

KLE Society's Institute of Dental Sciences, Bengaluru

Details of ICT – Enabled Tools used for Teaching and Learning

All the faculty and students use the e – contents through laptops, desktops, tablets and mobile phone apps for teaching- learning in addition to referring to the physical text books and e- journals.

- Desktop and laptops
- Projector
- Digital cameras
- Printer
- Photocopier
- Tablets
- Pen Drive
- Hard disks
- Scanners
- Microphones
- DVDs and CDs
- Videos of clinical procedures
- Intraoral camera
- Intraoral scanners
- Digital planning softwares
- Online open access e- resources
 - **Digital Library of our institution is linked to Helinet of RGUHS**
 - The Digital Library initiative at RGUHS is first of its kind in the country in promoting e-learning culture and e-readiness preparedness for accessing huge amount of scholarly

international Medical e-journals and e-books. With the State-of-the-art infrastructures, RGUHS developed the Digital Library and information centre for identifying, procuring, storing, processing, disseminating the Scholarly information resources in the field of Health Sciences by minimizing the cost of recurring expenditure in the libraries of affiliated colleges and conceptualized the Health Science Library and Information Network HELINET for seamless access to world class Health Science Literature and Information resources, round the clock to the students, teachers and researchers in all the affiliated colleges of RGUHS. In the year 2003, HELINET consortium has been established by the Digital Library to provide core international e-journals, e-books and databases to all the colleges. The major benefit of this consortium was expanded access to core international e-journals. The Digital Library and Information Centre of RGUHS provides access to more than 7000+ online Bibliographic Database of PG dissertations, 6500 Digitized UG & PG courses, Previous Years Examination Question Papers.

Softwares – the faculty and the students are well versed with the use of softwares.

Dolphin imaging software- for diagnosis and treatment planning of complex orthodontic problems

CS3D and other software- for interpretation of CBCT images.

RVG software – for periapical radiographs

Open access photographic softwares – Photoscape, Image J software, Adobe photoshop, Fastone image viewer,

Open access e - resources are used frequently by all the students and the faculty.

Chat GPT

Google forms

Google docs

Apps used for teaching

Discussions on various apps – WebEx meetings, Whatsapp groups, Kahoot.com app

Sharing of study material (Ppts and videos)

Sharing of study material (Notes)

Videos of practical demonstrations via Whatsapp

Test questions (as assignment and discussions)

MCQs (Tests)

Online quiz – Google forms , Kahoot app

Discussion of mock examination papers and feedback

E – posters competition

Digital Photography competition

Short movie making using digital cameras

Apps used for hosting and attending live webinars

Several faculty members were the invited guest speakers for various International and national live webinars. Live webinars were also attended by the faculty and the students thru various apps, Microsoft team, Gotowebinar, Zoom , Webex meetings etc.