



PUSHPAGIRI

We care God cures

COLLEGE
OF
DENTAL
SCIENCES

Reflections

Official Newsletter of
Pushpagiri College of Dental Sciences, Tiruvalla

Dental College in Kerala with the highest NAAC Accreditation



Reflections



Our vision

We Care God Cures

Our mission

To work towards a knowledge based society with life in abundance through science and technology, improving health care for our immediate community, the state, the country and the world at large

Pushpagiri College of Dental Sciences started in the year 2006 with an annual intake of 50 students for BDS. The College is recognized by Dental Council of India and Department of Health & Family Welfare of Government of India. The College was initially affiliated to the Mahatma Gandhi University, Kottayam, Kerala and is currently affiliated to Kerala University of Health Sciences (KUHS) Thrissur, Kerala.

Pushpagiri College of Dental Sciences has been elevated to the status of a Post Graduate Institute in 2013 with the commencement of MDS courses in the Departments of Prosthodontics and Crown & Bridge, Periodontics and Oral and Maxillofacial Surgery. In 2014 MDS courses in Conservative Dentistry & Endodontics and Orthodontics was started. Presently we have 12 MDS admissions per year. All MDS courses are recognized by Dental Council of India and Department of Health & Family Welfare of Government of India.

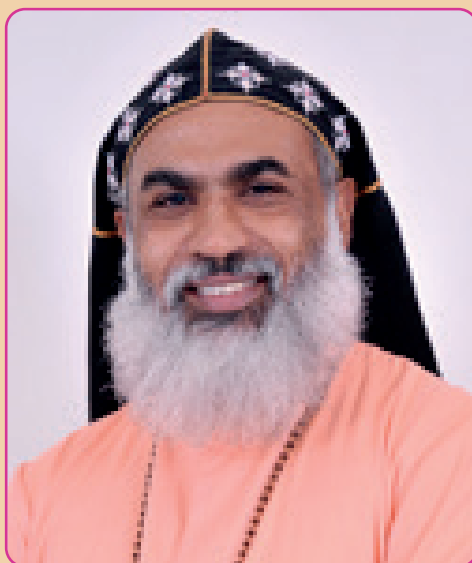
Pushpagiri College of Dental Sciences is housed in the second campus of Pushpagiri Medical Society, The Pushpagiri Medicity; which is 3 kilometers away from Tiruvalla town beside the state highway (S.H-I) (previously Main Central Road) at Perumthuruthy.

The Pushpagiri Medical Society, a society registered under the Travancore-Cochin Literary Scientific & Charitable Societies Registration Act of 1955, manages the College. The Archbishop of the Catholic Archdiocese of Tiruvalla Most. Rev. Dr. Thomas Mar Koorilos is the Patron of the society and a seven member governing board is the policy laying body of the Society. Rev Dr Shaji Mathews Vazhayil is the Secretary of the Pushpagiri Medical Society and Chief Executive Officer of Pushpagiri group of institutions. Rev. Fr. Aby Vadakkumthala is the director of Medicity.

Dr.K.George Varghese is the Principal. He is currently serving also as member of Dental Council of India and member of Faculty of Dental Sciences, KUHS. Dr. Benley George is the Vice Principal (Administration) and Dr.Biju Sebastian is the Vice Principal (Academics) of PCDS. PCDS is the highest NAAC accredited dental college in Kerala.



Rev Dr Shaji Mathews Vazhayil
Chief Executive Officer



Patron
Most. Rev. Dr. Thomas Mar Koorilos
Metropolitan Archbishop of Tiruvalla



Rev .Dr. Mathew Mazhavancheril
Director, Academics and research



Rev. Fr. Aby Vadakkumthala
Director, Medicity



Dr.K.George Varghese
Principal



Dr. Benley George
Vice Principal Administration



Dr. Biju Sebastian
Vice Principal Academics

Principal's Message

Principal's Message



Seasons greetings and happy new year to all from Pushpagiri College of Dental Sciences.

I have great pleasure in sharing with you the first edition of our newsletter "Reflections". We are intending to publish this bi annually highlighting the achievements of Pushpagiri College of Dental Sciences in research activities, organizing conferences and meetings, scientific publications and presentations. Achievements of our faculty, students and cultural activities organized in the college also find a place in this. Year 2017 has also seen a quantum leap in our patient inflow that provides our students with excellent opportunity to horn up their clinical skills.

I congratulate all the faculty members and students for excelling in every initiative they have undertaken and for working together in facing the challenges in realizing quality dental education.

-Dr.K.George Varghese

RESEARCH FACILITY

Pushpagiri Research Centre(PRC) is the brain child and a brave endeavor of Rev. Fr.Dr. Mathew Mazhavancheril. It is a Scientific and Industrial Research Organization (SIRO) recognized by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India.PRC was initiated in 2009 and functions in Pushpagiri Medical College Campus as a central research facility.

PRC features open-plan, multifunctional research Laboratory and it conducts and promotes research in interdisciplinary areas of Science such as Tissue Engineering, Phytoceutical research, Molecular Biology, Cell Culture, Microbial Technology, Metabolic disorders, Biochemistry and Nanotechnology.

PRC offers a unique, pluralistic and open research culture that is supported by high-end infrastructure and instrument facilities .Various research schemes are funded by State & Central Government agencies like DST, DBT, ICMR, BRNS and International agencies like Bill and Melinda Gates Foundation.

PRC mainly focuses on translating the ideas from laboratory to commercial market. The research centre is currently carrying out various researches in wound healing, tissue regeneration, synthesis of green nanoparticle, drug delivery, drug discovery and inborn errors of metabolism in collaboration with various institutions. PRC is having MOU with various government institutes like HLL-Trivandrum, CIFT-Kochi, MG University-Kottayam and private institutes like MACFAST-Tiruvalla, VIT-TamilNadu, Mar Ephraim College -Marthandam, SRM University-TamilNadu, Polyskin-Alleppey, Yenepoya-Mangalore etc. PRC is recognized as an approved research center by KUHS. Dr. Benley George(Vice principal and HOD Dept of Public Health Dentistry),Dr. Thomas George (HOD, Dept of Periodontics)and Dr. Sunil.S (HOD,Dept of Oral Pathology) of PCDS are approved PHD guides.



The Central Institute of Fisheries Technology (CIFT) Cochin has signed an MOU with the Pushpagiri Medical Society. The MOU will facilitate the development of artificial tissues for dental, orthopedic and cosmetic applications and various marine based formulations for medical, food and UV protective product development. MOU was signed by Rev .Dr. Mathew Mazhavancherril, Director, Academics and research, Pushpagiri group of institutions and Dr. Ravishankar C.N: Director, ICAR-CIFT in presence of Dr. Yogesh Dalvi, Research Coordinator and Scientist, PRC, Dr. Nebu George Thomas, Scientist, PRC, Dr. Ashok Kumar K :HOD, FP Division, ICAR-CIFT, Dr. Suseela Mathew: HOD, B&N Division, ICAR-CIFT, Dr. Zynudheen AA, HOD , QAM Division, ICAR-CIFT and Dr. Satyen Kumar Panda, Senior Scientist, ICAR-CIFT.

RESEARCH AREAS

EPIDEMIOLOGICAL STUDIES	PERIODONTAL TISSUE RESPONSE TO DIABETES	NEW ORTHODONTIC WIRES-IN VIVO STUDIES
BIOMECHANICS OF ROTARY ENDODONTIC FILES	BIODEGRADATION OF RESIN RESTORATIVES	DETECTION OF PREMALIGNANT LESIONS
PHOTOFUNCTIONALIZED DENTAL IMPLANTS	ORTHODONTIC MICROIMPLANTS	CEPHALOMETRIC NORMS FOR KERALA POPULATION
ROOT CANAL ASEPSIS	PHYTOCEUTICAL RESEARCH	3D PRINTING
NANOPARTICLES IN ENDODONTICS	ORTHODONTIC PAIN MANAGEMENT	NANOMATERIALS IN ORTHODONTICS
BIOACTIVE GLASSES IN PERIODONTAL REGENERATION	MARINE DERIVED HYDROXY APPATITE IN BONE REGENERATION	ELECTROSPINNING FOR FABRICATION OF GTR MEMBRANE
LASERS IN PERIODONTAL TREATMENT	NANOCLAY INCORPORATED DENTAL MATERIALS	MANAGEMENT OF TMJ DISORDERS

RESEARCH PROJECTS

Dept. of Conservative Dentistry & Endodontics

- An in vitro evaluation of the biodegradation of dental resin composites and adhesives by Streptococcus mutans UA 159 esterase using HPLC and SEM.
- Comparative evaluation of effect of three different concentrations of modified triple antibiotic paste with three different concentrations of Sodium hypochlorite used in regenerative endodontic procedure on a three week old E.faecalis biofilm
- Comparative evaluation of Single file Rotary and Reciprocating system in curved root canals of extracted mandibular first molars - A bacteriological and morphometric study.
- Comparative evaluation of modified Triple antibiotic paste with other medicaments used in regenerative endodontics on the bonding of an epoxy resin based sealer and on the morphology of radicular dentine using SEM – An in vitro study.
- Comparative evaluation of degree of conversion of light cure and dual cure resin luting cements through a light transmitting fibre post – An in vitro study
- To compare and evaluate effect of cross linking agents at clinically relevant application times on dentin stabilization –An in vitro study
- Comparative evaluation of antibiofilm efficiency of Chitosan nanoparticle and Zinc oxide nanoparticle incorporated calcium hydroxide based sealers – An in vitro study..
- Comparative evaluation of the effect of root canal irrigants on the surface alteration and cyclic fatigue of single use Ni-Ti files- An Atomic force microscopic study
- Evaluation of antibacterial and smear layer removal efficacy of silver nanoparticles as final irrigant against E-faecalis; A Confocal laser scanning electron microscope and SEM study

Faculty Research

- Chlorhexidine release from an experimental bioceramic sealer and its antibacterial effect
- Comparative evaluation of Anti bacterial effect of Biopure MTAD and Triple antibiotic paste
- CBCT Analysis of canal morphology of mandibular premolar
- Antibiofilm efficacy of Nano particle incorporated Calcium hydroxide sealers

Dept. of Prosthodontics

- Evaluation of stress distribution of implants with different diameters ,lengths and angulations in an edentulous mandible. a 3d finite element analysis
- Evaluation of masticatory muscle activity in complete denture wearer using surface electromyography
- A comparative evaluation of peri-implant bone levels around delayed loading implants using cone beam computed tomography and radiovisiography
- Comparative evaluation of flexural strength ,dimensional stability and colour stability of flexible denture base material and heat cure acrylic denture base material :An invitro study
- Analysis of preoperative and postoperative stress levels in complete denture patients using salivary stress markers:an invivo study
- Comparative evaluation of anticandidal property of silver nanoparticle and sodium hypochlorite as denture cleanser
- Effect of thermocycling on flexural strength and Vickers microhardness of two machinable ceramics
- Assessment of post insertion problems and their relation with oral and denture hygiene among removable denture wearers in a tertiary dental institution in south kerala
- Role of photofunctionalization on osseointegration of dental implants :A histomorphometric study in rabbits

Faculty Research

- A method for quantitative assessment of complete denture quality – a retrospective study
- Evaluation of effect of silicon nitride coated dental implants
- Extraoral and Intraoral TENS in management of Temporomandibular joint dysfunction.
- Reliability of facial measurements for determining the vertical dimension of occlusion in kerala population.
- Effect of complete denture rehabilitation on oral health related quality of life in complete edentulous patients.

Dept. of Oral and Maxillofacial Surgery

- Efficacy of autogenous autoclaved calvarian bone in reconstructing post craniectomy defects: a prospective study
- Versatility of transmasseteric antroparotid approach in open reduction and internal fixation of condylar fracture: a prospective study
- Comparison of two miniplates and delta plates in open reduction and internal fixation of subcondylar fracture: a prospective observational study
- Stability of reduced zygomatic arch fracture with and without foley's catheter: a prospective observational comparative study
- Comparing the efficacy of 3d ti miniplates and standard ti miniplates in the osteosynthesis of mandibular symphysis and parasymphysis fractures: a prospective observational study
- A comparative clinical study on efficacy of inter maxillary fixation with self tapping screws, erich arch bar & ivy eyelet wiring in the treatment of mandibular fractures: a prospective observational study
- A prospective observational study comparing the efficacy of mandibular symphysis graft versus titanium mesh in reconstructing floor in orbital blow out fractures
- Comparative evaluation of envelope flap, comma incision based distolingual flap and triangular flap designs in mandibular impacted third molar surgery.
- Evaluation of the functional efficiency of elevator masticatory muscles in zygomaticomaxillary complex fractures: a prospective observational study
- Socket preservation with fish scale derived hydroxyapatite- an animal experimental study

Dept. of Periodontics

- Comparative evaluation of green tea catechin gel and chlorhexidine gel as an adjunct to SRP in chronic periodontitis patients: a 2 month clinical study
- The short term effects of systemic doxycycline and diode laser as adjuncts to non-surgical periodontal therapy on the glycemic control of chronic periodontitis patients with type 2 diabetes mellitus
- Comparative evaluation of efficacy of autologous platelet rich fibrin with decalcified freeze dried bone allograft over decalcified freeze dried bone allograft alone in the treatment of mandibular grade -2 furcation – A randomized controlled clinical trial
- Estimation of serum levels of vitamin B12, Folic acid, Calcium and Magnesium in patients with Chronic Periodontitis- A Cross-sectional analytical study.
- A comparison of cemental changes among maxillary central incisors with advanced periodontal disease versus an intact periodontium-A SEM study.
- To investigate the association of chronic periodontitis with serum lipids&TNF α in non-obese individuals. A Clinico-biochemical study.
- Socket preservation with bioactive glass alone or bioactive glass combined with PLATELET RICH FIBRIN(PRF):a clinico radiographic study
- Detection of herpes virus in patients with generalized chronic periodontitis and its relationship with clinical parameters

Faculty Research

- Periodontitis and Diabetes mellitus
- Periodontitis and its prevalence
- Treatment of intra bony defect with PRF

Dept of Orthodontics

- Comparative evaluation of probiotic toothpaste and aloe vera tooth gel in reducing streptococcus mutans level in plaque around orthodontic brackets- a randomized controlled study
- Alignment efficiency of coaxial tubular superelastic nickel titanium in comparison to single stranded superelastic nickel titanium in relieving mandibular anterior crowding – a randomized controlled study
- Cephalometric hard tissue pattern of Keralite female adults with esthetic facial profiles
- Comparative evaluation of topical application of probiotic and neem toothpaste in reducing streptococcus mutans in plaque around orthodontic brackets with respect to fluoridated toothpaste as control- a randomized controlled study
- Facial soft tissue norms of Keralite adult females with esthetic profiles- a cephalometric study
- Comparison of shear bond strength and estimation of adhesive remnant index between 3d printed customized lingual buttons and prefabricated lingual buttons- an invitro study
- Facial soft tissue norms of Keralite adult males with esthetic profiles- a cephalometric study
- Cephalometric hard tissue pattern of Keralite male adults with esthetic facial profiles

Faculty Research

- Comparative efficiency of coaxial tubular superelastic Nickel Titanium with single stranded superelastic Nickel Titanium in arch wire expansion- a randomized control study.
- Comparative evaluation of pain alleviation by transcutaneous electric nerve stimulation and cryotherapy for orthodontic patients undergoing fixed appliance therapy- a clinical trial.
- Comparative evaluation of plaque reduction in triclosan coated elastomeric chain versus chlorhexidine coated elastomeric chain in orthodontic patients undergoing fixed appliance therapy
- Microscopic histochemical evaluation of orthodontic miniscrew implants- an in vivo animal study.
- Need for interceptive orthodontics among 9-14 year old children.

Dept of Oral Pathology

- Non-metric dental traits analysis in Kerala Population: A Forensic Overview
- F bodies in forensic identification : a multimodular evaluation.
- A DNA study by restriction fragment length polymorphism on lobster claw syndrome patients.
- Exfoliative cytology on the oral mucosa of type 11 diabetic patients.
- p53 in oral biopsies of oral squamous cell carcinoma – a comparative study with malignancy grading system.
- Variations in the frenal attachments in school children.
- Occurrence of diversity in cuspal pattern of maxillary 2nd molars.
- Prevalence of tongue lesions in school children of central travancore.
- Taurodontism in extracted maxillary premolars.
- Honey and Jaggery as Formalin substitutes in histopathology :- A pilot study
- Forensic evidences from facial hair[eyebrows, eyelashes, moustache and nostrils]- An institutional study
- Facial reconstruction in forensic identification
- Facial superimposition in forensic identification
- Age estimation method from tooth:- Gustafson's method
- Age estimation method from tooth:- Cemental annulation

- Age estimation method from tooth:- biochemical- amino acid racemization method
- Xylene substitutes in histopathology tissue processing.
- Barcoding of dentures – An institutional study
- Pulp in sex determination- A forensic overview
- Anticancer effects of papaya
- Regeneration of tooth structure
- Prediction of pathoses from blood investigation
- Association of hepatitis C virus and lichenplanus
- Assessment of anticancer effect of Moringa

Dept of Public Health Dentistry

- Development of an Indigenous Oral Cancer Detection Device.
- Comparative evaluation of the efficacy of Natural & Chlorhexidine Mouthwash on gingival health- A Randomised Control Study.

Dept of Oral Medicine and Radiology

- Prevalence of developmental anomalies of teeth in a tertiary centre in Kerala. A retrospective panoramic radiographic study.
- Trace element levels in Oral Pre Cancer

Dept of Pedodontics

- Clinical retrospective study on the reason and time for first dental visit.
- Clinical retrospective study on the incidence of caries on the first permanent molars and its relationship to caries status in the primary dentition
- Screening of Ayurvedic formulations prepared using phytochemicals for the control of dental caries pathogen- Streptococcus mutans
- Assessment of Oral Health-Related Quality of Life of Children Before and After Full Mouth Rehabilitation Under General Anesthesia.
- Screening of Manuka honey for the control of dental caries pathogen-streptococcus mutans-.
- A comparative evaluation of labial endodontic access with conventional palatal access in primary anterior teeth – A pilot study.
- Evaluation of microleakage of class II cavities of primary molars restored using different combinations of RMGIC, hybrid composites and SDR- a novel bulk fill composite- A comparative in-vitro study.
- Effectiveness of GIC used a pit and fissure sealant when compared to conventional pit and fissure sealant- A retrospective study.
- Evaluation of Halls technique and conventional stainless steel crown used in primary lower second molar- A retrospective study
- Antimicrobial efficacy of edible oil against oral pathogens.

Scientific Publications in 2017

Dept of Conservative Dentistry & Endodontics

- Santhosh D, Devadathan A, James B, Mathew J, Nair M. Calcified root canals. KDJ 2017;40(2):134-39.
- Devadathan A, Jacob J, Simon A M, Thomas A, Nair N. A Mode of failure of amalgam restorations bonded with resin adhesive and light cure glass ionomer liner/base – A SEM study. Journal of advanced medical and dental science research May 2017;5(5):77-81.
- Devadathan A, Simon AM, Mathew J, James B, J Rahul. Influence of different light curing protocols on the degree of conversion of the bulk- fill composite: An in- vitro study. Int J Res Health Allied Sci 2017; 3(4):22-6.
- Mathew J, Syriac G, Nair M, Rahul J. Conventional Multivisit calcium hydroxide apexification with rare apexogenesis like outcome and novel single visit MTA Apexification followed by Root Reinforcement with fiber post: Two Case Reports. Saudi J.Oral.Dent.Res 2017;2(2):43-48.
- Nair M, Rahul J, Devadathan A, Mathew J. Incidence of endodontic flare-ups and its related factors:A retrospective study. J Int Soc Prevent Communit Dent 2017;7:175-9

Dept of Pedodontics

- Syriac G, Joseph E, Rupesh S, Mathew J, Philip J, Cherian SA. Prevalence, characteristics and complications of supernumerary teeth in nonsyndromic pediatric population of South India. J Pharm Bio All Sci, Vol 9 (5);231-236,2017
- Syriac G, Joseph E, Rupesh S, Mathew J. Complete overlay denture for a pedodontic patient with severe dentinogerosus imperfect. Int J Clin Pediatr Dent 2017;10(4):394-398
- Sunu Alice Cherian, Elizabeth Joseph, Rupesh S, GibiSyriac, John Philip. Knowledge and practice of oral health among anganwadi workers of a community block panchayath. Submitted to the Journal of Indian Society of Pedodontics and Preventive Dentistry. (Current status: Editorial review)
- Sunu Alice Cherian, Elizabeth Joseph, S. Rupesh, Gibi Syriac, John Philip Empowerment of anganwadi workers in oral healthcare – a kerala experience.. International Journal of Clinical Pediatric Dentistry.
- Mathew J, Syriac G, Nair M, Rahul J. Conventional Multivisit calcium hydroxide apexification with rare apexogenesis like outcome and novel single visit MTA Apexification followed by Root Reinforcement with fiber post: Two Case Reports. Saudi J.Oral.Dent.Res 2017;2(2):43-48.
- Mathew J, Nair M, Nair N, James B, Syriac G. Ocular hazards from use of light emitting diodes in dental operatory. Journal of Indian Academy of Dental Specialist Researchers 2017;4(1):28-31.

Dept of Public Health Dentistry

- Salam N, Mulamoottil VM, George B. Assessment of Microbial Contamination in Dental-Unit Water Lines: An Analytical Study. J Indian Assoc Public Health Dent 2017;15:97-101.
- Asokan AG, Jaganathan J, Philip R, Soman RR, Sebastian ST, Pullishery F. Evaluation of bone mineral density among type 2 diabetes mellitus patients in South Karnataka. J Nat Sc Biol Med 2017;8:94-8.
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Dept of Oral Pathology

- Baby TK, Sunil S, Babu SS. Nonmetric traits of permanent posterior teeth in Kerala population: A forensic overview. J Oral Maxillofac Pathol 2017;21:301-8.
- Mathew AL, Joseph BB, Sarojini DM, Premkumar P, Nair SS. Mucoepidermoid carcinoma of palate - a rare entity. Clinics and Practice. 2017;7(4):1009.
- Mathew AL, Daniel MP, Babu SS, Nair SS. Epithelioid hemangioendothelioma of upper lip: A rare entity. J Indian Acad Oral Med Radiol 2017;29:47-9.
- Sunil S, Babu SS, Panicker S, Pratap N. Sialadenoma papilliferum: A rare case report and review of literature. J Can Res Ther 2017;13:148-51.

Dept of Oral Medicine and Radiology

- Mathew AL, Daniel MP, Babu SS, Nair SS. Epithelioid Hemangioendothelioma of upper lip. A rare Entity. J Indian Acad Oral Med Radiol. 2017; 29:47-49.
- Mathew AL, Mathew R, Syriac G, Joseph J. True Hemifacial Hyperplasia- Clinical presentations and Treatment options. Dental Res Manag. 2017; 2:2-54.
- Mathew AL et al. Prevalence of Fissured tongue in a South Indian population – A Cross- Sectional Study. J Ora Med. 2017; 1 (9): 1-3.
- Mathew AL et al. Synchronous multiple primary squamous cell carcinoma – A rare entity. Indian J Case Reports. 2017; 3 (4): 261-263.
- Mathew AL et al. Mucoepidermoid carcinoma of palate- A rare entity. Clinics and Practice. 2017; 7(1009): 145-147.
- Jacob LE et al. A Rare Case of Encephalotrigeminal Angiomatosis- A Case Report. Int Dent Res 2017; 7: 13-16.
- Dens Evaginatus on Occlusal surface of maxillary first premolar. Published in KDJ. 2017/Vol.40/No.3/ Pg.234-235.
- Effect of Mobile Phone Radiation on Quality of Intra oral/ Periapical Radiograph (IOPA). Experimental study accepted for publication in L (2017-2018)
- Nano Technology Needed for new perspective in dentistry. International Journal of Current Research 2017;7(10):59335-59337.
- Recent Advancement in Diagnostic & Therapeutics in over coming burning mouth syndrome. International Journal of Developmental Research 2017;7(10)16198-16200.

Dept of Orthodontics

- Kenniyan Kumar Srichinthu, Arjun Parameshwar Raveendran, Periyasamy Tamilthangam, Joseph Joe Molecular pathogenesis and diagnostic imaging of metastatic jaw tumors. Journal of pharmacy and bioallied sciences Nov 2017;9:S15-22
- Nitin Pratap, P.M. Sunil, C.B. Sudeep, Vivek Suku Ninan, Arun Tom, M.R. Arjun Platelet rich plasma and incidence of alveolar osteitis in high risk patients undergoing extractions of mandibular molars-case control study. Journal of pharmacy and bioallied sciences Nov 2017;9:S173-9
- Alignment efficiency of coaxial tubular superelastic nickel titanium in comparison to single stranded superelastic nickel titanium in relieving mandibular anterior crowding – a randomized controlled study.

Dept of Prosthodontics

- Kuruvilla A, Joseph S, Menon SK. Maintenance of diastema through loop connector-A case report, Guident, Vol.10, Issue 4, March 2017;16-17.
- Kuruvilla A, Joseph S, Namratha Lakshmi J, Menon SK. Key to the management of pier abutment :an alternative approach: journal of international oral health.
- Namratha Lakshmi J, Mathew A, Menon SK. Minimum preparation bridge :A conservative option for single tooth preparation –a case report, Guident, Vol 10, Issue 6, May 2017:14-16.
- Namratha Lakshmi J, Mathew A, Menon SK, Kuruvilla A. Porcelain Laminate Veneers-A novel dimension to minimalism in prosthodontics: Case Series; Journal of international oral health; 2017, Vol 8, 813-816.
- Assessment of implant stability during various stages of healing placed immediately following extraction in an overdenture situation. Koshy AT, Mathew A, Mathew N, Joseph AM. The Journal of Indian Prosthodontic Society Jan-Mar 2017 | Vol 17, issue 1, 75-79.

Dept of Oral and Maxillofacial Surgery

- Koshy S et al. Intraoral Removal Of Salivary Stone From The Proximal Duct: A Case Report, Int J Dent Health Sci 2017; 4(2): 366-70
- Babu S.S., Sunil. S, Pratap N, Thomas Eapen. Intraosseous Lipoma of The Maxillary Tuberosity: A Rare Entity With Diagnostic Challenge. Journal of cancer Research and therapeutics

Dept of Periodontics

- Thomas George V ,Saumya John, Sreejith C K ,Merry Mariyam Varghese .Photodynamic therapy-a new ray of hope in periodontics. International Journal of Contemporary Medical Research 2017;4(2):425-429.
- Thomas George V, Saumya John, Annu Elizabeth Joseph, Bindiya Balram, Sreejith C K, Merry Mariyam Varghese. Detection of Herpes Simplex Virus in Chronic Generalized Periodontitis via Polymerase chain Reaction –A Pilot study. International Journal of Contemporary Medical Research 2017;4(3):729-732.
- Thomas George,Bindiya Balram,Annu Elizabeth Joseph,Merry Mariyam Varghese,Neethu mercy James-Critical evaluation of minimally invasive surgical procedures,KDJ 2017;40(4)205-214
- John S,Kurumathur A,Talwar A,Kumar K,Abraham T, Alagri A,Gnanasagar W ,Clements J. Expression of B7-H3 molecule in periodontal diseases.J Dent (Shiraz)2017;18(1):1-6
- A rare case of encephalotrigeminal angiomatosis:a case report, International dental research,2017;7(1):13-16

Academic activities

LECTURE & HANDSON WORKSHOP ON
RESEARCH METHODOLOGY
RESOURCE PERSON DR.SUSAN THOMAS, DR.
VIVEK NARAYAN (DEPT OF COMMUNITY
DENTISTRY, GOVT. DENTAL COLLEGE, KOT-
TAYAM)
DATE; 02 08 2017



LECTURE & HANDSON WORKSHOP ON
CBCT RESOURCE PERSON DR. DR. SREELA
AND TEAM, DEPT OF ORAL MEDICINE,
GOVT. DENTAL COLLEGE, KOTTAYAM)
DATE; 23.08.17



BASIC LIFE SUPPORT (AMERICAN HEART
ASSOCIATION BLS PROGRAM)
RESOURCE PERSON;DR.VINOD VMG &
TEAM
DATE: 14 July 2017



LECTURE & HANDSON WORKSHOP ON
RESTORATIVE DENTISTRY: A NEW HORIZON
RESOURCE PERSON; DR.MEERA PRASANTH
DATE:08.03.2017

LECTURE & HANDSON WORKSHOP ON
MULTILAYER ING IN ESTHETIC COMPOSITE
RESTORATIONS
RESOURCE PERSON DR. SWATHICHANDRAN
DATE;17 MAY 2017

ORIENTATION PROG ON RESARCH FOR
FACULTY

RESOURCE PERSON: DR. NANDAKU-
MAR KALARICKAL, SCHOOL OF NANO
TECHNOLOGY, MG UNIVERSITY

02 AUG 2017

ORIENTATION PROG ON RESARCH
FOR

STUDENTS

RESOURCE PERSON: DR. PHILIP
MATHEW & TEAM DEPT. OF COMMU-
NITY MEDICINE

07 AUG 2017



CDE ON "DENTAL IMPLANTS THE
WAY THEY OUGHT TO BE"

RESOURCE PERSON

DR. VARUN RAJ .L.KAMMATH

11.04.2017



CDE & HANDSON ON "LINGUAL
ORTHODONTICS",

RESOURCE PERSON

DR SANJAY LABH

12-14 JAN 2016



SURGICAL MBT TREATMENT
MECHANICS

RESOURCE PERSONS:

DR. K SADASHIVA SHETTY
& DR SHERRY PETER

02-04 AUG 2016



Achievements -Faculty

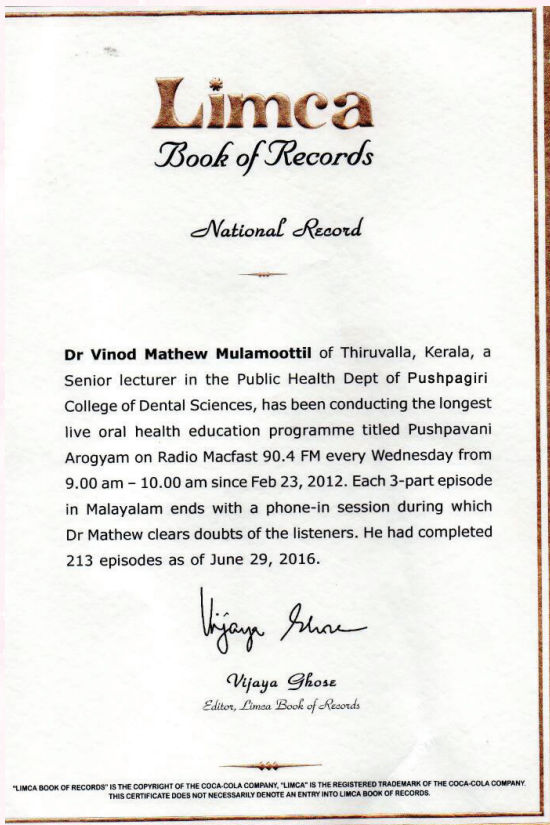


Dr Biju Sebastian Vice Principal (Academics , Prof. & H.O.D Dept. of Orthodontics cleared the Inter-collegiate examination in Orthodontics and was bestowed with post-nominals: MOrth RCPSC and MOrth RCS (Eng.). These are in addition to the fellowship in Orthodontics -FFD (Orth) RCSI and the MOrth RCS (Edinburgh) which he had received earlier

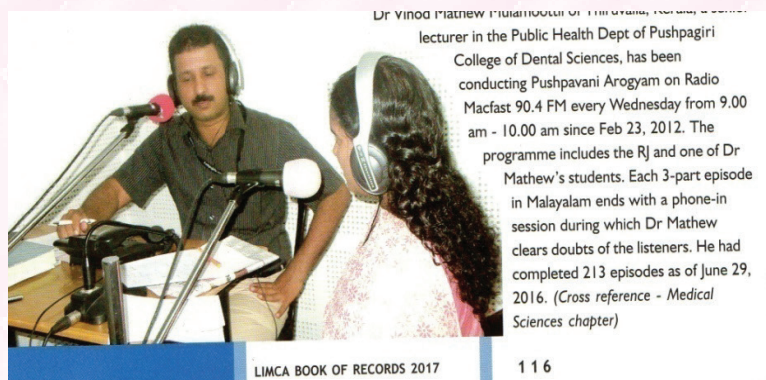
Dr.Eapen Thomas, Professor, Dept of Oral and Maxill official Surgery, was elected as the new President of Association of Oral and Maxillofacial Surgeons of India (AOMSI) Kerala State.

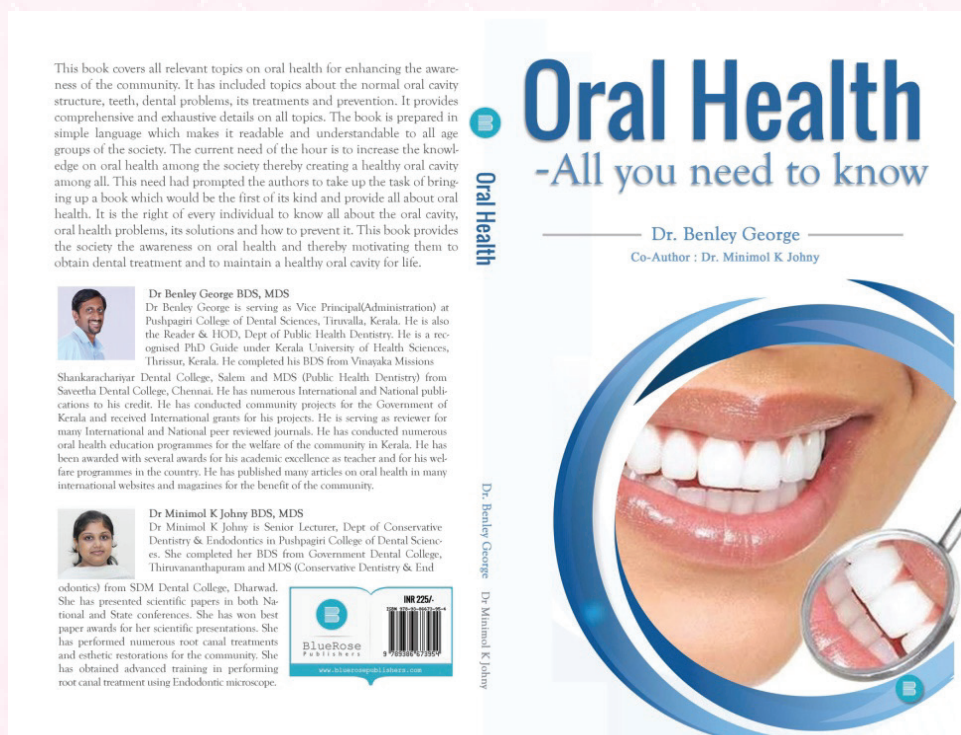
was an invited speaker at National Midterm conference and PG convention of AOMSI at Chandigarh on April 7-9.

Dr Eapen Thomas attended the National conference of IDRR at Bangalore as an invited faculty



DR.VINOD MATHEW MULAMOOTTIL entered the LIMCA book of records for conducting the longest live oral health education program titled "Pushpavani Arogyam" in Radio Macfast 90.4 FM every Wednesday since 23 Feb 2012. He has completed 213 programs as on 29 June 2016.





Dr. Benley George, Vice Principal (Administration, H.O.D Dept. of Community Dentistry) and **Dr. Minimol K. Johny** (Senior Lecturer, Dept of Conservative Dentistry) published a book “Oral health-All You need to know” by Blue Rose Publishers, New Delhi for creating dental awareness among the public.

Dr. S. Rupesh

Best paper award for paper presentation “Endodontic access in primary anterior teeth – A simpler approach” for the 39th annual conference, Indian Society of Pedodontics and Preventive Dentistry on 19th-16th September 2017

Keynote lecture on “PEDIATRIC ROTARY ENDODONTICS” at PMS College of Science and Research, Trivandrum on 13th July 2017. Inaugurated Alleppey district Balajanasakhyam ,delivered a dental awareness talk on May 22, 2017 and an anti-tobacco awareness talk, June 11, 2017.

Completed a 2 day Esthetic Dentistry training program (Composite layering technique) in Leuven, Belgium at the GC education & convention centre, GC Europe campus, Leuven, Belgium. He was one among the 2 dentists from Kerala and among 25 from India to be selected for the training. February 6-7, 2017.

Conducted a pre-conference course on PULP THERAPY AND STAINLESS STEEL CROWNS for the 49th Kerala state dental conference held at Kottayam on January 8, 2017.





Dr. Josey Mathew, Professor, Dept of Conservative Dentistry & Endodontics received the best scientific paper award at 32 IACDE & 25 IES Conference, Ahmedabad from 22- 26, Nov 2017. He presented on ENDODONTIC MANAGEMENT OF EXTERNAL ROOT RESORPTION: AN OVERVIEW AND CASE REPORT

Dr. Suja Joseph, Prof Dept of Prosthodontics presented a paper on “Importance of Phonetics in Prosthodontics” at the annual PG Convention of Indian Prosthodontic Society, Rhishikesh ,Uttarakand.

Resourse person for REBASE programme for MDS post graduate students organized by Indian prosthodontis society Kerala state



Dr Akhilesh Prathap, Associate Profesora, Dept of Oral and Maxillofacial Surgery was elected as editor of AOMSI Kerala and President Elect of IDA Thiruvalla.

Dr. Thomas George

Elected as Senate member of Kerala University of Health Sciences (KUHS)

Approved as PhD guide (KUHS)

Member, Board of Student's Dental Council



Dr. Anuna Laila Mathew

Second Prize in the delegate category for the Scientific Paper titled “Epithelioid Hemangioendothelioma of upper lip” - 49th IDA Kerala State Conference held on 21 and 22 of January 2017 at Kottayam

Selected as of the editorial board member of the journal dental research and management

Dr. Albin Geo Joseph ,Senior lecturer, Department of Prosthodontics cleared the Irish Dental Board Examinations , July 2017



Achievements- Students

Dr Afzal K Nazim, Dr Merin Abraham and Dr Karun Cherian, PG students from Dept. of Orthodontics, secured the third place in the national level Orthodontics quiz competition at the PG convention of Indian Orthodontic Society held at Banaras Hindu University, Varanasi.



Dr. Anna Mariam Simon, P.G student, Dept of Conservative Dentistry & Endodontics bagged the second position for Scientific paper presentation at Mid term Conference and P.G Convention of Conservative and Endodontic society of Kerala (CAESOK) held in Feb, 2017 at Thiruvananthapuram

Dr. Deepthy Santhosh, Post graduate student, Dept. of Conservative Dentistry & Endodontics received the best paper award for Scientific paper presentation in at 49th Kerala State Dental Conference, Kottayam held from 20-22 Jan 2017

Dr. Nishanth Sudarshan, House surgeon, received the 2nd best paper award for Scientific paper presentation in at 49th Kerala State Dental Conference, Kottayam held from 20-22 Jan 2017



Dr Nazia Rasheed, Dr Shibi Mathew, Dr Abu Nazar N, Post Graduate students, Dept of Prosthodontics received best paper award at Indian Prosthodontic Society Kerala state midterm conference and PG Convention 2017. They presented on "Telescopic denture transcending the limits of removable prosthodontics"

Dr Veena Paul, Dr Shoma Sasidharan, Dr Elizabeth K Sunny, Post Graduate students, Dept of Prosthodontics received best paper award at Bioradiance National Conference 2017 organised by Pushpagiri Research Center. They presented on "Revitalizing dental implant- the photofunctionalization effect".

Dr Neethu Mercy James-Post Graduate student of Dept of Periodontics won Second prize for poster presentation at Bioradiance National Conference 2017

"Metformin meets bone: dawns a new kinship"

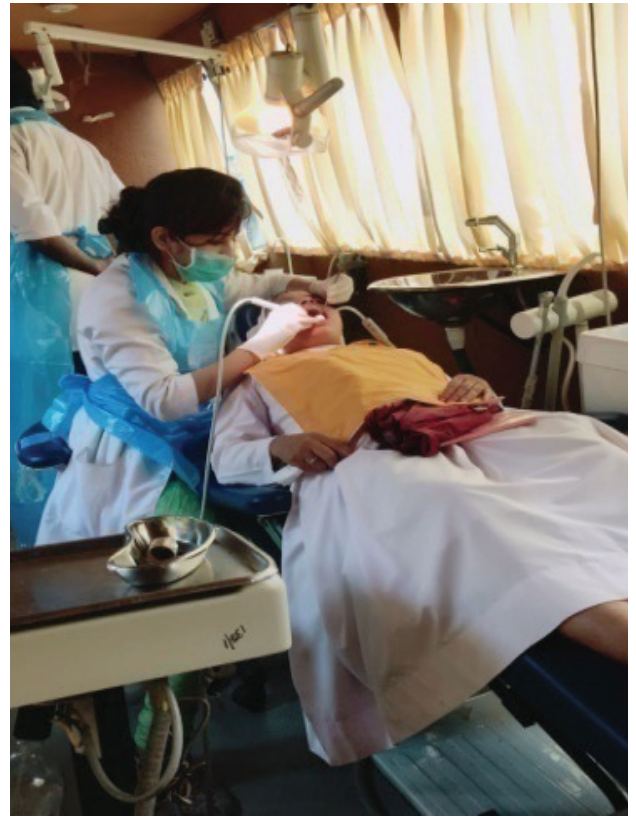
Dr Sreejith C.K-Post Graduate student of Dept of Periodontics won Third prize for poster presentation at Bioradiance National Conference 2017

"CBCT-A third eye in implant dentistry"



Public Health Initiatives

A total of 57 dental camps were organized by the Public Health Department in 2017. Of this 33 were screening camps and 24 were treatment camps. Over 4653 patients were screened and referred to Pushpagiri College of Dental Sciences for further treatment procedures. In treatment camps both screening of patients and treatment of patients were carried out. 619 patients were treated in treatment camps. Camps organized in schools were accompanied with oral health education and distribution of oral hygiene aids.



I-KAP



I-KAP is a knowledge and skill advancement program as well as also a recapitulation (re-KAP) for the interns. I-KAP sessions are conducted on all Thursdays from 8;30 am -10;00 am ,intended to cover a total of 54 sessions in an year.

The program is organised by interns under the guidance of Dr. Vinod Mathew Mulamoottil. Topic selection is done as per the request of the interns .

The topics are presented mostly by PCDS faculty.

All the faculties leading the sessions are awarded with a memento and certificate as a token of appreciation. Feedback are collected after each session and will be handed over to the respective faculty



Inauguration and launching of logo of I-KAP



Modules completed

Dr. Lisa Elizabeth Jacob ; Interpretation of radiograph

Dr. Rino Roopak Soman; Identifying periodontal diseases

Dr. Omal P. M; Interpretation of radiographs

Dr. Gibi Syriac; Rubber Dam and its applications

Dr. Shibu Thomas ; Different epidemiological studies

Dr. Rahul Jayakumar; Iatrogenic errors in root canal treatment

Dr. Roopesh S : Behaviour Management in Children

Celebrations and Activities

Convocation



Samavarthan - Convocation of 8th batch of BDS students were held on 3rd April 2017. Dr.K.Jayakumar Vice Chancellor of Malayalam University,Tirur was the chief guest

“CRESENDO 17”

The Department of Conservative Dentistry and Endodontics organized Conservative and Endodontics Day “Cresendo 17” on 08 Mar 2017. The celebrations were inaugurated by Fr.Dr.Mathew Mazhavancheril, Director Academics in the Presence of Fr.Aby Vadakkumthala, Director Medicity and Dr.Aby Mathew T, Principal, Pushpagiri College of Dental Sciences.

The events included a Guest Lecture on “Restorative Dentistry-A New Horizon” by Dr.Meera Prasanth, Professor, Indira Gandhi Dental College, Kothamangalam, Flashmob by the PCDS students, Dental quiz, Selfie smile contest ‘Goldent 17’ and “Question the Endo Expert” an open discussion on Endodontics with Dr.A.Devadathan ,Prof and HOD.



RADIOLOGY DAY CELEBRATIONS

A flex poster showing the inventor of XRAY (WILHELM CONRAD ROENTGEN) & applications of XRAY in Medical & Dental field was displayed in front of Pushpagiri College of Dental Sciences on Nov 8, 2017.

Informative videos of invention of XRAYs and its application was displayed in the Reception T.V & also in OMR Dept T.V to promote the awareness of the invention of XRAYs to the patient.

OMFS Day

was celebrated on February 13th 2017. Quiz competition was conducted for the students and interns.

CHILDREN'S DAY

Dept of Pedodontics celebrated Children's Day with Dr. Bunny as the mascot on 14 Nov 2017. Around 35 children in and around Tiruvalla attended the program with their parents. The spiritual director of Medicity, Rev. Fr. Varghese Manalel was the chief guest. Dr. Elizabeth Joseph, Head of the Department welcomed the guests. Dr. George Varghese, Principal and Dr. Benley George, Vice Principal addressed the gathering.



WORLD ENVIRONMENT DAY

was celebrated on 05 June 2017 with campus cleaning and tree planting.



ANTI TOBACCO DAY

was organized on 31st May 2017 by the Department of Public Health Dentistry. As a part of creating awareness among the Public a health talk on hazards of tobacco use was given to the patients by the interns.





Onam Celebrations



Holi



Christmas



Resonance-College Day



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