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4.3.1: Institution frequently updates its IT facilities including Wi-Fi

INFORMATION TECHNOLOGY FACILITIES

(i)   Computers/Laptops: The college has several committees like Information Technology Management Committee, College Website Management Committee and Library Management Committee for updating and smooth functioning of the IT infrastructure.   The IT policy/regulations in respect of usage of IT facilities such as Wi-Fi, Cyber security and Legal IT infrastructure, standards procedures for, copyrights and its infringements are followed. The college augmented its basic Information Technology infrastructure periodically by introducing advanced technological support system higher versions and other multitasking and multiprogramming environments. There are 252 computers available in college. The computers procured under various standard branded companies like DELL, HCL, IBM, LENOVO, HP, LG etc., In accordance with the changes in curriculum of Karnatak University Dharwad, College continuously strives to provides state-of-the-art technologies and update its ICT facilities to ensure efficient functioning. Some of the facilities are as follows.

S.N	Particulars	Status
1	Number of computers with configuration.	252
2	Computer student ratios	1:9 (BCA & B.Sc (C.S)
3	Stand Alone facility	-
4	LAN facility	Yes
5	Wi-Fi facility	Yes
6.	Licensed software	Yes
7.	Number of nodes with internet facility	
8.	Digital Library	ELIB and OPAC software etc.,
9.	Institute has upgraded Internet connectivity	To 300 Mbps speed.
10.	CCTV surveillance	28 CCTVs are fixed in various class rooms, prime points in the campus
11.	Class rooms/ Seminar Hall with ICT Updation	LCD projectors are fixed with Internet connections
12.	Public address system	Adequate facilty provided including Amplifier, Sound system etc.,

IT-INFRASTRUCTURE

4.1.3 Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

Department/Section	Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	Type of ICT facility
Botany	B1 and B2	B1 Smart class (LCD) BSNL optical fibre FTH-LAN/wifi
BCA	BCA1, BCA2, BCA3, BCA4 and BCA5	BCA4 and BCA5 Smart class (LCD) BCA1, BCA2, BCA3, BCA4 and BCA5 BSNL optical fibre FTH-LAN/wifi
Chemistry	C1, C2, C3 and C4	C1, C3 and C4 Smart class (LCD) BSNL optical fibre FTH-LAN/wifi
Biotechnology	C2	C2 Smart class (LCD) BSNL optical fibre FTH-LAN/wifi
Criminology and Forensic Science	Lombroso and Southerland	Lombroso Smart class and Southerland LCD BSNL optical fibre FTH-LAN/wifi
Electronics	C2	C2 Smart class (LCD) BSNL optical fibre FTH-LAN/wifi
Genetics	G4 and G5	-
Geology	79	79 Smart Class BSNL optical fibre FTH-LAN/wifi
Geography	G1, G2, G3, G4, G5 and G6	G6 Smart class BSNL optical fibre FTH-LAN/wifi
Industrial Fish and Fisheries	Z4	Z4 Smart Class BSNL optical fibre FTH-LAN/wifi
Microbiology	Z2, D1 and Fish lab with LCD	Z2 Smart Class, Fish Lab with LCD BSNL optical fibre FTH-LAN/wifi
Physics	P1, P2 and P3	P1 Smart Class BSNL optical fibre FTH-LAN/wifi
Zoology	Z1 and Z2	Z2 Smart Class (LCD) BSNL optical fibre FTH-LAN/wifi
M.Sc Botany	B1	B1 Smart class (LCD) BSNL optical fibre FTH-LAN/wifi
M.Sc Chemistry	C5	C5 Smart Class (LCD) BSNL optical fibre FTH-LAN/wifi
M.Sc Mathematics	LH2 and new PG building, PG1 and PG2	-
M.Sc Physics	P1 and P2	P1 Smart Class BSNL optical fibre FTH-LAN/wifi

(ii) Computer Lab:

The College has three computer labs consisting of **252** computers with Internet facility to facilitate the students and teachers. Software like Java, C, C++, SQL and Tally are installed in the computer labs (BCA and B.Sc. (CS)) as per the curriculum, and they are updated and maintained by the technicians as and when required.
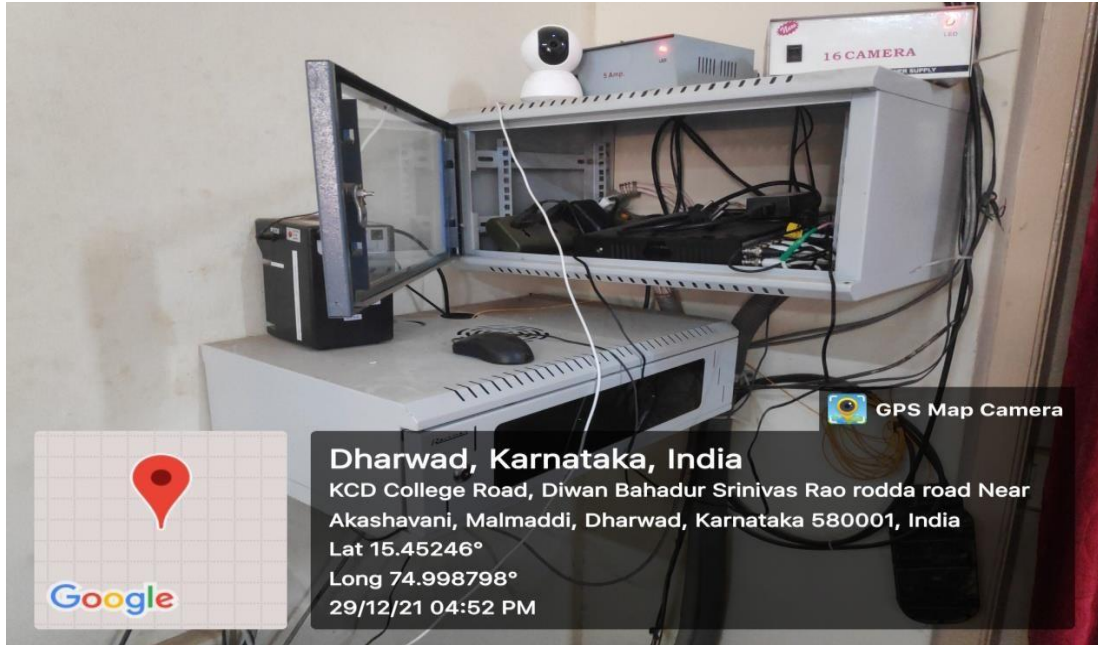
(iii) Digital Library:

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.

(iv) College Campus & Department IT facility –

All the departments in the college have smart class rooms, with fully furnished ICT facilities like LCD projector, Wi-Fi, personal computer connected with projector and smart boards. There are 28 CCTV cameras installed in the entire campus area of the college, including classrooms, to monitor the activities. The College has well-equipped seminar halls with ICT facilities including 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 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.

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

IT FACILITIES INCLUDING WI-FI in College

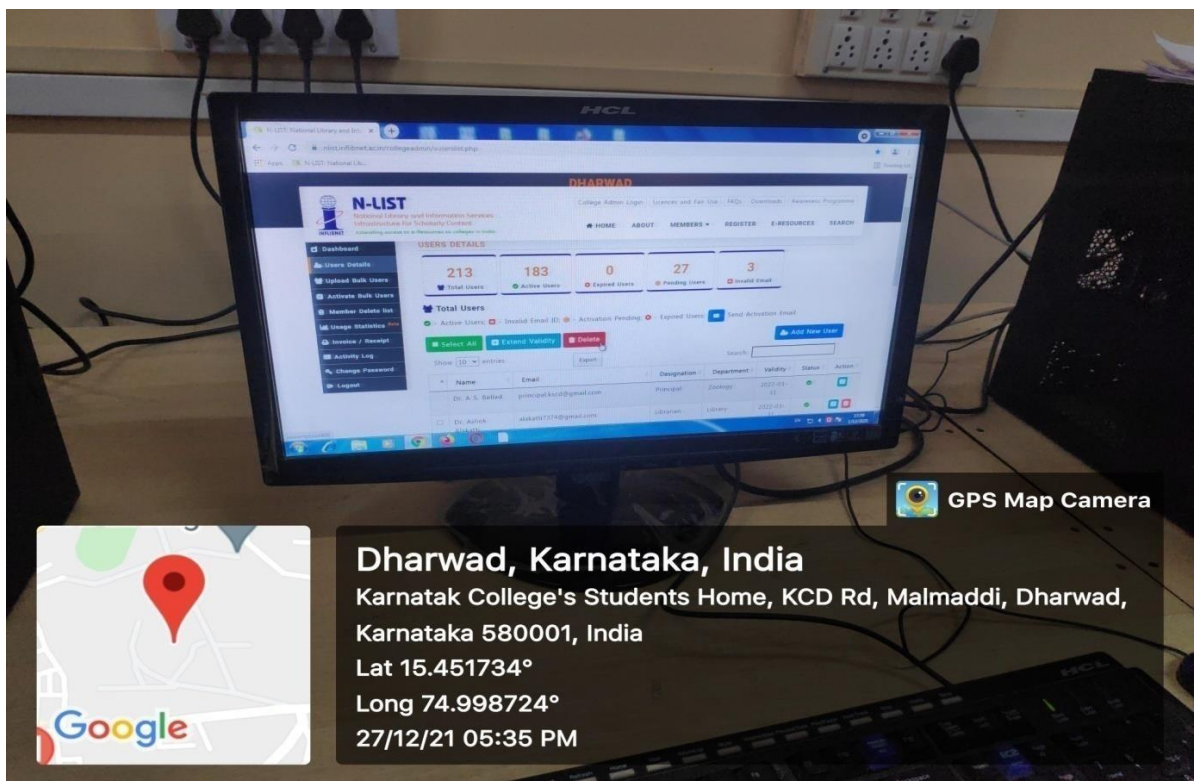### IT FACILITIES INCLUDING WI-FI in Central Library

LAN facility in the Digital Library

N-List search engine

Students browsing e-content from INFLIBNET