



PMS COLLEGE
OF
DENTAL SCIENCE & RESEARCH

Blazing new trails
in dental education.



NAAC Accredited
Dental College



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Chairman's Message



Our vision is to emerge as a pioneer Dental and Research institute of global repute which is known for bringing forth dental professionals with expertise, dedication and social commitment. For that, we have already seized the opportunity to rethink and reposition ourselves through an innovative curriculum, talent-mining and strategic alliances.

While moving to the forefront of Dental education, our spotlight falls on inventing novel platforms for knowledge creation and transfer through relentless research. 100% student centered learning is already practiced and we encourage the learners to manifest their knowledge and keep raising their benchmarks of performance.

We remain committed to the sustainable development of Dental and allied Health education. Innovation plays a pivotal role and we aim to continuously and consistently nurture talent providing the best infrastructure as well as learning resources. By our constant engagement and initiatives towards faculty development and interactive learning programs intended to impart awareness and knowledge transfer; we make sure that research becomes a major activity. While providing value based education to students, we also remain socially responsible by participating and contributing to national health programs.

In short, we make every possible step to envision and ensure a bright future for all.

Dr. P. S. Thaha
Chairman



What we are?

The PMS College of Dental Science and Research, established in 2002 is the first and premier self financing Dental Education Institution in the state of Kerala. This Institution is a unit of NRI Service and Educational Trust established under the able guidance of visionary Chairman Dentashreshtha Dr. P. S. Thaha. The Institute is recognized by the Dental Council of India (DCI) and has affiliation with the Kerala University of Health Sciences (KUHS). The PMS College of Dental Science and Research is the first Dental College in Kerala with NAAC Accreditation for Health Education. Proud to be featured amongst the top 40 dental institutions in India as per the survey conducted by India Today.

With well-trained, experienced teaching faculty and best infrastructure spreading over 31,10,000 square feet with departments of Dentistry and related researches along with a well equipped library, PMS College of Dental Science and Research provides a competitive edge to the students and is committed to continuously improve its system to sustain great heights. PMS is associated with various national and International Universities to make available the best facilities and education in the field of Dentistry.



FOUNDED IN
2002

ACADEMIC DEPARTMENTS
10

FULL TIME TEACHING STAFF
120

STUDENT INTAKE IN UG COURSE
100

STUDENT INTAKE PG COURSES
36





"I really appreciate the level of scientific education and the kind hospitality. I hope that the collaboration with University of Genova will continue year after year."

Dr. Stefano Benedicenti
Dean of Laser Department Centre
Professor, Dept. Of Restorative Dentistry and Endodontics
University Of Genova, Italy.

"Many thanks to the most cordial welcome. This institute aspires excellence and I am delighted to have had the opportunity to visit and conveying all the best wishes to the PMS system."

Dr. Mark Cronshaw
Professor, Dept. Of Laser Dentistry
University Of Genova, Italy.



Our Highlights



TRANSFORMATIONAL LEARNING EXPERIENCE

Evolve, embellish and enhance your academic, practical and inter personnel skills.
Learn to amend academic ideas into tangible sustainable action in the medical field.

STUDENT CENTERED LEARNING TECHNIQUES

Students find support in small groups of a team of exceptional students, problem-solving together and expanding each other's sense of inquiry and discovery. This method of learning encourages meaningful student interaction. Peer-group evaluation and feedback mechanisms help students develop a team-based collaborative approach to the practice of Dentistry.



EXPERIENCED FACULTY

Our institution and students are blessed with well-trained, experienced and dedicated teaching faculty with senior professors leading all the departments who coach to promote a collaborative learning environment and individualized professional development.

REAL WORLD LEADERSHIP SKILLS

The future of Dentistry needs professionals who are prepared to influence the systems of Dental health care to improve health for patients and society. Our curriculum not only trains students to become excellent clinicians, but also helps them develop the necessary skills to lead meaningful amendments in the field, no matter where you serve.





"Good to be here. I wish all the best for clinical Excellence, Superb Research and Innovative Development of this Institution".

[Signature]

Dr. Sang Choon Cho
Program Director
Director of Perio & Implant, New York University

"Truly an educational Centre of Future Dentistry. Loved the exchange of Ideas. Wish you all the Success "

[Signature]

Dr. Anil Ardeshta, DMD
Associate Professor, Director of Post Graduate Orthodontics
Director of Research, Dept. Of Orthodontics, Rutgers University- Newark

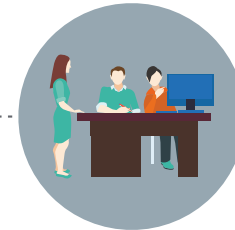


PERSONALIZED LEARNING SUPPORT

In addition to peer and mentor support, our learning specialist/students' counselor works with students to identify a wide spectrum of learning challenges and then develops targeted learning support plans to maximize students' capabilities. There are many additional resources available on the campus to help students with specific learning disabilities that our learning specialist can help students access when needed.

PROVEN CLINICAL TRAINING

We emphasize preceptorship in our training. Our faculty practice and resident clinics are all located in the same physical space to promote interaction and first-hand experience. All the clinical cases are done with close supervision of faculty members. With the provision of comprehensive clinical training, the students will have the opportunity to explore a variety of disciplines in the field of Dentistry so that they can make a meaningful choice and be more than ready to take the next step.



INTERNATIONAL EXPERIENCE

By the Faculty - Students exchange with Rutgers University U.S.A, our students are given opportunity to have hands-on experience in an international environment.

CAREER DEVELOPMENT

Though intensive trainings and Continuing Dental Education(CDE) programs motivate the students to develop and enhance their professional skills and direct to make the most of their next career step. Continuous training is provided in the field of Implantology, Laser Dentistry, Digital Dentistry and Cosmetic Dentistry under Department of Advanced Dental Sciences.



NAAC Accreditation Certificate





"It was a great honour for me to have the opportunity of being the faculty of the Implantology Programme conducted by this Institution. Thanks and Congratulations for all you achievements. All the best for your future endeavours and look forward for continuing our collaboration."

Dr. Jean Pierre Bernard
President, Swiss International Academy of Osseointegration

"To my colleagues here in my college at Trivandrum, It was sure a pleasure to spend days with you , being a part of all the academic Programmes here. See you soon hopefully. We are the Champions."

Dr. Armin Nedjat
Visiting Faculty PMS College of Dental Science and Research
Founder, Champion Implants, Germany



Courses offered

BACHELOR OF DENTAL SURGERY

BDS course extends for a period of four and a half academic years followed by twelve months compulsory rotatory internship. The student intake for each year is 100.

The course is subdivided as follows:

- First BDS 12 months
- Second BDS 12 months
- Third BDS 12 months
- Fourth BDS Part I 12 months
- Fourth BDS Part II 6 months
- Internship 12 months

MASTER OF DENTAL SURGERY

MDS course is of 3 years duration. The course has 8 specialties with 36 seats available.

Number of students admitted in each department is as follows.

- MDS in Prosthodontics and Crown & Bridge - 5 seats
- MDS in Oral & Maxillofacial Surgery - 5 seats
- MDS in Periodontology - 5 seats
- MDS in Conservative Dentistry & Endodontics - 5 seats
- MDS in Oral Medicine & Radiology - 3 seats
- MDS in Oral Pathology & Microbiology - 3 seats
- MDS in Orthodontics & Dentofacial Orthopedics - 5 seats
- MDS in Peadiatric & Preventive Dentistry - 5 seats

Both BDS and MDS students are evaluated and progress levels is checked regularly through Academic Committees and Departmental Meetings.





"Have been wanting to visit this institution. Found it extremely brilliant and academically enriched. The Management & Faculty deserve a great accolade for putting up one of the best Dental institutions in the Country and so well managed. Many more laurels to the Institute in future! Best Wishes."

Mahesh Verma

Dr. Mahesh Verma

President Delhi Dental Council & Director – Principal, Maulana Azad Institute of Dental Sciences, New Delhi

"On the behalf of Ministry of Health, Sultanate of Oman delegates, I would like to appreciate the Management and Staffs of PMS College. Very impressed with Facility and Faculty of the Institution. Wishing all the Success & Prosperity. Looking forward for long co operation."

Salahudeen Al Balushi

Dr. Salahudeen Al Balushi

Expert of information and communication for classification and registration project Examination & Certificates Department
Oman Medical Speciality Board, Al Azaiba, Muscat, Sultanate of Oman



Faculty

Our Faculty is our keystone and our premium asset, taking forward PMS reputation in research and teaching excellence, combining rigor with relevance. The experience and talents of our faculty combine to create, leading to best result of teaching excellence. Currently we have 120 full time teaching faculty and 10 guest lectures and 3 visiting professors from UK, USA and Germany ,who are working so dedicated towards the creation of finest dental professionals.



Administration & Management

A dedicated team for the Administration and Operational Management take care of the Institution. The Administration team holds responsibility for the determination and periodic review of the educational character and mission of the institution. The departments of Finance Management, Human Resource Management, Public Relations Management, Engineering, Facility, Maintenance and Purchase are working closely with the Administration team for the smooth functioning of the Institution.



Great institution, tremendous foresight by Management. Implant department is a great boon for students. Excellent faculty too.

Dr. Gunaseelan Rajan
Oral & Maxillofacial Surgeon
Scientist & Researcher, Rajan Dental Institute, Chennai.

"It was a wonderful experience visiting PMS College of Dental Science and Research. I thank the management and staff for their initiative in organising Continuing Dental Education Programs especially on Forensic Odontology Age Estimation. The programme itself was conducted and organised with immense attention & detail by Faculty and Students. My thanks again for the opportunity given to me, as well as to my speciality. All the very best in this institute's future endeavours!"

Dr. Ashith B Acharya
Founder Member & Secretary of Indian Association of Forensic Odontology
Professor & HOD, Dept. Of Forensic Odontology, SDM College of Dental Science & Hospital, Dharwad.



Results, Awards and Recognitions

It is a matter of immense pleasure to announce that the tradition of achievements was carried forward and the students excelled in every genre bringing fame to the institution since the bygone days. It has become a practice of our students to bag the top ranks in the University exams since 2002 both in BDS and MDS courses. Our decades of Academic excellence is an open testimonial one can refer to. We are proud that we secured 100% results both in MDS and BDS for the year 2017 and 100% pass in MDS for 4 consecutive years.

Its not the classroom learning alone that will suffice the needs and demands of today's youth. For the holistic development of the student, extra-curricular activities play a crucial role. Our students are getting opportunities for participating in various cultural and sport competitions and they bag many prizes.

Stepping in to an Era of Innovation in Teaching

PMS has added another feather on its cap by introducing a new system of education , The Integrated Micro teaching -learning system - "A Canadian system of Micro teaching - learning"



Evolution of CLAB

Innovation in teaching - learning has made to evolve CLAB (Class room Integrated with Lab)



Highlights

- Unique teaching - learning method
- Monotony of an hour lecture is replaced with a new framework with lecture sessions of 20 minutes duration followed by an activity pertaining to the lecture.
- Small group teaching - learning environment bring individual attention to students.
- Creates an effective, enthusiastic learning environment.
- This unique lecture protocol interspersed with activities improve the cognitive skills of the students retention ability of the topic is enhanced.

Research

Research activities are going on in 8 specialty departments.

Post Graduate Department of Periodontology

Research Activities:

- Comparative evaluation of coronally advanced flap with PRF versus sub-epithelial connective tissue graft in the treatment of gingival recession with quasi experimental design- an In Vivo study
- Academic stress on periodontal disease status among dental undergraduates - A Longitudinal study.
- Critical evaluation of salivary bio-markers for periodontal diagnosis - a comparative study.
- Comprehensive evaluation of molecular mechanisms of periodontal disease.

Post Graduate Department of Orthodontics & Dentofacial Orthopedics

Research Activities:

- Prevalence of malocclusion in local population, based on IOTN scale.
- Effect of force application on GCF and analysis of inflammatory markers.
- Evaluation of new parameters for Bolton ratio in local population.

Post Graduate Department of Oral & Maxillofacial Surgery

Research Topics:

- Role of antibiotics in healing of extraction socket - a prospective study
- Efficacy of topical local anesthesia before local anesthetic injection.
- Chromosomal study of VanderWoude's Syndrome.

Post Graduate Department of Prosthodontics and Crown & Bridge

Research Activities:

- Effect of relief space, space holes and seating velocity on pressure characteristics of maxillary and mandibular edentulous impressions - an In Vitro Study.
- The effect of recasting on cytotoxicity and elemental release of base metal alloys - an In vitro study Mechanical properties of FPD materials

Post Graduate Department of Oral Pathology & Microbiology

Research Topics

- Periodical oral cancer screening and detection camps undertaken in collaboration with the Department of Community Dentistry.
- Isolation and characterization of dental pulp stem cells, for implications in Regenerative medicine. (A Department of Bio-technology (DBT), Govt. of India, Funded Project)

Department of Public Health Dentistry

Research Activities

- Community oral health survey in Vembayam Grama Panchayath
- Anganwadi based oral health survey
- School based awareness survey
- Dental utilization in Community
- Oral health problems among mentally retarded

Post Graduate Department of Conservative Dentistry & Endodontics

Research Activities:

- Fracture resistance of endodontically treated tooth, to different sealers and obturating materials – an In Vitro study.
- Comparative evaluation of apical micro leakage following obturation with Zinc oxide eugenol based, resin based and a new polymeric endodontic filling – an in Vitro study.
- In Vitro evaluation of linear apical micro leakage following obturation with single cone thermoplasticized and lateral compaction techniques.

Post Graduate Department of Pedodontics & Preventive Dentistry

Research Topics:

- A comparative evaluation of caries prevalence in 6-12 years school-going children of urban and semi-urban areas around Trivandrum.
- Comparative evaluation of gingival status of Acute Lymphocytic Leukaemia patients under 15 years of age, before and after chemotherapy.
- Estimation of caries risk status using Dento-cult test in Early Childhood Caries affected children of Trivandrum City.

Post Graduate Department of Oral Medicine & Radiology

Research Topics

- Evaluation of existing treatments for Oral Lichen Planus
- Formulating a management protocol for Oral Lichen Planus
- Standardization of exposure parameters for digital radiography.





Association with National and International Universities

- Genova University, Italy - Students Exchange Programme
- Rutgers University, New Jersey, USA - Students and Faculty Exchange Programme
- Swiss International Academy of Osseo-integration and Maxillo Facial Research - Academic Collaboration for Laser Dentistry and Implant Programmes
- Saveetha University, Chennai, India



Swiss International Academy
of Osseo-Integration and Maxillo-Facial Research



Social Activities

Our Department of Public Health Dentistry runs many outreach Dental Health Programmes. Main activities under this are Anganwadi based community dental programme, School Dental Health Programme and Community based Dental Health Camps. Community Dental Programmes are arranged for Anganwadis in association with Municipality, Grama Panchayath and Integrated Child Development Scheme (ICDS) authorities which come under Social Welfare Department. This programme is carried out every week in Anganwadi's of our region. Dental Health education is given to mothers, adolescents and other Anganwadi beneficiaries. School dental health programme is also a weekly programme in which dental health education is given to a class of 50 students utilizing their class periods. After health education, dental screening is also conducted. In addition to these routine programmes we also conduct camps as requested by other schools, clubs and residence associations. We also organize treatment camps in our college for the camp patients.



CBCT

We at PMS ensure that our students are competent enough in utilizing any innovative and emerging technology in the field of Dentistry. Recent advances in cone beam computed tomography (CBCT) in dentistry have identified the importance of providing outcomes related to the appropriate use of this technology to Dental practitioners. PMS hold the pride of having a high resolution Cone Beam Computed Tomography (CBCT) machine (HDX WILL, DENTRI CBCT) with lowest radiation dose in the Department of Oral Medicine and Radiology. .

Unique Features

- Low radiation exposure
- High definition image and Full Field of View for Air Way studies including obstructive sleep apnoea disorders
- Compared to Conventional CT, Cone Beam CT technology uses a cone-shaped x-ray beam and a flat panel detector to produce 3D images with a much less radiation dose.

Graduating dental students and postdoctoral dental residents of PMS , especially in Periodontics, Oral and Maxillofacial Surgery, Prosthodontics, Endodontics, Orthodontics and Department of Advanced Dental Science, are adequately trained to utilize 3D images during their professional careers to provide patient care. Not only our students but also our patients are benefitted since it is clear that this type of imaging can result in exquisite images and can provide considerable beneficial diagnostic information, treatment planning especially in the field of Implantology.



Facilities



Library

The college has a spacious and well-stocked library. The computerized library with internet facilities and CD ROMS on dental topics, lectures of eminent doctors, reports of diagnosis and discoveries make information available at the fingertips of the students. There is a complete stock of international journals in dentistry and dental newsletters besides a database in the making on dental ailments handled by the college.

Mobile Dental Clinic

PMS Dental College has a fully equipped mobile dental clinic which is used to carry out dental treatment and screening at identified locations such as Schools, Anganwadies, Resident associations, Local community areas etc. and on-call basis as required.



Conveyance

The college is well connected to the city by public transport by KSRTC.

Our college buses ply between the city and the campus to provide transport facilities for students and faculty members. In order to assist students and staff from far off places, including foreign countries, arrangements for ticketing and vacation travel bookings are available at the Travel Desk.

The patients of the college are availing our free transportation from the nearby junction to the college. The State Transport Corporation also cater their services to the College campus on regular basis.

Canteen

A chic and cosy snack bar inside the main building provides students and staff with soft drinks and tit-bits. The College Canteen is a spacious area, with a view of greenery all around and a variety of refreshments & meals available. It tends to be the most popular place on campus, not only for physical refreshment but also for student bonding, discussions and even work on assignments and projects.



Swimming Pool

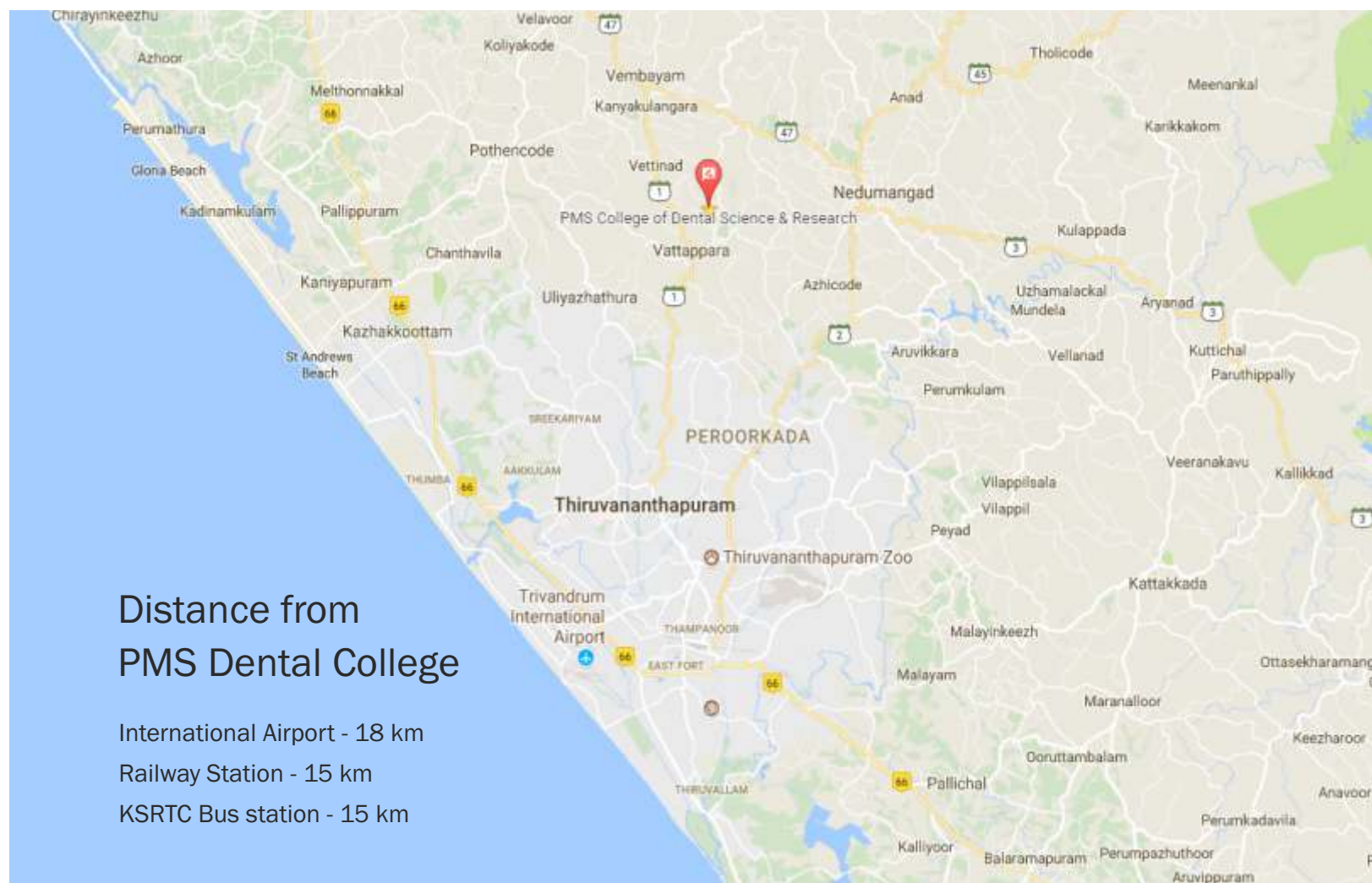
A swimming pool has been added to the other facilities for the use of students.

Hostel

The college provides separate hostels for girls and boys with comfortable and well-furnished lodging and boarding facilities, including air-conditioned rooms. Hostels have recreation rooms and playgrounds to keep both the mind and the body in fine shape. The Students' Welfare Officer makes regular visits to the hostels to ensure proper upkeep of the hostels and provision of all necessary facilities to the students. The hostel residents are given quality food prepared by experienced chefs in hygienic steam kitchens.

Sports Club

The college has its own spacious ground for the outdoor games. Along with these facilities, we have full gym facilities too. We also provide facilities for indoor games like Badminton, Table Tennis, Carom and Chess. The College team has won many intercollegiate sports events like Cricket, Table Tennis, Badminton, Carom and Volley Ball etc.



Places to visit in and around Trivandrum



Kovalam



Napier Museum



Sree Padmanabha Swamy Temple



Secretariat



Varkala Beach



Thumba



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