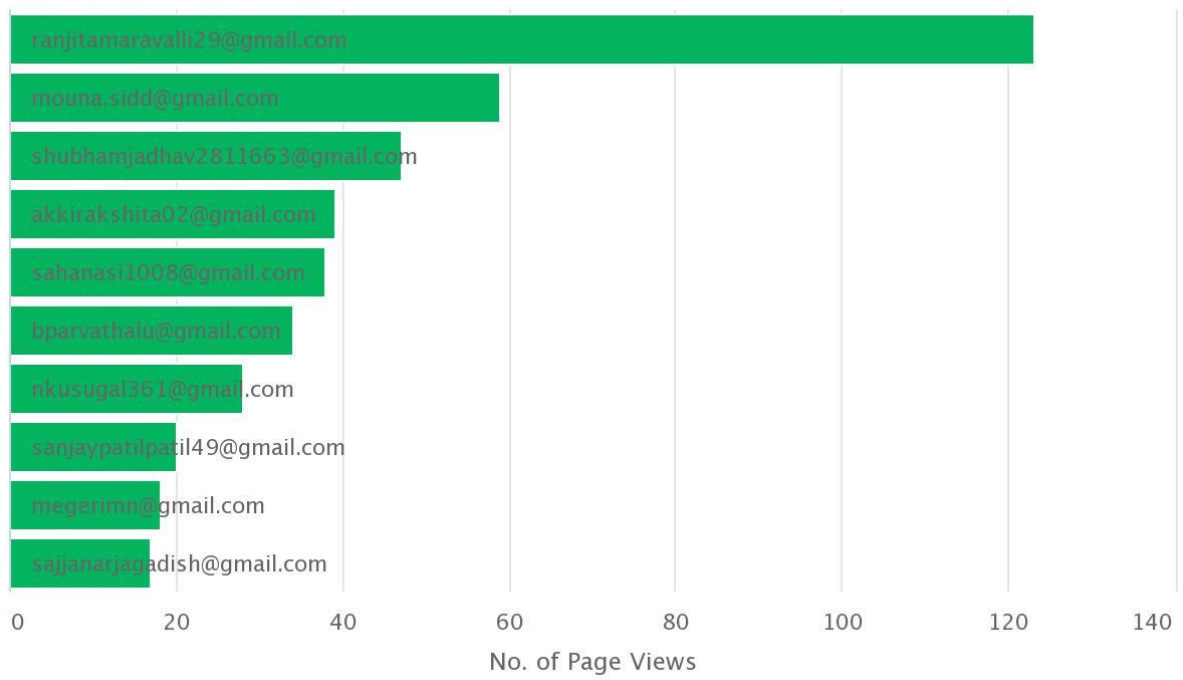
## Students browsing e-content from INFLIBNET



## CCTV servelance Geology Department Corridor



## N-List users



## Month wise N-List users



  
Principal  
Karnatak Science College  
Dharwad.