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CRITERION 4 - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning, viz., classrooms, laboratories, computing equipments, etc

Response :

4.1.1 The institution has adequate facilities for teaching - learning, viz., classrooms, laboratories, computing equipments, etc

Response :

CDSRC takes great pride in the fact that it provides admirable infrastructural facilities for the unmatched teaching-learning experience. Lecture halls, demonstration rooms, laboratories, hospital for clinical teaching are fully equipped. In this magnificent campus, teaching-learning in our institution comprises of two components viz. Academic/ theoretical teaching and practical/clinical teaching with a margin of overlap between the two.

Our college provides a complete and adequate infrastructural background, in excellent position, to support and enhance the students learning and developing abilities. And this begins with its prime location as it is situated in a densely populated area of Bopal, Ahmedabad city, which has a good connectivity & approach via public (BRTS and AMTS) & private transport. A railway station named 'Gora-Ghuma Station' is just 10 min walking distance from the college. This ease makes lot of walk-in patient flow to the college.

The various facilities provided in the college campus are in accordance with the requirements of Dental Council of India and the Gujarat University. The college has the facility of four lecture halls, which are spacious, equipped with split air-conditioners, well ventilated and illuminated with very comfortable seating arrangement for 100 students. These 4 lecture halls are augmented with Integrated Audio-Visual aids, having over-head projectors, Noise Isolation Speakers and Wireless and Collar Microphones. These four classrooms are equipped with smart interactive board "Iboard I20" for the advanced teaching-learning process for both the staff and students.

Institution also has a Central Library, having an area of 8400 sq ft. with a capacity of 200 seats. Library is integrated with LAN connection and 5 computers to aid the e-learning process. We have various national and international journals in various specialties to cultivate the research and innovation skill.

There are 9 Seminar Halls, which are well-equipped air conditioned halls for each dental specialty, with latest overhead projectors, white boards, internet connectivity for conducting seminars and workshops. Thus provide best quality of learning.



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There are specialized Dental Departments with respective preclinical labs for subject based learning in accordance with the Dental Council. The Prosthodontic and Conservative Dentistry department pre-clinics are equipped with patient stimulators so that the undergraduate students have hands-on experience of various dental procedures prior to their clinical postings. Advanced diagnostic laboratories such as the Histopathology, Biochemistry, Pharmacy and Anatomy helps in patient evaluation and proper diagnosis. Anatomy museum is also present for the students which are upgraded from time to time. Digital dental radiography with both intraoral and extraoral techniques like IOPA, OPG, CBCT facilitates student learning from one to three dimensions. Well-equipped and specialized Dental Implant room has widened the expertise of treating the oral rehabilitation patients.

Institution also has a 100 bedded Medical Hospital in the campus for the students to learn the medical subjects and their clinical postings. The hospital also has up-to-date Operation Theatre for various procedures. The institution has a Mobile Dental Van for distant and community learning using which the students can learn the management of emergency procedures without the clinical setup.

4.1.2 The institution has adequate facilities to support physical and recreational requirements of students and staff- sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc. and for cultural activities

Response:

4.1.2 The Institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc. and cultural activities

Response:

“SPORTS DO NOT BUILD THE CHARACTER, THEY REVEAL IT”

CDSRC not only shapes the students into better professionals, but also provides facilities to cater to their physical and holistic development. The management of our college never gets exhausted in providing unmatched facilities for recreation, sports, Games, physical fitness and cultural activities to our students.

Our institution CDSRC emphasizes on physical and recreational activities providing both physical fitness and mental relaxation to the students. There are various options to play the different kind of outdoor and indoor sports. Our college has also provided both an indoor and outdoor ground for the students to excel in sports and all the phases of life.

CDSRC facilitates the students with a variety of indoor games such as Chess, Carrom, Table Tennis and various board games. A separate Indoor games room is within the college campus emphasizes the infrastructure provided for the games. The students as well as the faculty



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members enjoy their leisure times at the games room after the college hours. Well maintained Cricket Ground with cement pitch is situated in the heart of the campus where the students get together for the regular cricket matches after the college hours. There is a volleyball ground where students playing Volley Ball, learn teamwork and co-ordination improving the mental health and stamina.

The college consistently provides a platform for various indoor and outdoor game events, encouraging the students to showcase their interest and enabling them to master in the respective games by organizing Sports Week. Every year Sports week is celebrated in the month of either February or March. It is organized over four to five days where staff and students play and compete against each other in a healthy sportsmanship way which includes activities like Cricket, Volleyball, Lawn tennis, Kho-Kho, Dodgeball, Musical Chair, Tug of War, Paper-art, Soap carving, Dumb-charades, Antakshari, Tattoo making, Pictionary, Quiz, etc. During the sports week different 'Days' are celebrated like Traditional Day; that depicts different cultures of our country, Signature Day; where students collect memories of their colleagues, Group day, etc. At the end of the sports week an Annual Day is celebrated where activities like Dance, Drama and singing competition takes place under the presence of all the College and Management staff.

Every year there is an auspicious Navratri celebration which is organized in the college campus where students and faculties spare their time to celebrate and dance on the beats of dandiya.

Every year Convocation Day is organized by the joint involvement of trustees, faculties and students to wish the graduating students best wishes for their future and handover their degrees along with oath taking ceremony.

Every year Yoga Day celebration and yoga demonstration is also done to the staff and students to improve the overall health and they are taught various yogasanas, therapy yogas and meditation under the guidance of a qualified instructor.

These sports facilities offer students a recreational opportunity to unwind from their daily grind and to balance their physical and mental health.

4.1.3 Availability and adequacy of general campus facilities and overall ambience

Response:

4.1.3 Availability and adequacy of general campus facilities and overall ambience :

Good infrastructure has always been the hallmark of a good Institution. Adequate infrastructure facility is a key for effective and efficient conduct of the educational programs. The growth of infrastructure thus has to keep pace with the academic developments in the institution. Our College, College of Dental Sciences and Research Centre, provides the best infrastructure that caters to the needs of Students, Faculty, and Patients. Our institution has a Medical Hospital with 100 beds to indoor patients from OPD with extended timings to attend



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emergencies. There is also a 24*7 casualty that is manned by highly competent professionals to manage emergencies.

There are separate well ventilated, spacious and air-conditioned hostels for boys and girls in the college campus for students and provision for 24 hours water and electricity with power backup during power cut to facilitate an uninterrupted preparation for their studies. The salient features of hostel include self- contained toilet cum bath with hot water facility, study table with cabinet to store books, wardrobes and cots, purified water for drinking, uninterrupted electricity supply with generator backup and 24 hours high security with security guards. Laundry service is available for the convenience of the students. Hostel also allows recreational activities for which a large Common cum TV room is available. A special Reading Room is there to help hostilities to learn better.

College has a canteen that is located within the campus to cater to the staff, students and patient's gastronomic needs. The college canteen offers varied menu and comfortable surroundings, becoming student's favorite hangout. It also provides good quality, hygienic well balanced food enabling students to experience a sense of "home away from home" while in campus. Water treatment plan is present in the campus where the water is treated by RO plant before supplied for drinking purpose. Toilets are provided in each department separate for students and staff with highest standard of maintenance being carried out daily.

The college has a lush green campus with ample greenery providing cool and calm environment to study. Though being situated in proximity to city, college has adequate signage to guide the patients hassle-free towards good dental treatment. The college also has ample parking for staffs, students and visitors separately with good road lanes.

We have a lush green rectangle garden in centre of college building which is well maintained by dedicated member for regular care. Different flowers and plants are being maintained and regular mowing of the lawn and grooming of the plants is done.

Campus security is provided by guards trained by our management security training academy who are always alert and instil a sense of security. They also help to regulate traffic as well as maintain general discipline. They are very kind and helpful in nature and guides patients to their respective departments.

The campus has CCTV camera facility located at strategic places that help monitor activities in the campus. Fire safety measures have been installed in all the building of the campus.

4.1.4 Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response:



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Average percentage of expenditure incurred excluding salary for infrastructure development and augmentation during the last five years (INR Lakhs)

Response:

Year	2020-2021	2019-2020	2018-2019	2017-2018	2016-2017
Rs in lakhs	120.8	264.17	328.46	245.85	224.6

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1 Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

The infrastructural facilities available for training the undergraduate and post-graduate students are in accordance with the regulations formulated by the Dental Council of India (DCI). The clinical/laboratory/academic space is allocated based on the DCI regulations. The clinical training facilities are continuously updated to ensure that students are provided with the state of art facilities. The governing council is keen to provide an excellent academic environment for around 572 students with 105 highly competent teaching faculties.

The infrastructure contains teaching and learning facilities that include Smart Classrooms, Specialized Laboratories, Discussion halls and a well-stocked library. Each specialty has an outpatient dental clinical facility equipped with electronic dental chairs. 291 electronic chairs are installed in the institution, 4 dental chairs are installed in the satellite clinic, which cater to the needs of the surrounding rural population and 1 dental chair is installed in the mobile dental van for the outreach community services intended to improve accessibility to quality dental healthcare. Out of the total dental chair 2 dental chairs are installed in the Implant clinic specially dedicated for implant work and 1 chair is in special clinic where a patient requiring multiple specialty involvement is treated.

The dental hospital has a fully equipped operation theatre complex to perform major and minor surgeries, furnished with 5 ICU beds. The 100 bedded general wards with separate male and female wings are available to accommodate the inpatients. The Hospital is equipped with some quality equipments like Ventilator, Defibrillator and Cautery.

The clinical departments are complemented with Radio-Visio graphs (RVG's) as necessitated to minimize the radiation exposure to both patients and clinicians. The Department of Oral



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Medicine And Radiology is equipped with TENS machine, panoramic imaging (OPG) and dental Cone Beam Computed Tomography (CBCT) to provide advanced diagnostics. There is a Pentahead microscope to facilitate multiple students learning in the Oral Pathology department.

The Oral and Maxillofacial surgery department is well equipped with LASERS, Surgical Loupes, Surgical Microscope with microsurgical kit and Piezoelectric facilities for the advance learning of the post-graduate students.

Clinical laboratory services are available for the patients at nominal costs to carryout haematological investigations as an aid in diagnosis. Department of Prosthodontics have Acrylic and Ceramic Laboratories with the cutting edge equipments. The Microscope facility in the Department of Conservative dentistry is exclusive and specialized as necessitated. The Department of Periodontology is well equipped with multiple Implant surgical kits, Ultrasonic scalers and a blood centrifugation machine.

We follow the Dental Council of India (DCI) and Gujarat University guidelines for various clinical teaching-learning programs that are included in curriculum which includes hands on demonstrations, webinars of various clinical procedures. Many departments have pre-clinical teaching laboratory where students work on mannequins or Typhodonts to develop their motor skills and orientation preclinically to render best possible clinical outcomes in practice. Further, special attention is provided to the students with different learning abilities by guiding them to do extra work which enables them to gain the required confidence to proceed with the routine clinical work.

Laboratories (Dental subjects)	Area
Pre-clinical Prosthodontics and dental material lab	2100 sq ft.
Pre-clinical Conservative lab	1200 sq ft.
Oral biology and oral pathology lab	400 sq ft.
Laboratory for orthodontics and Pedodontics	302+404 sq ft. 706 sq ft. in total
Laboratories (Medical Subjects)	
(only for independent Colleges)	
Anatomy dissection hall with storage for cadavers osteology, demonstration room etc.	
One laboratory for physiology and pathology and microbiology with stores and preparation rooms for individual subjects attached to it.	2237+2315 sq ft.
Laboratory for biochemistry and pharmacology with stores and preparation rooms separately for both subject.	1793+179 sq ft.
Prosthodontics	4600 sq ft.



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Conservative Dentistry	3000 sq ft.
Oral pathology for histopathology	200sq ft.
Haematology and clinical biochemistry	60 sq ft.

4.2.2 Average number of patients per year treated as outpatients and inpatients in the teaching hospital for the last five years

Response:

4.2.2.1 Number of patients treated as outpatients in the teaching hospital year-wise during the last five years.

Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
No. of patients	101338	127171	21034	123565	130219	125983

4.2.2.2 Number of patients treated as inpatients in the teaching hospital year-wise during the last five years.

Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
No. of patients	101	110	85	85	103	105

4.2.3 Average number of students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years.

Response:

4.2.3.1 Number of UG students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years

Year	2021-22	2020-21	2019-20	2018-19	2017-18
No. of UG students	99	96	99	100	100

4.2.3.2 Number of PG students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years.

Year	2021-22	2020-21	2019-20	2018-19	2017-18
No. of PG students	24	24	22	23	19



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4.2.4 Availability of infrastructure for community based learning Institution has:

- 1. Attached Satellite Primary Health Center/s**
 - 2. Attached Rural Health Center/s other than College teaching hospital available for training of students**
 - 3. Residential facility for students / trainees at the above peripheral health centers / hospitals**
 - 4. Mobile clinical service facilities to reach remote rural locations**
- E. None of the above**
- D. Any one of the above**
- C. Any two of the above**
- B. Any three of the above**

Response: C. Any two of the above

4.3 Library as a Learning Resource

4.3.1 Library is automated using Integrated Library Management System (ILMS)

Response:

4.3.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Our library is a well- equipped library. It is equipped with well-maintained sitting facility. It is a manual library where utmost care is taken for maintaining the records of all books issued and track of all books are maintained with the help of registers and issue tickets.



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ILMS is a software that helps Librarians and users to circulate, catalogue and track the books and journals. It is Software for University Libraries (SOUL). It is a state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre based on requirements of college and university libraries.

It is UNICODE based multilingual support for Indian and foreign languages. It is compliant to International Standards such as AACR-2, MARCXML, MARC21 bibliographic format, Unicode based Universal character Sets for multilingual bibliographic records, NCIP 2.0 & SIP 2 based protocols for electronic surveillance and control.

It is meant to increase the efficiency of a library and improve the access to resources for its patrons, by automating the process that would otherwise have been done manually.

Features of ILMS software:

Powerful search tools

- Search on library homepage on Books, Non –Books, CDs, Audio, Journals and other DigitalContent
 - Custom search criteria enabled E.g. @ Title Physics @Author Raman @Publisher Tata@Year 2016 will yield search meeting all criteria.
 - Extensive drill down options on search - allows filtering by item type, author, publisher,subject etc. until the patron finds the book /item he is looking for.
- Quick Search
 - Keywords
 - Subjects
 - Publishers

New Arrivals Listing

- Lists all the new arrivals in last n number of days and get to see the list of books that have arrived in last 100 days.

Digital Library

- Lists all the subscriptions to online journals, books and databases

E-Books Search

- Provides search facility on your eBooks like PDF, Journals etc

Periodicals List

- See list of all periodicals subscribed
- Periodicals Cardex
- Serials Reminder

Requisition and Acquisition management

- Supports creating purchase lists and tracking purchase information.



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- Year wise books purchased

Circulation Manager

- Helps in managing circulation of items in the library.
- Automates issue and return of books
- Provides listing of items currently circulated out, item status and

Member due management

- Helps view members who have borrowed the books.
- Customized Reports and statistics on circulation
- Provides for fine management
- Member Behavior profiling based on history of borrowing by students

Book Accession Register

- Gives ability to catalogue the books at our library
- Gives details of the circulation status of each book

Title Statistics

- Listing the statistics of titles in the library, based on various criteria such as item type, category subject department etc.

In/Out Management

- This module helps in managing a systematic and detailed report about members as well as non-members who visit the library each day and generate utilization reports.

SYSTEM SPECIFICATION

Following are the specifications of SOUL 3.0.

PROCESSOR SPEED: 1.8 GHz or Higher

RAM: Minimum 2 GB for 32-bit and 4 GB for 64-bit / 8 GB recommended for Server system

FREE HARD DISK SPACE: Minimum 10 GB Free

SCREEN RESOLUTION: Minimum 1366x768

4.3.2 Total number of textbooks, reference volumes, journals, collection of rare books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment

Response:



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4.3.2 Total number of textbooks, reference volumes, journals, collection of rare books, manuscripts, digitalized traditional manuscripts, discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment

Response:

“A library is a hospital for the mind”.

As gateways to knowledge and culture, library play a fundamental role in society. The resources and services a library offers create opportunities for learning, support literacy and education, and help shape the new ideas and perspectives that are central to a creative and innovative society. Library functions as a knowledge centre for the growth of students, faculty and the Institution as a whole. It also plays an important role in supporting the academic programs of the institution as well as various phases of life of students. Books are the windows through which the souls look out. The library of CDSRC is spread across 8400 sq. ft with 200 seating capacity.

The college library acts as an apex knowledge resource centre for all the departments. However, each of them has its own independent specialized libraries. It is envisaged that this library will continue to be a strong facilitator in knowledge creation and dissemination. The Library serves as a source for an efficient, serious and scholarly place that supports and enables quality improvements in academic and institutional performance. The library procures a comprehensive range of textbooks, journals, digital databases, thesis and doctoral dissertations. There are collections of diverse materials, to support teaching, learning and research. It also provides entertainment and healthy leisure to the students and faculty by providing different newspapers and magazines. The entire collection is organized into various sections in the library.

The CDSRC library has access to many electronic journals, e-books and databases that serves as a strong self-learning resource. The Institution insists on inculcating the habit of self-directed learning and encourages the students to spend productive time in the library to update themselves and to know about the newer trends and latest advances in dentistry. The library also serves as a place with a pleasant ambience for the students to prepare for their examinations.

Text books: 3721 national and international books are available in our central library for all basic medical science and dental departments,.

Reference books: 460 recently edited national and international books are available as reference books. The library regularly adding recently revised, edited and newly arrived books for all specializations from National and International publishers like Elsevier, Springer, Jaypee, etc. at present enough quantity of books are available with different titles for all specializations.

Total number of National & International Journals: 23 till the year June 2022 (updated)



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Thesis and Library Dissertation: 211 PG research thesis and library dissertations are available in the library. Newspaper: English and Gujarati daily newspapers are available in the library to know the day-to-day updates.

4.3.3 Does the Institution have an e-Library with membership / registration for the following: 1. e –journals / e-books consortia 2. E-Shodh Sindhu 3. Shodhganga 4. SWAYAM 5. Discipline-specific Databases

E. Any one of the above

D. Any two of the above

C. Any three of the above

B. Any four of the above

Response: A. Anyone of the above

4.3.4 Average annual expenditure for the purchase of books and journals including e-journals during the last five years

Response:

4.3.4.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

Year	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018	2016-17
Rs in lakhs	3.41	0.60	10	9.63	10.26	11.20

4.3.5 In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students

Response:

4.3.5 In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students

Response:

CDSRC library functions as a knowledge centre for the growth of the Institution and supports the academic programs of the Institution. The library of CDSRC is spread across 8400 sq. ft with 200 seating capacity. The Library is open from 8.00 am to 8.00 pm on all working days providing in-person access to students and Faculty. A dedicated team of employees works throughout the day for the benefit of the users. The Institution insists on inculcating the habit



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of self-directed learning and encourages the students to spend productive time in the library and make use of the available resources. In addition, Undergraduates are allowed to borrow one book at a time for 3 days while Postgraduates can borrow 2 books for a period of 7 days.

CDSRC insists on the students to inculcate the habit of spending quality and productive hours in the library to upgrade themselves to newer trends in dentistry and a calm and peaceful study environment is present for the students to go on over the exam preparation. There is a separate study area for students and staff to read library books and their own books. In addition, separate Journal section is also available.

The college library consists of a digital library wing which enables greater access to wide range of well-organized data in digital form. The online data base subscribed and web based online catalogue is available in the internet. The students and faculty have in-person access to the hard copies of books, current journals, back volumes of journals, audio-visual resources, virtual library, newspapers and magazines, thesis and post-doctoral dissertations.

Every year orientation program is conducted for U.G. and P.G students during which Library and ID Cards are distributed. They are given all the necessary directions for use of Library & its resources by the Librarian. For effective and efficient utilisation of EBSCOHOST platform workshops are conducted by the library for students as well as staff. Trained personnel from Dentistry and Oral Sciences are invited for the same.

A Library orientation Program is being organized every academic year for the first year BDS and MDS students to orient them on the facilities and services in the library. The students are given a library tour in groups by the member of the Library Committee showing access to books, journals, dissertations, newspaper and magazines and sections. The library facilities like reprography, printing, own book reading rooms and audio-visual rooms are shown.. The students are also shown the access to virtual library for educational reference and electronic databases. Step by step hands on guidance on accessing the digital databases for literature search is demonstrated.

A Library Learner program is organized for all faculty of CDSRC Institute every year to orient them on the subscription and usage of e-resource databases. The e-guide on using these resources for ebooks and e-journals of dental and related medical specialties is also explained.

4.3.6 E-content resources used by teachers:

- 1. NMEICT/ NPTEL**
- 2. Other MOOCs platforms**
- 3. SWAYAM**
- 4. Institutional LMS**
- 5. E-PG-Pathshala**

None of the above



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Any one of the above

Any two of the above

Any three of the above

Response: None of the above

4.4 IT Infrastructure

4.4.1 Percentage of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi-enabled ICT facilities (data for the preceding academic year)

Response:

Response: 100 %

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet/WiFi enabled ICT facilities

Response: 13

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 13

4.4.2 Institution frequently updates its IT facilities and computer availability for students including Wi-Fi

Response:

4.4.2 Institution frequently updates its IT facilities and computer availability for students including Wi-Fi

Response:

The Institution is aware of the need to enable health informatics-based learning amongst the students. The IT facilities available in this institution are state-of-the-art. The integration of information and technology can help revitalize teachers and students. We have a dedicated IT Department who work round the clock to ensure that all our hardwares and softwares are up-to-date and functioning without any problem.

The College is equipped with CCTV cameras all over the premises and departments starting right from the entrance to the OPD area. All the staff; medical, dental and para-medical have their active bio- metric attendance to maintain their regularity and punctuality. The college



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hostel and canteen too have the bio- metric facilities for the students presence. This helps in maintaining a perfect record of all students. We have recently upgraded to a high-end digital software for the faculties. To ease the maintenance of their leave and presence records.

College of Dental Sciences & Research Centre, Bopal is equipped with computers and IT facilities to enhance the learning process of students. The institution provides round the clock Internet facility by providing Wi-Fi in the college campus. Generator supports all Computers and audio-visual systems in lecture halls and seminar halls. All the departments are provided with internet & computer facilities for the academic interest of the students & for faculties to prepare & deliver their lectures & teaching materials. All lecture halls are provided with multimedia projectors, smart sensor enabled boards, desktops, etc. The library is also equipped with Wi-Fi facility to access e- journals, e- books & various other online databases. These facilities are utilized by both students & teaching faculties.

Following IT facilities are available in our college:

- Desktop in all departments
- Wifi throughout the campus
- Laser printers connected to all departments
- Laptops/Ipad's are provided to all students
- LCD projectors with softwares

Routine maintenance of computers, peripherals, network devices, servers, etc. is carried out by the IT department.

4.4.3 Available bandwidth of internet connection in the Institution (Lease line)?1 GBPS

500 MBPS – 1 GBPS

50 MBPS – 250 MBPS

250 MBPS – 500 MBPS

<50 MBPS

Response :< 50 MBPS

4.5 Maintenance of Campus Infrastructure

4.5.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response:



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4.5.1.1 Average expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Year	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Rs in lakhs	55.34	59.61	55.20	34.70	22.50

4.5.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports facilities, computers, classrooms etc.

Response:

4.5.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities- laboratory, library, sports facilities, computers, classrooms. etc

The institute has evolved a structured mechanism for the maintenance of physical, academic and support facilities. The infrastructure of the college is efficiently maintained by the various maintenance sections. The college has a dedicated maintenance committee responsible for carrying out the duties of maintenance of buildings, clinics, classrooms, laboratories, library, sport facilities, hostels, utilities, etc. The college has qualified and skilled manpower for civil work, plumbing, electric work, carpentry work, biomedical engineering work, etc. on contractual basis. The college has electricity connection from UGVCL. In addition, high power diesel generator helps to maintain uninterrupted power supply to clinics and academic buildings, etc.

Classrooms:

The institute provides well-equipped classrooms with high-speed Wi-Fi enabled desktops. To maintain cleanliness of the classrooms, students are asked to not to eat or litter the lecture halls. The electrical fittings and the furniture in the classrooms are always kept under working condition and repair works are attended to by the technical staff immediately.

Laboratory:

The college has provided various costly equipments installed in the labs and they are maintained by the lab technicians and all major faults in the machines provided in the labs and operation theatres are taken care of by annual maintenance contract. All minor problems in the equipments are attended by the technicians in the labs.

Buildings and Infrastructure:

The maintenance of the buildings includes cleaning, painting, whitewashing and replacement of fixtures & equipments in the building. There is adequate provision in the annual budget for these expenses. A maintenance team under a supervisor is functioning for undertaking the repair works of buildings and infrastructure. Similarly, a fulltime plumber is available in the



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college for carrying out plumbing works. Daily cleaning of washrooms and the classrooms are done by house-keeping department.

Library & Computer Facilities:

The computers used for various functions of the library and other related electronic gadgets are maintained by a team of qualified IT experts who ensure trouble free performance of the computers.

Sports Facilities:

Our college has both indoor and outdoor sports facilities. The stadium has facilities for various sports activities including table tennis, carrom, chess, cricket, volleyball etc. Students are allowed to utilize the sports facilities after college hours. All these facilities are maintained by exclusive staff of the Sports Department.

If there is any repair/damage of instruments, buildings or another basic facilities, one of the staff from that particular department has to submit the filled form to our management through proper channel. The forms are placed in administrative meeting for discussion and the applications are forwarded to maintenance department. Maintenance department will consider the form and depute the concerned engineers for necessary action. Allotments of maintenance department work are as follows:

Biomedical Engineers: Instruments in Clinics, preclinical lab and practical lab

Civil Engineers: Renovation/ repair of building

Electrical Engineers: Electricity supply and plumbing works

Enough number of manpower is given to all engineering department to complete the work with perfection and to complete on stipulated time.