



MANUBHAI PATEL
DENTAL COLLEGE

Educate | Research | Care



PROSPECTUS

CHAIRMAN'S MESSAGE

Evolution couldn't have made it simpler, and man couldn't have done it better. Yes, our story of evolution is one that speaks lengths about our determination and innovation in order to survive and be the fittest, and its true. Man has overcome the greatest only to succumb to what is the smallest - Microbes. Health care is a global concern that breaks down national, religious, colour, and caste barriers. No one is too big or too small, too important or too insignificant. This is one thing that transcends all the boundaries to make us what we truly are. Human.



Dentistry's future ability to promote oral health will depend on its capacity to integrate new and better technologies into practice, to respond to the changing needs of the people. And to do this it must assure a sufficient supply of well-trained dental educators and dental students, who are able to maintain a strong research focus and all the while address the needs of those people who do not have easy access to dental care. Dentistry is part of the broad spectrum of health services that address the needs of the general population. Its mission is to guard the oral health of the public.

The success of the future of the dental profession relies on its ability: to be responsive and proactive in meeting the public's oral & general health needs, to effectively incorporate new technologies & knowledge into practice, and to assume a leadership role into practice, and to assume a dental profession is to maximize the oral health of all individuals. The ability of dental professionals to recognize and respond appropriately to different attitudes and practices of patients from other countries and cultures will also benefit from a new global perspective.

The vision for dentistry throughout the world is that the dental profession internationally will increase its commitment to and involvement in global oral health practice and promotion. During the past 20 years people have been increasingly interested in thinking and looking globally for ways to innovate and partner. Distance and language are no longer impediments to collaborations thanks to the internet, cellular capacity for transmission of information, and increased travel.

Manubhai Patel Dental College and Hospital has been working since 2000 towards fulfilling its vision and mission to improve health and quality of life for all through optimal oral health. "I would like to personally thank all, who have been actively involved in the setting up of this Dental College & Hospital and enabling us to achieve our objectives towards oral health care."

We look forward to achieve our vision.

Regards,

A handwritten signature in black ink, appearing to read 'R. Rathod'.

**Dr. Rajendra Sinh Rathod (MDS),
Chairman**

DEAN'S MESSAGE

As you are aware the Manubhai Patel Dental College started functioning in the year 2000. Our goal is to impart highest quality of dental education to the students in this institute.

Dentistry evolves and is continuously becoming a stronger and more capable health profession because of its commitment to research. The dental profession's recognition of the value of a constantly expanding scientific base is clear. The ultimate objective of research is to improve oral health, eliminate health disparities and enhance quality of life. Dental research has led to developments in disease prevention, diagnosis and treatment modalities.



Our efforts are to train future dental surgeons, so as to make them proficient in clinical dentistry. The goal of present day medicine dentistry is to work for prevention of diseases. We also try our best to educate people to take care of their teeth in the best possible way, so as to help them prevent the dental diseases and thereby prevent early loss of teeth.

This institute is trying to maintain a high standard of medical education in all its courses. The students undergoing training are exposed to various dental problems and shown how these should be successfully treated and tackled. This training would help the future Dental Surgeons when they complete their studies and join the society for rendering professional dental treatment to the people.

MPDC focuses on didactic lectures, and major part of the learning time is spent and devoted to demonstrations, group discussions, seminars, clinical work, and conference.

I hope that MPDC continues to take all possible steps to build a competent and useful dental manpower for the country and the whole world, and also encourage the dental profession to uphold its profession by inculcating in them ethics and high morals.

Regards,

A handwritten signature in black ink, appearing to read 'N J Nirmal'.

Dr. N J Nirmal (MDS)

Dean



INTRODUCTION

Since its origin in 2000, Manubhai Dental College & ORI (MPDC) has been consistently providing students with access to dental education through its facilitated learning centres. Being one of the first full-fledged private dental colleges to be established in the state of Gujarat MPDC spans across a 6.21 acres campus, and consists of the Dental College & Dental Hospital, General Hospital, Boys and Girls Hostel, Staff Quarters, Canteen and a cricket ground. The institution is recognized by autonomous status and has received full recognition from the Dental Council of India (DCI). MPDC is nestled in Vadodara, the cultural and educational centre of Gujarat, which is also the third largest city of Gujarat. It is well connected to other cities in India through road, rail and air. MPDC is committed to providing a curriculum offered by highly experienced faculty, who are determined to guide and educate the students. The faculty is well attuned to the latest trends in Dentistry and motivated towards research and elimination of oral diseases.

GENERAL OBJECTIVES

KNOWLEDGE AND UNDERSTANDING

- Adequate knowledge of scientific foundations on which dentistry is based and good understanding of various relevant.
- Scientific methods, principles of biological functions; ability to evaluate and analyze scientifically various established facts and data.
- Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general state of health and also bearing on physical and social well being of the patient.
- Adequate knowledge of clinical disciplines and methods which provide coherent picture of anomalies, lesions and diseases of teeth, mouth and jaws and preventive diagnostic and therapeutic aspects of dentistry.
- Adequate clinical experience required for general dental practice.

SKILLS

- Diagnose and manage various common dental problems encountered in general dental practices.
- Prevent and manage complications if encountered while carrying out various surgical and other procedures.
- Carry out certain investigation procedures and ability to interpret laboratory findings
- Promote oral health and help prevent oral diseases wherever possible
- Control pain and anxiety among patients during dental treatments.
- Communicate effectively with the patients, their families and associates, and with other health professionals involved in their care.

VISION

To be the most responsible and respected entity in dentistry by advancing excellence in dental education, dental research and health care.

MISSION

- To serve our students by providing them with the best possible facilities and faculty for a complete education.
- To contribute in creating and publishing original research by our faculty and students by providing them access to research materials and funds.
- To serve the society by providing them with low cost treatment and ensuring quality services from our doctors and students.

VALUES

QUALITY **ACCOUNTABILITY**
INTEGRITY **FOR WHAT WE DO**
HONESTY **PASSION FOR OUR**
STUDENTS AND PATIENTS

PRINCIPLES

- Improving the health of the public in a socially responsible and culturally competent manner.
- Establishment of a strong educational system critical to the future of dentistry.
- An aggressive approach to promote health, disease prevention and access to appropriate care will improve oral health and quality of life.
- Development of a global perspective, and an action plan to fulfill its responsibility as part of the world community.
- Aim and objective of the curriculum is to produce a dentist who is socially acceptable and is able to work safely and effectively on patients in diagnosis, prevention and treatment of dental and oral diseases.
- To produce a dental graduate and post graduate who is capable of functioning effectively both under the rural and urban settings.
- To encourage research and fund research activity for the students and faculty members.

INTAKE

Students are admitted from May to July every year, based on the eligibility criteria set by Dental Council of India, Govt. of Gujarat and the Supreme Court of India. The BDS has an intake capacity of 40 seats while MDS course has an intake capacity as per DCI guidelines and the Dental Mechanics has an intake of 15 students annually.

DURATION OF THE B.D.S COURSE

The duration of the B.D.S course will be five calendar years. The basic concept of Under-graduate dental education shall be health oriented teaching with stress on prevention of oral diseases, instead of the traditional diseases oriented teaching. To achieve this objective, the dental students shall be exposed to health problems throughout the period of under graduate training.

ELIGIBILITY FOR ADMISSION

- Candidate should have passed the 10 + 2 / A level or an equivalent examination from a recognized Board with Chemistry, Biology and Physics.
- The Candidate should have obtained no less than 50% marks respectively in each mentioned subjects as the minimum requirement.
- Further admission criteria may include additional entrance examinations such as those held by the Dental Council of India, Govt. of Gujarat and consortium of dental colleges. This criteria is subject to change on a yearly basis and shall be updated in the newspapers and the college website.



AGE

Candidates should have completed 17 years of age on 31st July. They should submit documents like Birth Certificate or School Leaving Certificate for Proof of age.

THE B.D.S CURRICULUM

The aim and objective of the curriculum is to produce a Dentist who is socially acceptable and is able to work safely and effectively on patients in diagnosis, prevention and treatment of dental and oral diseases. The curriculum is evolving and not merely a process of acquisition of a large number of disjointed facts. The course is a combination of lectures, demonstrations, group work, seminars and clinics.

MDS

MASTERS OF DENTAL SURGERY

DURATION OF THE MDS COURSE

The duration of the MDS course will be three calendar years. The goal of this postgraduate training in various specialties is to train BDS graduate who will, after successful completion of the course be able to practice respective specialty efficiently and effectively backed by scientific knowledge and skill.

ELIGIBILITY FOR ADMISSION

A candidate for admission to the MDS course must have a recognized BDS degree. Further admission criteria may include additional entrance examinations such as those held by the Dental Council of India, Govt. of Gujarat and consortium of dental colleges. This criteria is subject to change on a yearly basis and shall be updated in the newspapers and the college website.

MDS DEPARTMENTS

- Department of Conservative Dentistry and Endodontics,
- Department of Oral Pathology,
- Department of Prosthodontics and Crown & Bridge,
- Department of Orthodontics and Dentofacial Orthopaedics
- Department of Periodontics and Oral Implantology.

DDM

DIPLOMA DENTAL MECHANICS

DURATION OF THE DDM COURSE

The duration of this diploma course is 2 years. The course includes four major disciplines: Fixed Prosthesis including crown; bridges and implants, Removable Prosthesis including dentures and removable partial dentures; Maxillofacial Prosthesis including ocular Prosthesis and craniofacial Prosthesis; Orthodontics and auxiliaries including orthodontic appliances and mouth guards. Dental Mechanics also called Dental Technologists, are of the highest paid professionals in the field of dentistry.

ELIGIBILITY FOR ADMISSION

Candidate should have passed the 10 + 2 / HSC / A level or an equivalent examination from a recognized Board of India or any country. Should have passed in Physics, Chemistry and Biology with an overall average aggregate of 50% in all subjects

ADMISSION PROCEDURE

Domestic Students (India/Gujarat) should contact the admissions office for admissions inquiry and further appointment. Students can also email at mpdentalcollege@yahoo.co.in

International Students should follow the instructions on the college website (www.mpdentalcollege.edu.in) and contact the admissions office for further details.

FACULTY

MPDC offers a highly educated and experienced faculty who is determined to guide and teach students. As per the DCI standards we offer a pool of professors, readers, lecturers and tutors for a well-rounded learning experience for students.

Senior Faculty Name	Department	Qualification	Experience
Dr. Sonali Kapoor	Endodontics	MDS	11 years experience
Dr. R.V. Suchde	Endodontics	MDS	43 years of experience
Dr. N.J Nirmal	Prosthodontics	MDS	34 years of experience
Dr. Sarath Chandran	Periodontics	MDS	17 years of experience
Dr. Heena Desai	Orthodontics	MDS	35 years of experience
Dr. R.S. Rathod	Oral Pathology	MDS	13 years of experience
Dr. Rahul Thakur	Oral Surgery	MDS	13 years of experience

RAGGING

Ragging in India is a damaging form of interaction of the students in college or school with juniors, newcomers or first years. It involves insults (simple or suggestive sexual, sarcastic, and even physical), running errands for seniors, and many other complex activities. Ragging is now defined as an act that violates or is perceived to violate an individual student's dignity.

PUNISHMENT FOR RAGGING

An FIR has to be lodged with the police. The Anti Ragging Committee can immediately set the following punishments that can include:

1. Suspension from attending classes and academic privileges.
2. Debarring from appearing in any examination
3. Withholding results
4. Suspension/ expulsion from the hostel
5. Cancellation of admission
6. Rustication from the institution for period ranging from one to two years
7. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period



LADIES GRIEVANCE CELL

The college is at all times concerned about the welfare of our female students. The girls are encouraged to approach the college ladies grievance cell with any problems. The details of procedure and committee members are updated every calendar year and updated information can be found on the college website.

ADMISSION PROCEDURE

RULES OF ADMISSION

- A candidate must submit an application form.
- Forms must be duly completed in all respects along with necessary documents.
- Mere submission of application form and processing fees doesn't guarantee admission in MPDC.
- For further and current information regarding admission to any program, please visit the website www.mpdentalcollege.edu.in

FEES

Information regarding the fees for the BDS course (Government quota, Management quota and NRI students), MDS, and Diploma in Dental Mechanics is available on the MPDC website (www.mpdentalcollege.edu.in)

RESEARCH BY FACULTY AND STUDENTS

A) DEPARTMENT OF ORTHODONTICS AND CRANIOFACIAL ORTHOPEADICS :

Headed by Dr Hina Desai, MDS

- Buccal corridor space during posed smile in normal class I orthognatic patients. (Dental Patients)
- Is there a constant relationship between position of upper incisor and nasolabial angle?
- Bolton's ratio among gujarati population.
- A new bracket design for efficient orthodontics treatment.
- A new device for lingual bracket positioning in orthodontics alternative to TRAG.
- Evaluation of smile esthetics.
- Influence of various commonly used mouth rinses on force decay of elastomeric chains during orthodontic treatment: An in vivo study.
- The perception of facial profile attractiveness by changing the lower facial vertical and antero-posterior proportion.
- Effects of dietary probiotic supplement consumption on salivary on salivary streptococcus mutans and lactobacilli in patients undergoing fixed orthodontic treatment.



B) DEPARTMENT OF PROSTHODONTICS CROWNS AND BRIDGE:

Headed by Dr N J Nirmal, MDS

- To evaluate the bond strength of silicone-based self-cure, heat cure soft denture liner with denture base resin.
- A cephalometric study comparing the occlusal plane and vertical dimension of occlusion in dentulous and edentulous subjects.
- To evaluate the colour stability of heat cure denture base acrylic resins in different solutions.

C) DEPARTMENT OF PERIODONTICS AND IMPLANTOLOGY:

Headed By Dr Sarath Chandran, MDS

- Prevalence of furcation involvement among the patients referred for periodontal treatment. Extent & Severity of gingival recession.
- Comparative evaluation of serum C-reactive protein level, before & after non-surgical periodontal therapy in aggressive & chronic periodontics.
- Comparative evaluation of extraction socket preservative with calcium phosphor silicate and platelet-rich fibrin: A clinical and histological study.
- Clinical evaluation of extraction of repigmentation and wounding healing comparing scalpel technique with diode laser in melanin pigmented gingival: A split mouth study.

D) DEPARTMENT OF ORAL PATHOLOGY AND MICROBIOLOGY:

Headed by Dr Rajendra Sinh Rathod, MDS

- Developmental anomalies in primary dentition: A survey of 500 children
- Comparison of efficacy of 4 decalcifying agents: HCL, Nitric acid, EDTA and Formic acid.
- Age estimation using pulp/tooth volume ratio of mono radicular teeth obtained from computed tomography.
- Comparative study for selectivity of micronuclei in oral exfoliated cells of potentially malignant lesion/conditions using feulgen stain and papanicolaustain.
- Correlation between cheilioscopy, rugoscopy & dactyloscopy in human identification & sex determination.

E) DEPARTMENT OF CONSERVATIVE DENTISTRY, ASTHETICS AND ENDODONTICS:

Headed by Dr Sonali Kapoor, MDS

- Evaluation of golden proportion, golden percentage and RED for smile evaluation: An Vivo Study
- Evaluation of pain. Single versus multiple RCT: An Vivo Study
- Self design instrument to evaluate cavo-surface angle- An in Vitro study.
- A survey to find out incidence of enamel hypoplasia in school children.
- Comparison of healing of bilateral periapical lesion with and without placement of PRP : In Vivo study.
- Clinical evaluation of the efficacy of Qmix irrigant against enterococcus faecalis isolated from retreatment endodontic cases using real time PCR : An Vivo study.
- Evaluation of surface roughness and fracture resistance of Class II cavities restored with nano composite, and silorane composite with or without fiber inserts : An In Vitro Study.
- Effectiveness of single file systems in cleaning of root canals: Scanning Electron Microscope.

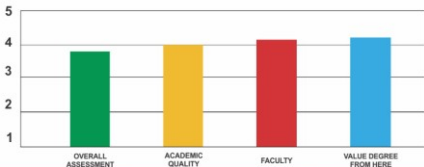
EXTRACURRICULAR AND SPECIAL FACILITIES

MPDC has state of the art facilities and offers the best. The institution has facilitated learning centers and laboratories. The library keeps the doors of knowledge open for all the students. The classrooms are equipped with the latest sophisticated equipment and aid to help the staff cater to the students.

Along with education and academics, MPDC also focuses on the extracurricular, and recreational activities for students. The campus offers various ways for students to distress and relax, and includes a cricket ground, games area, gymnasium, and other sports facilities for students, and staff. The institution also provides accommodation for students, canteen facility and transport facility for student convenience.



STUDENT SATISFATION SURVEY



STUDENTS' TESTIMONIALS

"Being a student of MPDC has taught me many things and lessons of life. The teaching methodologies and guidance provided makes the course challenging, rewarding, and beneficial. The support and friendly atmosphere provided by the institute and faculties brings out the best in you. The staff provides immense support and guidance and is always ready to help. All the regulations and protocols followed are beneficial for patients as well as students. The ideal location and good amount of patient flow is a cherry on the top of the cake." - **Shilpi Gandhi**



"First of all I feel proud that I got an opportunity to study in a reputed college like MPDC. The knowledgeable and helpful faculty, amount of clinical practice, and the facilities provided by the college are a few things that make MPDC a commendable institution. I am very much thankful to the college for making me confident and competent in work and helping me achieve my goal of becoming a dentist." - **Kavita Patel**

"My association with MPDC has been very memorable. The good number of patients and the experienced and supportive faculty has made my experience here even more wonderful. The competitive environment provided by this institute gives us the motivation to do well and progress further. I am thankful to MPDC for this experience, knowledge and memories."

- **Arpit Mehta**



"The knowledge and support from the faculty, a mix of academic theory coupled with practical experience makes MPDC different. It is amazing how theories and lessons learned in classrooms come alive during my daily interactions with patients. As I look back to when I started, I realize how much I have grown as a student and as a person." - **Ruchi M. Raj**

"I have been associated with MPDC for the last five years completing studies of my BDS of four years and one year of rotating internship of all the departments. The institute has provided me with a very friendly and stimulating environment of work. The good number of patient flow, advanced treatment facilities, and the care and guidance provided by the faculties has given me a lot of practice, knowledge and confidence. The cleanliness, hygiene, and discipline is properly maintained to hospital standards. I am glad to be part of this institute." - **Urvi Parikh**



APPLICATION FORM

DATE: _____

1. Name (IN BLOCK LETTERS)

2. If transcripts, test scores, or other documents are under another name, give name:

3. Sex: M F 4. Date of Birth (DD/MM/YYYY):

5. Course Applying For

(Master of Dental Surgery/ Bachelor of Dental Surgery/ Diploma Mechanics/ Diploma Hygeinist)

6. Citizenship Details (If Non Resident Indian)

Country: Place of Issue: Date of Issue: Passport No: Date of Expiry:

7. Permanent Address:

8. Email: 9. Telephone:

10. Name/Address/Country of School from where Higher Secondary Education (12th) or 'A' level exam has been passed.

11. Marks/Grade in the Following Subjects in Higher Secondary (A levels)(AS PER TRANSCRIPT) :

Sr. No	Subject	Marks/Grade
1.	Physics	
2.	Chemistry	
3.	Biology	
4.	Overall Percentage (including other subjects)	

12. Educational Information for MDS Applicants (IN BLOCK LETTERS)

Sr. No	Subject	DETAILS
A.	Name of the College/ University where BDS was completed	
B.	Is the BDS degree recognized by DCI?	
C.	Date of completion of Internship	

13. Aggregate marks in BDS course.

EXAMINATION	MONTH AND YEAR OF PASSING	TOTAL MARKS OBTAINED	PERCENTAGE OF MARKS OBTAINED	NUMBER OF ATTEMPTS
1st BDS				
2nd BDS				
3rd BDS				
Final BDS				

14. If other scores apply for Admission criteria as per yearly rules of Government of India.

 Applicant's Signature

For Office Use Only:

Registration No: _____

Dt: of Receipt:





MANUBHAI PATEL
DENTAL COLLEGE

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