

Dental College & Hospital, Navi Mumbai

Bharati Vidyapeeth Deemed University Dental College & Hospital, Navi Mumbai was established in 2005. Spread over a total area of 5.5 acres and surrounded by scenic verdant hills, the College & Hospital's is both convenient to reach and instantly invigorating to visit. The college has a spacious, well aerated building for undergraduate and postgraduate courses with all necessary facilities and ambiance.

The well-equipped clinical laboratories, clinical sections and associated working areas are specially designed taking into consideration the individual departments, created in a especially designed building spread over ground plus five floors with the total area of 1,50,692.50 square feet. The basic departments concerned with medical subjects and their laboratories are created right within the premises. In addition to this, the college has a separate hostel facility for boys & girl, staff quarters within the campus. All the rooms are fully and tastefully furnished. Dining and recreation facilities are available within the premises.

Equipments:

Bharati Vidyapeeth Deemed University Dental College and Hospital, Navi Mumbai is fully equipped with all the modern high tech equipments that are required for both the undergraduate and post graduate courses as prescribed by the Dental council of India. All the equipments and instruments including the consumable materials are freely available to each and every student for use during the academic study. There are photocopying, printing, internet and e-library facilities available for the students.

Research activities, scientific programs and continuing dental education:

All faculty and post-graduate students are actively involved in research activities and there are research publications in international and national peer-reviewed journals from the college. The college also conducts scientific & academic programs by inviting various experts from various fields to guide the students and staff for promotion of research. College has an Institutional Ethics



Committee (IEC) which is registered with the Ministry of Health & Family Welfare, Govt. of India. The IEC performs ethical & scientific review of all research conducted in the institute.

Sci-Fi, a scientific activity is conducted annually where students participate and compete for oral and poster presentations. 'Udaan', the e-bulletin of the institute is published every two months which highlights the important activities & achievements by the college.

Beyond academics:

Students are taught additional dental skills and advanced procedures apart from their routine syllabus in order to equip them to face the competitive dental professional scenario outside the institute. An active

student body facilitates the development of all-important extracurricular skills like leadership and team management. Various activities conducted throughout the year encourage the students to improve their ability to think laterally.

Library:

The College has a spacious central library admeasuring about 6663 sq. feet with more than 7000 books, national & International journals. It includes two big reading halls, reference section, journal section and storage. It also has photocopying, internet and e-library facility in all computers for the benefit of students. In addition to the central library facility, each Department has its own departmental library for quick and ready reference.

Dental Camps:

Bharati Vidyapeeth Deemed University Dental College and Hospital routinely conducts Dental Camps at nearby areas for the benefit of poor population. This helps us to increase the patient material for the students for clinical practice. In addition to this treatment camps are also organized where the full-fledged Mobile Dental Van is used to carry Dental treatments at rural areas.

Our Departments:

1) Periodontology

Periodontology is the science that deals with the diseases of the supporting tissues of the teeth and the surgical & non-surgical treatments for the same. The department has to its credit a highly knowledgeable and skilled teaching team that is well versed with latest treatment modalities. The emphasis of the department's under-graduate and post-graduate program is to develop competent clinicians who also have training and expertise in conducting high-quality research.

The department of Periodontics is made up of two sections, an undergraduate section and a post graduate section. The department also has a special surgery section where advanced surgical procedures are carried out. A well-spaced out layout ensures smooth functioning of the department. The department is well equipped with basic as well as advanced armamentarium. This includes piezosurgery, ultrasonic scalers, laser, physiodispenser, electrocautery, implants kits and RVG (digital x-ray). The various treatment modalities performed in the department include scaling, root planning, flap surgery, bone grafting, mucogingival surgeries, guided tissue



regeneration, guided bone regeneration, implant placements and special procedures related to implant surgery.

The department also puts special emphasis on patient education and motivation for improvement of community oral health. Department is active in conducting and attending CDE programmes and motivates the students to do the same.

2) Orthodontics & Dentofacial Orthopedics

The department of Orthodontics deals with correction of Malaligned teeth and Dentofacial anomalies. It aims at prevention and correction of developing Jaw abnormalities and deleterious oral habits which retards the normal growth of jaws. The department has to its credit highly knowledgeable and technically skilled staff available full time to guide the students. The department has been proactive in organizing frequent continuing dental education programs so as to update academic and clinical skills of students and faculty. The department has special left handed units for left handed operators and ample dental chair units.



To keep up with recent and changing trends in orthodontics the department is updated with modern equipments in clinical and pre-clinical laboratories. Departmental Laboratory is equipped with Pressure molding machine (Biostar), Hydrosolder unit and Micro sandblaster & we offer many esthetic orthodontic treatment modalities like Lingual Orthodontics, Clear Aligners and use of orthodontic Micro-implants for correction of complex malocclusion in adults and advanced treatments of lingual orthodontics and aligners are also performed in the clinics. The department has to its credit an elite faculty which has a number of national and international credentials in the form of presentations, publications and posters.

3) Pedodontics & Preventive Dentistry

The department has to its credit highly knowledgeable, skilled and student friendly staff. The department aims to provide quality teaching to students and promote research. Department constantly conducts school oral health check up camps and provide a free dental treatment for the same.

The state of art infrastructure provides exclusive post graduate and under graduate sections in addition to separate play area, X-Ray room, Minor O.T., with recovery room modernized seminar room and fully updated library section.



The department now boast of specialized equipments like a conscious sedation unit, RVG (digital X-ray with a pediatric sensor, pulse oximeter, electric pulp tester, apex locators, advanced endodontic

equipments, ultrasonic cleaners, U. V. cabinet, automatic X ray processor, intraoral camera and a pressure molding machine. Along with special left handed units for left handed operators and ample pediatric dental chair units.

The department provides oral health care modalities ranging from restorations, pulpal therapy, stainless steel crowns, space maintainers to minor surgeries and complete oral rehabilitation.

4) Conservative Dentistry & Endodontics

The Dept. boasts of a large number of patients in the OPD as well as advanced equipments. There is a well equipped pre clinical laboratory with ample phantom head units. The aim and object of department is to produce post graduates with high moral integrity, ethics, clinical skill as well as sound research acumen.

The treatment modalities offered in the department include various restorative and Endodontic procedures. Restorative procedures like composite restoration, silver amalgam, glassionomer restoration are done to restore carious teeth. Various aesthetic treatments like diastema closure, laminates, veneers, smile design, tooth whitening, etc. are rendered to patients at subsidized rates. Advanced endodontic procedures like complicated root canal treatments, hemisection, radisection, peri radicular surgery, apicectomy, indirect aesthetic restorations like porcelain/ composite inlays and onlays that require expertise are also offered by the department.

The department has all the advanced gadgets like endosonics, operating microscope, composite furnace, physiodispensor and various obturating systems like thermafil, guttaflow and advanced digital radiography like RVG. The Department has well equipped isolated operatory for surgical and microsurgical endodontic procedures as well as



equipped ceramic laboratory and casting laboratory.

5) Prosthodontics and Crown & Bridge

Prosthodontics is the dental specialty that treats patients with missing or deficient teeth and/or oral and maxillofacial tissues. Optimal oral health and esthetics are obtained for patients through the use of dental implants, dentures, veneers and crowns

This department comprises of separate clinical sections for under graduate and post graduate students with well-equipped laboratories and separate implant operatory equipped to perform basic and advance implant procedures using various implant systems

With highly skilled teaching Faculty and best in class infrastructure the department aims to put students on par with their peers at reputed universities in India and abroad. The Department focuses on foundation knowledge, teach the latest techniques and evaluate clinical competency to provide quality prosthodontic care.



6) Oral Medicine and Radiology

Oral Medicine is the specialty of Dentistry concerned with the oral health care of patients with chronic, recurrent and medically related disorders of the oral and maxillofacial region, and with their diagnosis and non-surgical management. Oral and Maxillofacial Radiology is that specialty of Dentistry concerned with performance and interpretation of diagnostic imaging used for examining the craniofacial, dental and adjacent structures. Oral Medicine department had state of the art facilities & infrastructure with total area of 6829 Sq. feet. Oral Radiology Department is first ever AERB Approved radiation safe department.



The procedures performed at the department include detection and diagnosis of various oral diseases, oral pre-cancerous lesions & their management, early detection & diagnosis of oral cancer and the diagnosis & management of temporomandibular joint disorders, various oral mucosal lesions, oro-facial pain. The department also works towards giving clinical diagnosis of systemic diseases based on oral

findings and performs radiological and image logical workup of oral diseases to give a radiological diagnosis. The department is also engaged in efforts towards counseling and tobacco de-addiction.

7) Oral and Maxillofacial Surgery

This department comprises of Exodontia (for extraction of tooth) and Operation Theatre(for major maxillofacial surgery procedure under General anesthesia)

The department consist of highly skilled staff delivering clinically oriented knowledge to the students. The department also conducts clinical workshop regularly and maintains a disciplined and student friendly environment. Departmental staff work in coordination forupgrading the students' knowledge and towards the betterment of the institute.

8) Dental Anatomy, Dental Histology, Oral Pathology& Microbiology

In the Subject of Dental Anatomy & Oral Physiology, normal anatomy and the development of hard & soft tissues of oral and maxillofacial region are taught to the students using Audio Visual methods, Charts and Models.

In the subject of Dental Histology normal Histological structure of the above mentioned tissues are taught using latest microscopes and Micro Imaging Processing System (MIPS). The Students are taught Tissue Processing methods using latest equipments.



In the Subject of Oral and Maxillofacial Pathology & Microbiology the students are taught various developmental anomalies, pathology of hard and soft tissues, blood vessels, lymphatic glands of the region. The basics of Forensic Odontology are also taught. Normal oral micro flora and pathological microorganismsinvolved in causing various diseases are explained. The pre-malignant lesions, conditions, oral cyst, benign & malignant tumours affecting the oral & maxillofacial regions are explained using latest audio visual methods & students are evaluated under different heads according to their performance in sessional examination, terminal examinations, projects and graded accordingly.

9) Community Dentistry

This department has been associated with projects affiliated to UNDP, UNESCO and WHO. It is actively associated with Lions Club, Rotaract Club and prestigious hospitals working for the social welfare related to dental and health care facilities.

The academics section of this department is actively involved with preventive and curative treatment of the patients.

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