P.M.S. COLLEGE OF DENTAL SCIENCE AND RESEARCH
GOLDEN HILLS, VATTAPPARA, TRIVANDRUM 695 028

NAAC Accredited Dental College

Redefining Dental Education
A VISION REALISED

The grace of God Almighty is best reflected in parents with integrity and children who strive hard to realize their dreams. The late Sri. P. M. Shahul Hameed (1920-1995) was a parent who strived hard to give his children the best gift in life, quality education, at a time when few realised the wonders that education could work in the lives of men and women. The PMS College of Dental Science and Research is a monument to the memory of that visionary soul.
Certificate of Accreditation

The Executive Committee of the National Assessment and Accreditation Council on the recommendation of the duly appointed Peer Team is pleased to declare the PMSC College of Dental Science and Research, Vattappara, Dist. Thiruvananthapuram, affiliated to Kerala University of Health and Allied Sciences, Kerala as Accredited with CGPA of 2.65 on four point scale at B grade valid up to December 09, 2019.

Date: December 10, 2014

Director
THE INSTITUTION
The PMS College of Dental Science & Research is the first Health Institution in the state of Kerala, accredited to the National Assessment and Accreditation Council of India (NAAC) under the University Grants Commission, Government of India. The Institute is recognized by the Dental Council of India and has affiliation with the University of Kerala and the Kerala University of Health Sciences (KUHS).

VISION
Our primary vision is “to be an outstanding Dental & Research Institute of international repute for producing Dental professionals with skills, knowledge & values”.

MISSION
1. Promote sustainable development of dental & allied health education, consistent with statutory & regulatory requirements.
2. Plan & continuously provide excellent infrastructure, learning resources required for quality education & innovations.
3. Impart awareness on dental science & oral health to the society with special reference to educational institutions.

ADMINISTRATION
The PMS College of Dental Science & Research is the first self-financing Dental College in Kerala started in the year 2002. Dr. P. S. Thaha Chairman of the College is also the Managing Director of Thaha Medical Group Abu Dhabi and Super Speciality Dental Centre Trivandrum. A former Professor of Government Dental College, Trivandrum Dr. Thaha has mastered in Periodontics and Implantology. Dr. Thaha’s rich experience and trainings from countries like US, UK, Malaysia, South Africa and Middle East has prompted him to introduce most modern developments in the field of Dentistry to the dental education to the budding dentists at PMS Dental College. Recognizing Dr. Thaha’s contribution to the field of Dentistry and Dental Education Government of Kerala honoured him with the “Denta Shrestha” Award in 2015. He was a member of Dental Council of India under nomination from Government of Kerala. As a visionary and philanthropist Dr. Thaha is recipient of many awards like the one presented by the Embassy of India, Abu Dhabi, Non Resident Indian Welfare Society etc. Dr. Thaha was also nominated by Government of Kerala to Norka Roots. He is also a life time member of Indian Dental Association, Asian Academy of Implant Dentistry, Indian Institute of Oral Implantology and the Indian Society of Periodontics.
COURSES CONDUCTED

• BDS  5 ½ Years duration
• MDS   3 Years duration

Specialities -
• Conservative Dentistry & Endodontics
• Periodontics & Oral Implantology
• Prosthodontics and Crown & Bridge
• Oral & Maxillofacial Surgery
• Orthodontics & Dentofacial Orthopedics
• Pediatric and Preventive Dentistry
• Oral Medicine & Radiology
• Oral and Maxillo Facial Pathology & Microbiology

• Diploma in Laser Dentistry Genova University, Italy
• Diploma in Implantology Genova University, Italy

ACADEMIC YEAR AND FACULTY

The PMS academic year for BDS course starts in the month of September and MDS course in May. Curriculum is designed by the Dental Council of India and the Kerala University of Health Sciences. BDS course is five years and six months and MDS is of 3 years duration. In association with the University of Genova , Italy, PMS College of dental science & research conducts contact classes and offers Diploma in laser Dentistry & Diploma in Implantology. Both BDS and MDS students are evaluated and progress level is checked regularly through academic committees, departmental meetings. Personal counselling is also provided for weak students. Continuing Dental Education (CDE) programs and lecturers by eminent speakers well-known professors are regular feature of academic year. PMS students participate in University youth festivals and many won awards for best performances. They also participate in environment improvement programs.
INFRASTRUCTURE

Perched on the greenery of Golden Hills in Vattappara, Trivandrum capital of Kerala the PMS campus is also a destination point for medical tourism and higher education. Spreading over 2,55,000 square feet the PMS houses leading departments of Dentistry and related researches, with well-equipped library (with free Wi-Fi facility) and hostel accommodation for scholars. The present intake of BDS course is 100 per year and Post Graduate course-MDS in specialities of (i) Conservative Dentistry & Endodontics, (ii) Periodontics and Oral Implantology (iii) Prosthodontics and Crown & Bridge (iv) Oral and Maxillofacial Surgery (v) Orthodontics & Dentofacial Orthopedics (vi) Pedodontics and Preventive Dentistry (vii) Oral Medicine & Radiology (viii) Oral & Maxillo Facial Pathology and Microbiology.

The College has well-equipped in-house Medical Department and holds well-trained and experienced teaching faculty with senior professors leading all departments. Gadgets for the state of art of Dental Education is affixed in the class rooms, lecturer halls with live telecast of surgery and laboratories with most modern equipments. The College has tie up with leading hospitals in Trivandrum like Regional Cancer Centre, Kerala Institute of Medical Science and Sree Uthradam Thirunal Hospital. Above all providing Dental Education at par with International standard the PMS is conducting Diploma in Laser Dentistry in colloboration with the University of Genova, Italy.

RESEARCH

The Scientific Committee and the Ethical Committee of the PMS Dental College is headed by external experts in the relevant fields and is under the regulations of the Indian Council for Medical Research. The College has an ongoing Department of Bio Technology project for stem cell research financed by the Government of India. The PMS College of Dental Science & Research also holds license from the Government of India for conducting clinical trials. The research findings are published in the PMS JMFSR – Journal of Maxillofacial Science & Research with International Standard Serial No. (ISSN – 2348-9030).

SCIENTIFIC PUBLICATIONS

Faculties are actively involved in publishing, and more than 350 articles have been published in international journals. Both MDS & BDS students are encouraged to make scientific publications, presentations and attend conferences.
ON GOING RESEARCH ACTIVITIES

1. **Post Graduate Department of Periodontics and Oral Implantology**
   - 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.
   - Comprehensive evaluation of molecular mechanisms of periodontal disease.
   - Comparative evaluation of efficacy of clarithromycin versus Amoxicillin – metronidazole combination as an adjunct to scaling and root placing in chronic generalized periodontics – A Randomized Controlled clinical trial.

2. **Post Graduate Department of Prosthodontics and Crown & Bridge**
   - 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

3. **Post Graduate Department of Conservative Dentistry and Endodontics**
   - 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 thermos plasticized and lateral compaction techniques.

4. **Post Graduate Department of Orthodontics and Dentofacial Orthopedics**
   - 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.

5. **Post Graduate Department of Oral and Maxillofacial Pathology & Microbiology**
   - 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)

6. **Post graduate Department of Oral Medicine and Radiology**
   - Evaluation of existing treatments for Oral Lichen Planus
   - Formulating a management protocol for Oral Lichen Planus
   - Standardization of exposure parameters for digital radiography.

7. **Post graduate Department of Pedodontics and Preventive Dentistry**
   - 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.
8. Post graduate Department of Oral and Maxillofacial Surgery
   • 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.

9. Department of Community Dentistry
   • 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

SOCIAL ACTIVITIES
Under the auspices of the department of community dentistry, regular dental camps are held in schools, villages, tribal colonies and Anganwadis. Department of community dentistry is also instrumental in organizing regular dental exhibition, Free oral cancer camps, adoption of Village & Schools, Exhibitions, smart- mobs, Street plays and Blood donation camps. The college also provides free treatment for patients below poverty line and subsidized treatment at low cost for low income groups. A modern well equipped Mobile Dental Clinic is used for conducting dental treatment camps in rural areas.

FACULTIES
Faculty appointments are made from the cream of the best selected from reputed institutions strictly according to the norms prescribed by the State Government. PMS faculty consists of University qualified Phd guide; qualified teaching faculty with Phd and Mphil. Faculty members participate in national and international forums and in television programs on Health Education.

Principal
Prof. Dr. N. O. Varghese

Vice Principal
Prof. Dr. Rajesh Pillai

Director of Academics
Prof. Dr. Bindu J. Nair

Director Post Graduate Studies
Prof. Dr. Sudeep. S.

Oral Medicine & Radiology
Dr. Vivek V.
Professor & HOD
Dr. Sunila Thomas
Professor
Dr. D. A. Vineet
Reader
Dr. Jincy Thomas
Reader
Dr. Ranimol P.
Sr. Lecturer

Oral & Maxillofacial Surgery
Dr. Surej Kumar L. K
Professor & HOD
Dr. Suvy Manuel
Reader
Dr. Rakesh Koshy
Reader
Dr. Nikhil Kurien
Reader
Dr. Sherin A. Khalam
Sr. Lecturer

Conservative Dentistry & Endodontics
Dr. Rajesh Pillai
Vice Principal & HOD
Dr. Unu S.
Reader
Dr. Asha Sarah Jacob
Reader
Dr. Afzal A.
Reader
Dr. Shan Sinudeen
Sr. Lecturer
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<td>Dr. Madhav Manoj Professor</td>
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<td>Dr. Deepu Leander Professor</td>
<td>Dr. Arunima P. R. Reader</td>
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<td>Dr. Reshma Raveendran Sr. Lecturer</td>
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<td>Dr. Alex Mathews Muruppel Professor &amp; HOD</td>
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<td>Dr. Dinesh N. Reader</td>
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<td>Dr. Sapna Bhaskaran Reader</td>
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<td>Dr. Sheeba H. Gladstone Reader</td>
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<td>Dr. Noxy George Manjuran Sr. Lecturer</td>
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<td>Dr. Mali Patil Professor, Anatomy</td>
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<td>Mrs. Babitha K. Vazhayil Sr. Lecturer, Pharmacology</td>
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<td>Dr. Vineeth Bal Joshy Professor, Physiology</td>
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