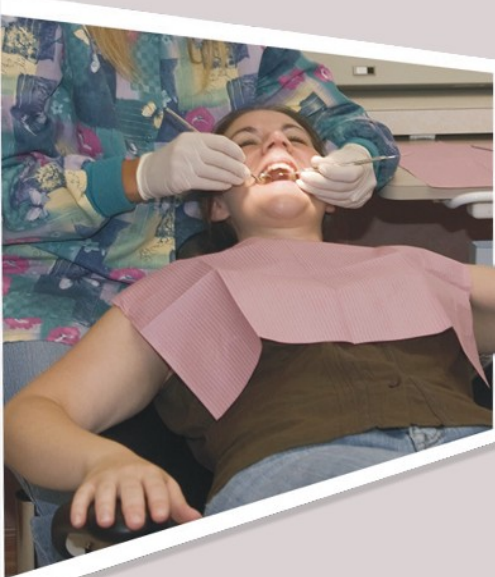




**Pacific Dental
College & Hospital**
Programs in BDS and MDS



Empowering Youth



The power of a nation stems from its youth. They are the ones who bring in change and take the legacy of a nation ahead. When we take a quick glance across India and the globe, we realize that most of the dynamism of the youth can be attributed to one sharp edge, and that edge is 'Quality Education'. We at Pacific are committed towards empowering our youth with this edge of Quality Education. Our endeavour is to push them beyond education, into the realm of knowledge. We exist to impart quality knowledge that encompasses all.

Pacific is a conglomeration of colleges in multiple disciplines like Engineering, Dentistry, Pharmacy, Commerce & Management, Hotel Management, Education, Media, Mass Communication and Fashion Technology. Each unit stands as a centre of excellence in its respective discipline, while adhering to the values and vision of Pacific as a whole.

These colleges are proud to offer world-class infrastructure and faculties that synergize together to enrich the lives and the career of the students.

The Pacific campus provides a calm and tranquil environment that is conducive for enhancing the learning process. Spread over 50 acres of greenery, the campus is just 9 km from Udaipur, the city of lakes. Surrounded by the pristine Aravalli Hills, it consists of a campus complete with all modern amenities with state-of-the-art classrooms, laboratories and libraries. There is separate facility of hostels for boys and the girls in the undergraduate and the postgraduate programme, with comfortable rooms and neat and tidy toilets. Transportation facility, to-and-from, all corners of the city is available. Sports ground, canteen and student club rooms ensure an active platform for extra-curricular activities that are such an integral part of a healthy college life.

Secretary

At Pacific Society we focus on capitalizing on our ace infrastructural facilities and highly dignified faculty to produce highly competent and multi-skilled professionals.

Rahul Agarwal

President

At Pacific Society we envision a future where education and knowledge are the key factors in our nation's progress. Hence, we strive to inculcate qualities like perseverance and determination in our students, and train them to be well-qualified professionals.

B. R. Agarwal

Finance Secretary

At Pacific Society we emphasize upon keeping abreast with global standards and trends, to facilitate and impart our students with the latest knowledge.

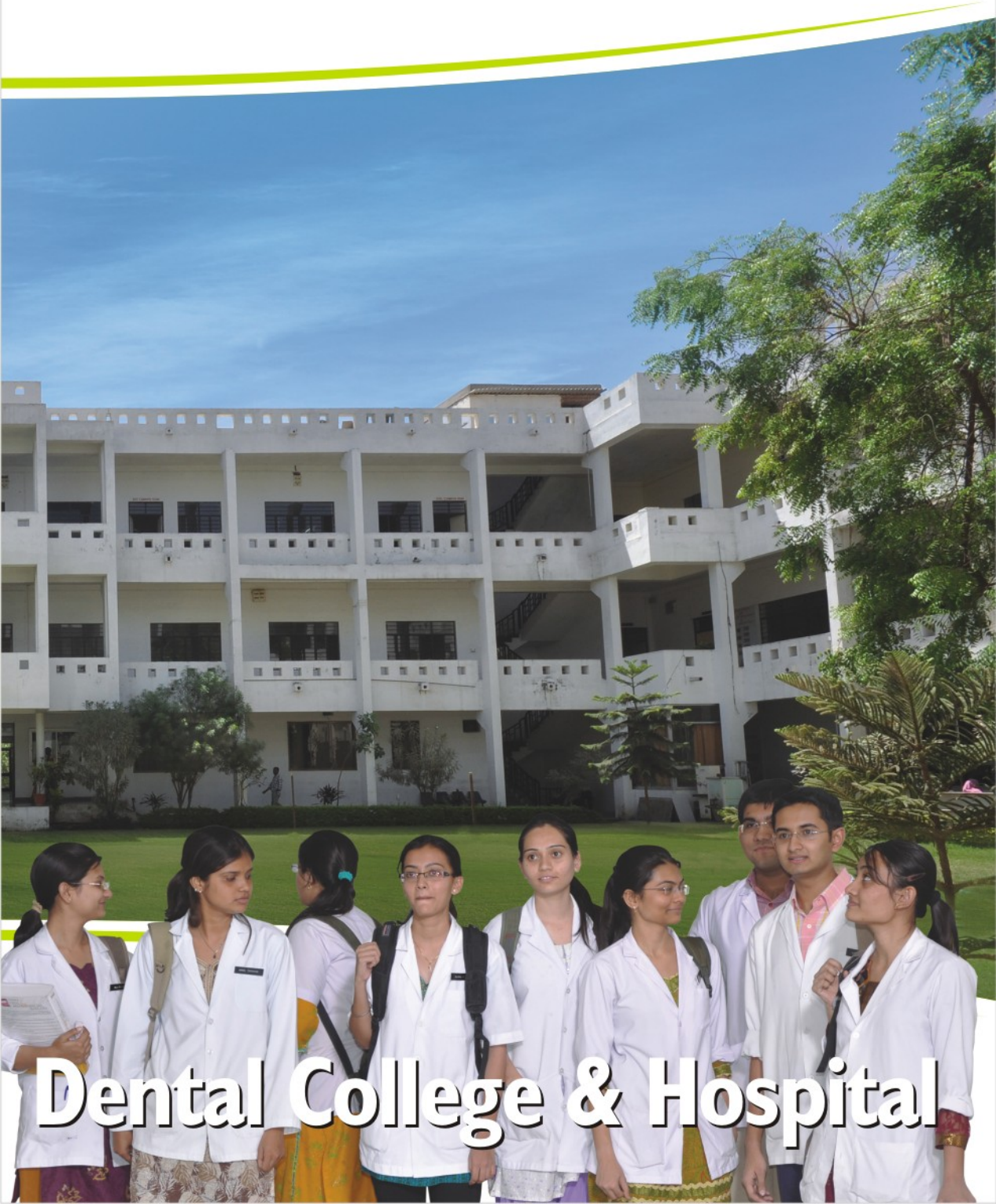
Ashish Agarwal



Welcome to our campus!



Pacific



Dental College & Hospital



Welcome to our campus!

Let me begin by stating my pride to be the Dean of the Pacific Dental College and Hospital, Udaipur. The college is affiliated to Pacific University, Udaipur. Our institution has an exemplary, long-standing record of accomplishments in dental education through our outstanding graduates and post graduates who deliver the highest standard of clinical health care to their patients; and contribute to our knowledge of oral and general health through their research.

Founded in 2000 with a humble beginning; i.e. from a small clinical area, offices and laboratories in the campus, the college has now become a vast complex of educational, research and service activities. **Our vision to be the 'premier, comprehensive, academic oral health centre'** is exemplified by our nationally reputed quality. We offer the Bachelor of Dental Surgery (B.D.S.) professional degree, as well as accredited Postgraduate programmes (M.D.S.) in all the nine dental specialties. In addition to this, the college is also runs certificate courses in Dental Hygienist and Dental Mechanics. All our courses are recognized by The Government of India, as well as by The Dental Council of India (DCI). Our College is also approved for Diploma in Conservative and Endodontic courses offered by The Indira Gandhi National Open University (IGNOU), New Delhi.

Our mission is to continually 'improve the well being and oral health of the people'. This is accomplished through our in-campus Dental Specialty Clinics and by providing consultation services and treatment for special patient populations at off-campus locations throughout the Udaipur zone.

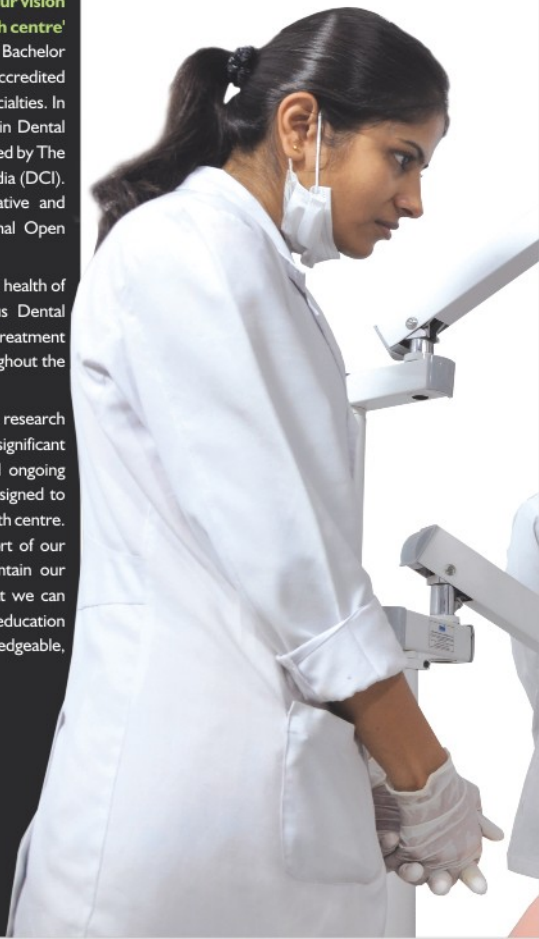
In order to keep up with the growing demands of technology, research and teaching, the college building has been undergoing significant renovations over the past several years. Completed and ongoing renovations in the college have been ambitious projects designed to ensure we preserve our place as a premier academic oral health centre. Through the generosity of our alumni and with the support of our University, we are completing initiatives designed to maintain our building and facilities in a state-of-the-art condition, so that we can continue to provide optimal care to our patients and the best education to our students and train them to be highly-skilled, knowledgeable, technically competent professionals.

Thanking you.

Dr. L.K. Mathur.

M.D.S. (Periodontist) F.I.C.D., F.P.F.A. (USA)

President-elect, Indian Society of Periodontology
Member Board of Management,
Rajasthan University of Health Sciences.



Pacific Dental College & Hospital

The College and Hospital are spread over a 1.3 lakh sq.ft. area that accommodates the administration offices, nine dental departments, four lecture theatres (120 seats per theatre) and a library. The nine departments are equipped with separate under-graduate and post-graduate sections, fully equipped with seminar rooms and are serviced with more than 325 dental chairs with all required attachments. The library is equipped with more than 4000 books, with more being added in every academic year. It subscribes to more than 50 international journals on oral and dental healthcare. A separate section with Internet connectivity allows faculty and students to access to the subscribed on-line medical journals.

There is a separate section on the campus with an area of 25,000 sq.ft. for the Department of Basic Sciences. The campus also includes hostels for students with separate buildings for undergraduate and graduate students.

Special Features & Achievements at a Glance

- All Courses recognized by Dental Council of India, New Delhi
- 9 University Ranks in 2003-04, 9 Ranks in 2004-05
- Hosted 10th National Indian Association of Public Health Dentistry, 2005, Rajasthan State Dental Conference, 2006, First Workshop on Orthognetic Surgery, 2007, 7th National PG Workshop of Indian Society of Periodontology, 2008.
- 7th ISPPD National PG. Convention 2010.
- Conducted Survey on menace of tobacco consumption and resultant cases of oral cancer in tribal-dominated areas of Rajasthan



Pacific Dental College & Hospital offers

- 4 year Bachelor of Dental Surgery (BDS) program (100 seats per year)
- 3 year Master of Dental Surgery (MDS) program (40 seats each in all nine branches per year)
- 2 year Diploma in Dental Mechanics (DM) program (20 seats per year)
- 2 year Diploma in Dental Hygiene (DH) program (20 seats per year).

Departments of Dentistry:

1. Department of Oral Medicine, Diagnosis & Maxillofacial Radiology
2. Department of Oral & Maxillofacial Surgery
3. Department of Prosthodontics
4. Department of Pediatric and Preventive Dentistry
5. Department of Public Health Dentistry
6. Department of Orthodontics & Dentofacial Orthopedics
7. Department of Periodontics
8. Department of Oral Pathology and Microbiology
9. Department of Conservative Dentistry & Endodontics

Department of Basic Sciences:

1. Department of Anatomy
2. Department of Physiology & Biochemistry
3. Department of Pathology & Microbiology
4. Department of Pharmacology
5. Department of General Medicine
6. Department of General Surgery
7. Department of General Anesthesia

The Bachelor of Dental Surgery (BDS) Program

Curriculum

First Year

- i. General Human Anatomy including Embryology and Histology
- ii. General Human Physiology and Biochemistry, Nutrition & Dietetics
- iii. Dental Anatomy, Embryology and Oral Histology

Second Year

- i. General Pathology & Microbiology
- ii. General and Dental Pharmacology & Therapeutics
- iii. Dental Materials
- iv. Pre-clinical Prosthodontics, Crown & Bridge
- v. Pre-clinical Conservative Dentistry

Third Year

- i. General Medicine
- ii. General Surgery
- iii. Oral Pathology & Oral Microbiology

Fourth Year

- i. Orthodontics & Dentofacial Orthopedics
- ii. Oral Medicine & Radiology
- iii. Pediatric & Preventive Dentistry
- iv. Periodontology
- v. Oral & Maxillofacial Surgery
- vi. Prosthodontics, Crown & Bridge
- vii. Conservative Dentistry & Endodontics
- viii. Public Health Dentistry



Admission Procedure

a. Eligibility for BDS Program :

No candidate shall be allowed admission to the dental curriculum of first year Bachelor of Dental Surgery (BDS) course unless they fulfil the following criteria:

1. He/She shall be a minimum age of 17 years on, or before 31st December, of the year of admission to the BDS course.
2. He/She must have passed 10+2 Examination with minimum 50% marks in Physics-Chemistry-Biology (PCB) and passed in English subject.

Duration of the Course:

The undergraduate dental training programme leading to BDS degree shall be of 4 years with 240 teaching days in each academic year. During this period, the student shall be required to be engaged in full-time academics.



The Masters of Dental Surgery (MDS) Program

Eligibility for MDS Program:

A candidate for admission to the MDS course (Master of Dental Surgery) must have a recognized degree of BDS (Bachelor of Dental Surgery) awarded by an Indian university in respect of recognized Dental College, under section 10(2) of the Dentists Act, 1948 or an equivalent qualification recognized by the Dental Council of India (DCI) and should have obtained permanent registration with the State Dental Council. Candidates not possessing a recognized Dental qualification for the above purpose should secure the prior approval of his qualifications by the Dental Council of India (DCI) before he can be admitted to the MDS course of any University in India.

Duration of course:

The Course shall be of three years duration.

Selection of Postgraduate Students:

Students for postgraduate dental courses (MDS) shall be selected on the basis of their academic merit and competitive entrance test.



Department of Oral Medicine Diagnosis & Maxillofacial Radiology

Specialty in Dentistry dealing with:

This Dental specialty deals with diagnosis and medical management of diseases of the oral mucosa, jaws and the salivary glands, medical management of oro-facial pain and temporomandibular joint disease. It also deals with dental management of patients with complicated medical diseases and radiographic evaluation, as well as treatment assessment for diseases affecting the teeth and the bones of maxillofacial region.

Department is well equipped with state of art equipments.



Department Of Oral & Maxillofacial Surgery

Oral and Maxillofacial Surgery is one of the most important specialty concerned with the diagnosis and surgical treatment of congenital or acquired diseases, dysfunction, defects or injuries of the mouth, jaws, face, neck and adjacent craniofacial regions. The students of BDS are trained from 3rd year onwards for a period of 3 years. The MDS program is for a period of 3 years, which includes training in the department and peripheral posting in the medical departments and in the cancer hospital later.

This department practices the full scope of the specialty. It maintains Undergraduate and Post Graduate clinics, operation theatre, male & female wards at the College campus. Its mission is to provide excellent patient care, contribute to basic and clinical research and train the future academic leaders of the oral and maxillofacial surgery profession.

Residents are closely involved in patient management under the direct supervision and guidance of the Faculty. This relationship allows the resident, practical education while maintaining a high standard of patient care. With specialized knowledge in pain control and advanced training in anesthesia, the oral and maxillofacial surgeon is able to provide quality care with maximum patient comfort and safety, in the clinical/hospital setting.

Specialized Treatment includes

- Tooth Removal, Complex Third Molar Surgery, Preprosthetic Surgery, Dental Implants
- TMJ Surgery, Reconstructive Surgery, Cleft Lip and Palate, Trauma (Fracture of Jaws), Orthognathic Surgery, Surgical Management of complex, functional Malocclusions, Distraction Osteogenesis, Management of Benign and Malignant Tumors (Cancer)

Department of Prosthodontics

This department deals with a wide array of problems encountered such as edentulism, partial loss of teeth, temporomandibular joint problems and the crippling loss of cranomaxillofacial structures. These are treated using modalities such as complete dentures, fixed prosthesis, maxillofacial prosthesis and dental and maxillofacial implants to name a few.

The current focus is on prosthesis and implants and the research projects carried out in this department focus on the less explored, but much needed aspects of Prosthetic Dentistry.



Department of Conservative Dentistry and Endodontics

The Root Canal Treatment is one of the most commonly practiced procedures in dentistry practice. It is advised for painful and infected teeth and the procedure involves the removal of infected pulp tissue, cleaning and shaping the root canal system with an inert material finally.

The field of Conservative Dentistry and Endodontics deals with:

1. Operative Procedures
2. Bleaching of discolored teeth
3. Tooth jewellery
4. Root canal Treatment
5. Veneers and Laminates
6. Diastema closure
7. Post & core for fractured teeth



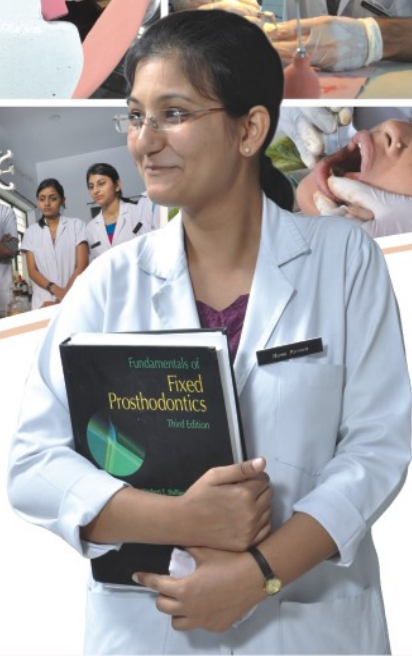
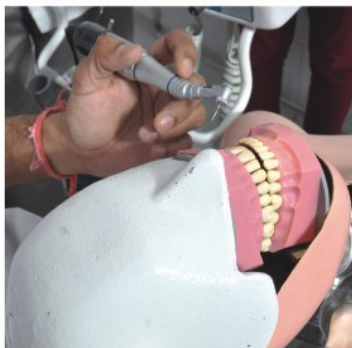
Department of Orthodontics & Dentofacial Orthopedics

Orthodontics and Dentofacial Orthopedics deal with the correction of maligned teeth and malformed jaws. This department is equipped with separate undergraduate and graduate clinics, and is spread over 9000 sq.ft. There are 18 separate cubical positions for the graduate students to carry out clinical work on patients and to give them basic clinical experience.

The department has the latest material & technology including:

1. Dental implant kit for anchorage
2. Digital SLR camera with macro lens for intraoral as well as facial photography
3. Do-IT Software for digital cephalometry

The department had hosted a state level orthognathic workshop, during which 2 patients wanting surgical correction of their facial as well as dental features were operated.



Empowering Youth

Department of Pediatric Dentistry

Pediatric dentistry is the specialty of dentistry which is concerned with total oral health care, both preventive & therapeutic, of children right from birth through adolescence. It also includes the oral health care of children with special health care needs such as those with physical, medical & behavioral disorders/disabilities. This specialty focuses primarily on the prevention of oral disease, achieved by active interaction between dentist, the child & the parent.

The department of Pediatric Dentistry, Pacific Dental College & Hospital, Udaipur, is a beautifully-designed, children-friendly setup with state-of-the-art equipment & the latest in dental material. Students are encouraged and guided by highly-qualified and experienced faculty in acquiring skills in managing & treating children in the dental clinic, while at the same time ensuring that the dental experience has been a pleasant one for the child patient.

The department also offers postgraduate studies in the specialty of Pediatric Dentistry.



Department of Periodontics

Periodontology or Periodontics is the branch of dentistry which studies the supporting structures of teeth, known as the periodontium. This includes the gingival (gums), alveolar bone, cementum and the periodontal ligaments. The Department is equipped with state-of-the-art equipment in the clinics which allows post-graduate students to perform advanced surgical procedures in the spacious and well-equipped Under-Graduate clinic. The treatment procedures routinely done by the doctors in the department include:

- Scaling & Polishing
- Flap surgery
- Bone grating
- GTR
- Esthetic Periodontic Surgeries
- Gingivectomy
- Curettage
- Surgical procedures using laser technology
- Implants



Department of Oral Pathology and Microbiology

Oral pathology is the dental specialty which deals with the nature identification and management of diseases affecting the oral and maxillofacial regions, and investigates the causes, processes and effects of these diseases. Spread over more than 4000 sq.ft. the Department has spacious Under-Graduate clinics for oral pathology, dental anatomy & histology practical hall as well as a histopathology laboratory for the Post-Graduate classes.

Department of Public Health Dentistry

In the field of community dentistry, students are taught to communicate with the rural/illiterate population, impart knowledge, motivate and guide them in changing over to a healthy oral hygiene routine.

Through a structured program, students :

- Reach out to the rural masses in Udaipur district
- Conduct camps in schools, colleges and industrial firms
- Promote oral health in Udaipur district
- Conduct camps on industrial sites to create awareness about occupational hazards

Standard oral health care services are predominantly urban-oriented. This department is dedicated to meeting the oral health needs of community through spreading knowledge and resources. It is equipped, rather empowered, with a unique Mobile Dental Van - a dental clinic on wheels. The Van is fitted with two working dental chairs with all attachments - Scaler, Airmotor, and Suction. It is modified to have a basin and a wooden wardrobe for keeping the instruments and materials. It also has a seating capacity of 15 people. There is public address system, generator and a compressor in the Van.

Department of Basic Sciences:

Department of Anatomy

This department deals with various body parts including bones, muscles & to know the normal structure body machinery.

Department of Physiology

• Physiology in the mother of all branches of medical science & it provides the indispensable knowledge to learn, how various body system work harmoniously to restore the normal health.

Department of Biochemistry

• This branch of medical science, one has to learn metabolism, absorption of food material and analysis of blood other biological fluids.

Ragging is a Crime

"If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institutions."

Transport Facility

The College has its own fleet of buses, which punctually bring students from different corners of the city to the College at a nominal cost. At present it owns five buses, which are likely to be increased as per requirements.

Cafeteria

The modern Cafeteria on the campus provides hygienic and mouth-watering delicacies and different snacks to the students. Special dishes are served on special occasions.

Library

There is a collection of more than 1015 titles and 4483 volumes of assorted and exhaustive textbooks and reference books in the Library. The Library subscribes to more than 150 international journals annually and there is a good collection of back volumes of these journals. The Library's collection also comprises textbooks, magazines and scientific journals on various subjects of general and popular interest as well. The Library provides well equipped, comprehensive and extensive online and offline databases with the utilization of its digital library which can be accessed through its special Internet enabled section. It has separate reading rooms. Students are encouraged to spend time in the library to improve their

Hostel

The College campus has seven spacious, well-designed and properly furnished separate hostels for boys and girls, including different ones for Undergraduate and Postgraduate students. Each hostel room has an attached bath and toilet. Each hostel has separate common rooms with color television with DTH, and facilities for indoor games where students can relax after exhaustive hours of study. Faculty and staff members from outside of Udaipur can also reside in the hostels.

www.pacificdentalcollege.com



www.pacific-university.ac.in

PACIFIC
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