

COMMUNIQUÉ

Newsletter of Manipal College of Dental Sciences, Mangalore

Volume 07, Issue 03 (November 2022-February 2023)











EDITORIAL

Greetings from Department of Pediatric and Preventive Dentistry

Over the years, Manipal College of Dental Sciences, Mangalore, has grown leaps and bounds in terms of academics, research, internationalization, and alumni relations. Communiqué, the newsletter mirrors these achievements and is a broadcaster of the same to the students, alumni, and faculty of MAHE and other institutions. We, at the Department of Pediatric and Preventive Dentistry, are proud to bring forward the Volume 7, Issue 3



of Communiqué, that showcases mega events of our institution such as College Day and Awards Ceremony and Ignite 1.0. Apart from the continuing dental education programs and certificate courses, value added courses in the form of capsule workshops for the interns of MCODS, Mangalore, and celebration of various speciality days by various departments of the institution are the highlights.

I thank Dr. Charisma Thimmaiah, Issue Editor for her valuable efforts in compiling this issue. Many thanks to the Deputy Editors, Dr. Arathi Rao, Dr. Ashwin Rao, Dr. Karuna Y.M, and Dr. Anupama Nayak for their important and timely contributions.

Dr. Suprabha BS Professor and Head Department of Pediatric and Preventive Dentistry



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ACADEMIC EXCELLENCE

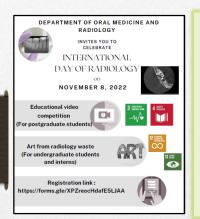


TRAINING ON IMPARTUS LECTURE CAPTURE SYSTEM

As a part of the continuing faculty training program, a lecture and demonstration on the hardware and software features of the Impartus lecture capture system were conducted on November 3rd, 2022, at the Attavar campus of MCODS, Mangalore. **Mr. Shantanu Pratap Singh**, Manager of customer success at the UpGrad campus was the resource person. He highlighted the nuances of taking the class, post-class video editing as well as publishing techniques. The session was attended by faculty members from the institute.



INTERNATIONAL DAY OF RADIOLOGY



On the 8th of November 2022, the International Day of Radiology was celebrated. As a part of the event, educational video competitions and 'Art from Radiology Waste' competitions were organized for the students. The theme for the educational video competition was 'Radiation Awareness for the Public.' There was enthusiastic participation from undergraduate and postgraduate students from various dental colleges across India. **Dr.Avinash B.R.**, faculty of the Department of Public Health Dentistry, Manipal College of Dental Sciences, Mangalore, was the judge for both events. Cash awards and prize certificates were sent to all the winners.

LECTURE ON INDIVIDUALLY TRAINED ORAL PROPHYLAXIS

Curaden, India, conducted a 2-hour lecture and hands-on workshop for the 3rd year BDS students on 18th November 2022 at MCODS, Attavar titled "Individually Trained Oral Prophylaxis (iTOP)". The lecture was given by **Dr. Kishore** from Curaden, Bangalore. It was a preventive-oriented program focusing on controlling the main cause of oral diseases: biofilm. A hands-on demo was given on how to use the iTOP interdental aids. A kit was distributed to all the students for practice.



TRANS-ALVEOLAR EXTRACTION ON ANIMAL MODEL

On 6th December 2022, the Department of Oral and Maxillofacial Surgery conducted a Surgical Hands-on capsule workshop on "Trans-alveolar extraction on Animal model" for Interns and first-year postgraduate (OMFS) students. A demonstration was given to them, followed by all participants performing the procedure on the animal model. Faculty members **Dr. Premalatha Shetty, Dr. Joanna Baptist, Dr. Sameep Shetty, and Dr. Sangeeta Bhat,** along with the 2nd year postgraduate students, were the resource persons who actively participated in conducting the workshop.



WORKSHOP ON MENDELEY AND TURNITIN

A hands-on workshop was organized by MAHESRF for the Undergraduates on 12th December 2022 at Oral Pathology Lab, Light House Campus. Dr. Ravikiran Ongole, Staff Mentor, MAHESRF and Head of the Department of Oral Medicine and Radiology, spoke about the essence of using various software for searching articles which will make research work easier. Further, the session was taken forward by **Dr. Srikant N**, Head of the Department of Oral Pathology and Microbiology. The workshop highlighted the use of Mendeley for searching articles, viewing them, adding them to the library of Mendeley, and a brief description of what plagiarism is and how it can be reduced by Turnitin. A session on Orcid, Scopus, and Scimago was also given. The hands-on experience was provided using the Mendeley and Turnitin software.



ORIENTATION ON MUTBI



On 16th November 2022, MAHESRF, MCODS Mangalore organized a talk on 'Manipal University Technology Business Incubator-an overview' by **Dr. Y**Shri Hari Upadhyaya, CEO, MUTBI followed by giving vote of thanks by Dr. Ravikiran Ongole and Dr. Kushaggr Rastogi.

CHILDREN'S DAY AND PEDODONTIST'S DAY



The Department of Pediatric and Preventive Dentistry, MCODS, Mangalore celebrated Children's Day and Pedodontist's Day on 14th November 2022. The program for Children's Day consisted of Funfilled Dental Health Educational activity for Children, Drawing competition for Children: 'Dentist and Me' was the theme, Dental Health Education for Parents, School Dental Health Educational Program. The Children's Day was organized by the Postgraduate Students of the Department under the guidance of the faculty. Child patients accompanied by their parents who had undergone dental treatment previously were invited for the program. Dr. Yashodhora Hazra, PG student was the Master of Ceremonies (MC) for the games and fun-filled quiz.

The program of Pedodontist's Day consisted of Essay Competition: 'Innovations on Pediatric Dentistry', Short film competition: 'Healthy Smiles; Happy Children', Logo Competition: 'Pediatric & Preventive Dentistry'. The judges for the events were Dr. Prathima G.S, Professor and Head, Department of Pediatric and Preventive Dentistry, Indira Gandhi Institute of Dental Sciences, Puducherry and Dr. Srikant N, Professor and Head, Department of Oral Pathology and Microbiology, Manipal College of Dental Sciences, Mangalore for Short film competition; Dr. Manuel Thomas, Associate Professor, Department of Conservative Dentistry and Endodontics, Manipal College of Dental Sciences, Mangalore and Dr. Varghese Chacko, Professor and Head, Sri Sankara Dental College, Varkala, Kerala for the Essay Competition; Logo competition: Faculty of Department of Pediatric and Preventive Dentistry, MCODS, Mangalore. The program was attended by the interns of MCODS, Mangalore, participants and award winners of the competitions. The talk by Dr. Ashwin Rao provided career guidance to interns for selecting Pediatric and Preventive Dentistry subject for Postgraduate studies. Dr. Ashita Uppoor, Dean highlighted the growth of the specialty and presented the awards to the winners of the competition.





ORIENTATION DAY

On 28th November, Manipal College of Dental Sciences, Mangalore organized an Orientation Day for the first-year BDS students at MCODS Mangalore Attavar. The chief guest of the program was **Dr. Dilip G Naik**, Pro Vice Chancellor, MAHE, The overview of the BDS program was presented by Dr. Ashita Uppoor, Dean MCODS Mangalore, Dr. Premalatha Shetty, Associate Dean, MCODS Mangalore, Dr. Arati Rao, DDSA Mangalore Campus, Dr. Ravikiran, Dr. Shobha , Dr. Ashwin Rao. The students were formally introduced to the respective teacher guardians.











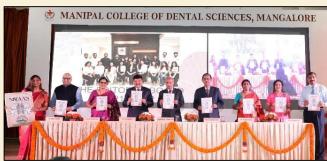


3D DIAGNOSIS & TREATMENT PLANNING FOR DENTOFACIAL DEFORMITIES

The Department of Orthodontics and Dentofacial Orthopedics, MCODS, Mangalore conducted a webinar session of the Ortho Club- an interdisciplinary forum series on the 16th of December 2022. The topic of discussion was "3D Diagnosis & Treatment Planning for Dentofacial Deformities". The resource persons for the session were Dr. **Ratna Parameswaran**, Professor, Dept. of Orthodontics, Meenakshi Ammal Dental College, Chennai, Tamil Nadu, and Dr. Anantanarayan Parameswaran, Professor, Dept. of Oral and Maxillofacial Surgery, Meenakshi Ammal Dental College, Chennai, Tamil Nadu. The talk focused on surgical planning for complex cases and several cases were discussed.







Associate Dean, Dr Premalatha K, delivered the welcome address; and Dr Junaid Ahmed, delivered the vote of thanks. The Best outgoing student of the batch 2017 was Dr. Rupsa Taraphder. Dr. Suprabha BS and her team received the prestigious Dr. TMA Pai gold medal for research. The Batch of 2017, shared their nostalgic experiences at MCODS, Mangalore during the program.

STUDENT AWARDS



Best outgoing student (2017) Dr. Rupsa Taraphder

Dr. Dilip Kumar Ghosh Gold Medal for the standing I in MDS Examination in Orthodontics 2021.

Dr. Amoli Singh

Smt. Kumkum Ghosh Silver Medal for the standing II in MDS Examination Orthodontics 2021

Dr. Shawn Ann Thomas

Award for Overall Excellence Ms Parthivee Sharma

Silver Jubilee Alumni Gold Medal for securing the Highest Marks in Final B.D.S. 2021

Ms. Arpita Banerjee

Dr Kopal Vasudev memorial award

Mr Kishan Paul Raja

Mr. Abhilash George Endowment Prize" – for the Best Outstanding Student in III B.D.S

Ms. Simran Gupta

"Late Maninder Singh Memorial Award" – for the Best Outstanding Student in I B.D.S

Ms. Anoushka Avi

The academic, research, and endowment awards were distributed to the faculty and students by the presiding officer, the chief guest, and the guest of honor.

BEST AUDIO-VISUAL MATERIAL 2021



Dr. Manuel Thomas



Dr. Shravan Shetty



Second Prize





Dr. Harshit Kumar

THE GOOD TEACHER'S AWARD



Dr. Srikant N



Dr. Sangeetha U Nayak



Dr. Shobha J Rodrigues

Dr. TMA Pai Gold Medal for Outstanding Research Publication 2021.



Dr. Suprabha B S



Dr. Ramya Shenoy



Dr. Arathi Rao



Dr. Karuna Y M



Dr. Anupama Nayak

GRADUATION CERAMONY



CULTURAL EVENTS





SCHOOL DENTAL HEALTH EDUCATION PROGRAM

A School Dental Health Education program was conducted on 11th January by the Department of Pediatric and Preventive Dentistry in collaboration with the Patient Care Committee, MCODS, Mangalore. This program was conducted for children from LKG to class X of Milagres English Medium Higher Primary School, Mangalore, by **Dr. Nanditha Shenoy**, member of the Patient Care Committee Department of Oral Medicine, and **Dr. Anupama Nayak**, Department of Pediatric and Preventive Dentistry along with Postgraduate students and interns. A live demonstration of the brushing technique, using models, with oral hygiene instructions, was followed by an Intraoral examination of children.





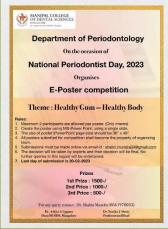


PROSTHODONTICS - CAPSULE WORKSHOP

A workshop on "Restoration of Badly Broken-Down Teeth" was conducted for Interns on 17th January 2023 by the Department of Prosthodontics. The workshop focused on basic Implantology and Post & Core as modalities of treatment for badly broken-down teeth. The resource persons were **Dr. Shobha Rodrigues and Dr. Thilak Shetty, Dr. Mahesh M, and Dr Umesh Pai.** The lecture sessions were followed by hands-on demonstrations on the placement of implants on models, impression recording, and post and core techniques.



NATIONAL PERIODONTIST'S DAY



National Periodontist Day was celebrated on 23rd February 2023 to spread awareness about the work done by Periodontists and to promote good oral hygiene among the masses. The Department organized an institute-level e-poster-making competition on the theme, "Healthy Gums - Healthy Body," which saw enthusiastic performances by 12 participants. Dr. Junaid Ahmed, Professor & Head of the Department of Oral Medicine & Radiology, judged the event. Ms. Deeksha Sain was awarded ₹1,500 as a cash prize for backing the first position, and Ms. Divine Prato and Ms. Vaishnavi Naik backed second place for which ₹1,000 cash prize was awarded.

ART AND SCIENCE OF PERIODONTAL FLAP

Department of Periodontology, MCODS, Mangalore conducted a hands-on workshop for the interns on 23rd January 2023. A total of 39 interns participated in the workshop. **Dr. Sangeetha Nayak** was the resource person. The workshop highlighted the basics of flap surgery which included incisions, flap reflection, and suturing. The students practiced the excises on animal models. It also included tips and tricks for flap surgery and how to manage it effectively.





PROSTHODONTIST'S DAY CELEBRATION



World Prosthodontics Day was celebrated on 23rd January 2023. Dr. Thilak Shetty, Professor, and HOD, Department of Prosthodontics, kickstarted the event by welcoming the gathering and highlighting the significant contributions of Prosthodontics towards society in bringing back smiles of the patients. The celebrations recognized the role of Prosthodontics through the Prosthodontic outreach program, quiz, essay, and video competitions. The participants included undergraduate students from 1st year to interns. The outreach program was an attempt to reach out to the poor and the needy to deliver free Prosthodontic treatment, which included complete dentures and removable partial dentures. This was in addition to the Prosthodontic camps in which the Department regularly participates.





HANDS ON COURSE ON FABRICATION OF ALL CERAMIC CROWNS

A hands-on demonstration on "Fabrication of all ceramic crowns" was conducted on 3rd February 2023 in Central Laboratory, Department of Prosthodontics and Crown & Bridge, in collaboration with Shofu Dental India. The resource person, **Mr. Nathuram** focused on basic fabrication techniques of all ceramic crown & bridge. The participants had a positive outlook throughout the hands on as the resource person not only explained the techniques but was very clear in his demonstrations which made it easier to understand the techniques better. The participants included all the dental technicians from Department of Prosthodontics and Department of Conservative dentistry.



ORTHODONTIC SCREENING CAMP

An Orthodontic screening & Awareness camp was conducted on 10th February by the Department of Orthodontics & Dentofacial Orthopedics, MCODS, Mangalore in KMC Bejai Campus to provide free orthodontic screening services for first-year BDS and MBBS students of MAHE, Mangalore Campus. The students who needed orthodontic treatment were provided with information sheets and asked to visit the orthodontic OPD as per their convenience. The Department Postgraduates under the supervision of Department Faculty led by Dr Nidhin Philip, Dr Ashith MV, Dr. Harshit Atul Kumar and Dr. Shivprasad Rai, formed the team for the screening camp.



CBCT CAPSULE WORKSHOP

Department of Oral Medicine and Radiology, MCODS Mangalore conducted a program on CBCT on 7th February 2023 with components ranging from academic lessons on indications, Field of View, 2D Vs 3D imaging, interesting Case discussion, and hands-on in the core content areas of CBCT for interns as a part of academic enrichment activities. This Capsule workshop was well received by our interns and is shown as the best practice for developing high-quality academic enrichment programs.



SCHOOL DENTAL HEALTH CAMP

The Department of Orthodontics & Dentofacial Orthopedics, Manipal College of Dental Sciences, Mangalore conducted School dental health check-up camps to provide free Orthodontic screening services for children and to also create awareness regarding Orthodontic treatment. The Camps were held at the following schools:

- Canara English Higher Primary School, Kodailbail, Mangalore on 24.01.2023
- St Aloysius Higher Primary School, Kodailbail, Mangalore on 27.01.2023
- Chinmaya High School, Kadri, Mangalore on 01.02.2023
- Shri Rama Krishna High School, Bunts Hostel, Mangalore on 06.02.2023

The Department Postgraduates under the supervision of Department Faculty ,Dr. Amoli Singh, Dr. Mariyam Zehra, Dr. Harshit Atul Kumar and Dr. Shivprasad Rai formed the team for the screening camp.







INAUGURATION OF THE STUDENT MEDIA CLUB

On 13th February, Manipal College of Dental Sciences Mangalore, a constituent unit of Manipal Academy of Higher Education (MAHE), inaugurated the Media Club which was unveiled by **Dr Dilip Naik**, MAHE, Mangalore Campus, and **Mr S.P. Kar**, the Director of the Directorate of PR, Media & Social media MAHE.. The Media Club aims to provide a platform for deliberation and knowledge-sharing among students and to provide exposure to the media, encouraging and motivating them to be involved in media activities. The event was presided by the Pro Vice-Chancellor, MCODS, Mangalore, Dean Dr. Ashita Uppoor, Dr. Junaid Amhed, Associate Dean MCODS, Dr. Premalatha Shetty, Associate Dean MCODS. Dr. Arati Rao, DDSA Mangalore Campus Dr. Nandita Shenoy, Faculty Co-ordinator, and Mr. Saghir Siddiqui, regional chief operating officer of KMC Hospitals Mangalore were present at the event, and Student teams also facilitated Spot Photography winners and awards were given to the students from the dignitaries.





INTERNATIONAL ORAL & MAXILLOFACIAL SURGEON'S DAY

International Maxillofacial Surgeon's Day was celebrated with great enthusiasm on 13th February 2023. The theme for this year was "Facial Trauma and Road Traffic Safety". In view of this year's theme, the Department conducted a Continuing Professional Development programme titled "Emergency Trauma Care: Evaluation and Management" on 11th Febuary 2023 in Medical Education Hall KMC Mangalore, Light House Hill Road campus. The chief guest for the programme was Dr. B Unnikrishnan Dean, KMC Mangalore. **Dr. Jeedhu Radhakrishnan** Associate Professor, Dept of Emergency Medicine, KMC Mangalore gave a lecture on "Initial assessment and primary care in trauma patients". **Dr. Madhusudan Upadya**, Professor & Head of Dept of Emergency Medicine, KMC Mangalore gave a lecture on "Airway, ventilation and shock". **Dr. Arjun Shetty** Professor & Head of Dept of Neurosurgery, KMC Mangalore gave a lecture on "Neurological considerations in trauma patients". **Dr. Ashfaque Mohammed**, Professor & Head of Dept of General Surgery, KMC Mangalore gave a lecture on "Thoracic, Abdominal and Pelvic trauma". The programme highlighted emergency care delivery for trauma patients to all the doctors involved in primary trauma care.





In addition, the department organised public awareness programme in the form of street plays in KMC Light House Hill Campus, Service Bus Stand, Hampankatta and KSRTC Bus Stand, Bejai. Deputy Commissioner Police (Crime and Traffic) Mr. B.P. Dinesh Kumar, addressed the public at KSRTC Bus stand after the street play presided over the Public Awareness programme at both Service Bus Stand, Hampankatta and KSRTC Bus Stand, Bejai.. The objective behind the public awareness programme was to sensitize the public on importance of adhering to road safety rules and the role of public in accident scenarios on the road and highways. Street play also highlighted the role of Maxillofacial Surgeons as guardians of the face.













IDEA GENERATION AND NOVEL INNOVATION TOWARDS ENTREPRENEURSHIP IGNITE 1.0

INNOVATION FESTIVAL FOR STUDENTS OF HEALTH SCIENCES

The Student Research Forum of Manipal College of Dental Sciences, Mangalore in association with the Innovation Centre MAHE has brought into existence yet another research conference called IGNITE 1.0. It was a one-day conference held at Marena Indoor Sports Complex on 21st January 2023. There were over 320 participants both students and faculty from various health streams like Dentistry, Medicine, Nursing, Pharmacy, Life Sciences and Allied Health from various cities. The conference was inaugurated



by the chief guest, Lt. Gen. (Dr.) M.D. Venkatesh, Vice Chancellor, MAHE. Other dignitaries who graced the occasion were the guest of honour Dr. Dilip G. Naik, Pro Vice Chancellor MAHE Mangalore Campus, Dr. Ashita Uppoor, Dean, Manipal College of Dental Sciences, Mangalore, Dr. Mohammad Zuber, Chief Innovation Officer, Dr. Unnikrishnan B, Dean KMC Mangalore amongst others. Dr. Ravikiran Ongole staff advisor for IGNITE 1.0 welcomed the gathering. Dr. Kushaggr Rastogi, President of the Student Research Forum of MCODS Mangalore who designed the logo facilitated its release by the Vice Chancellor.

The conference had several elements ranging from the hackathon, ideation competition, guest lectures and two hands-on workshops. It was a unique opportunity for healthcare professionals to display an array of their capabilities in the form of ideas and entrepreneurial skills and get the required support in terms of seed funding and guidance.

The Keynote Speaker for the conference was **Dr. Vishal Rao**, the Dean for the Centre of Academic Research at HealthCare Global Cancer Centre, Bangalore. He is the inventor of the 1\$ Aum Voice Prosthesis, a low-cost speaking device for throat cancer patients, and over 18 patents to his credit.

Dr. Shanmukh Srinivas is the Co-Founder and CEO of Theranautilus and a proud 2008 alumnus of the college. **S. Ananthraman**, former Director of the Future Skills Program for Global Business Services at IBM India, **Dr. Raviraja N.S.**,



Coordinator at Manipal Centre for Biotherapeutics Research and the Director of Corporate Relations, MAHE, **Dr. Shilika Lilaramani**, the Founder of Vi Scan Diagnostics and a next-gen the dentist turned entrepreneur, **Mr. Johnson Tellis**, Co-Founder and CEO of Inunity and **Mr. Ashwath Anand**, Assistant

Professor at Manipal Innovation Leadership and Entrepreneurship School Bengaluru. The organizing team put up an Innovative Game Arena for the participants. The valedictory ceremony was conducted by Dr. Sucheta Kolekar, Assistant Professor, Innovation and Incubation, MAHE.

ORAL PATHOLOGISTS' DAY

On 4th February, National Oral Pathologists' Day was celebrated to commemorate the Birth Anniversary of Dr. H. M. Dholakia, the First Oral Pathologist of India. As a part of the celebrations, the Department conducted various events for undergraduate students, like Portrait Sketching, Soap Carving, and Histopathology Rangoli on the 24th of February 2023 and Treasure Hunt on the 25th of February 2023. The uniqueness of Portrait Sketching was that the participants had to sketch the portrait of Dr. H. M. Dholakia using Hematoxylin and Eosin pencils. Soap carving was based on any dental theme of choice. The Rangoli was a team event with the participants using hematoxylin and eosin colors to bring out various pathologies through this art. The most awaited event was the Treasure Hunt conducted for the interns at the Marena Sports Grounds. The award ceremony was held on the 25th of February at 3.30 pm at the Attavar Lecture Hall 1 for all undergraduate students. **Dr. Srikant N**, Head of the Department of Oral Pathology and Microbiology, spoke about Dr. H M Dholakia. Dr. Ashita Uppoor, Dean MCODS, Mangalore, addressed the students about the significance of Oral Pathology and distributed the awards to the winners. The Dean also released the next issue of the Institutional Newsletter "**Communique**" (Vol 06 issue 03), edited by the





Department. **Dr. Jay Kumar Pandya**, PG Alumnus of the 2012-15 batch, spoke to the students about the importance of Oral Pathology as a subject and its career prospects.

THE WINNERS FOR THE VARIOUS EVENTS CONDUCTED ARE AS FOLLOWS;



Treasure Hunt; 1st Prize Durva Manojkumar and Adusumilli Sree Mayukha (Interns)



Soap Craving Siambiakthang Valte (Intern) 1st Prize Adila Ambreen (Intern) 2nd Prize



Portrait Sketching; 1st Prize Farhaana Afreen (I BDS)



Treasure Hunt; 2nd Prize Radhika Agarwal and Shreya Bhat (Interns)



Portrait Sketching; 2nd Prize Shruthi Naarayani R (Intern)



Rangoli; 1st Prize R. Divya Lakshmi,Kriti Kaushik, Chaitra. M, Shruti Naarayani (Interns)



Rangoli; 2nd Prize Dewanshi Paul, Deepthi P Sreeganthan, S Swathi, Sanskriti Rautela (I BDS)

INTERNATIONALIZATION



INTERNATIONALIZATION

Insights into Optical Diagnostic Tools For Early Detection Of Oral Potentially Malignant Disorders

Department of Oral Medicine and Radiology, MCODS, Mangalore in collaboration with the Department of Oral Medicine and Radiology, BP Koirala Institute of Dental Sciences, Dharan, Nepal organized a webinar on the topic 'Insights Into Optical Diagnostic Tools For Early Detection Of Oral Potentially Malignant Disorders' on 1st December 2022. Dr. Sumana Sulu, 2nd-year resident, Oral Medicine and Radiology, BP Koirala Institute of Dental Sciences was the presenter and Dr. Iccha Kumar Maharjan, Associate Professor, Oral Medicine and Radiology, BP Koirala Institute of Dental Sciences was the moderator for the event. The talk covered different aspects of applications of optical diagnostic tools in oral potentially malignant disorder, the mechanism as well as the applications of Identafi® was discussed and demonstrated.



Higher Education at Queen Mary University, London



Institutional Academic Reputation Cell, MCODS, Mangalore with the support of the Office of International Affairs and Collaboration organized a Career guidance program on 06th February 2023 titled "Higher Education at Queen Mary University, London". **Ms. Claire Canning,** International Partnership Manager, Queen Mary University, introduced the students to the university, and the dental program offered and spoke about the details of the partnership with Manipal Academy of higher education.

Partnership with Alumni for Collaborative Excellence (PACE)

The Department of Oral Medicine and Radiology held a program under the PACE initiative on 10th February. A presentation on "Management of Temporomandibular Disorders using Therapeutic Ultrasound and Isometric Exercises" was done by **Dr. Kripa Adlene Edith**, a postgraduate student, and was moderated by Dr. Ravikiran Ongole. The faculty and students of MCODS, Mangalore, and B.P Koirala Institute of Dental Sciences attended the program. It was an interactive session with all the participants sharing their experiences of temporomandibular disorder diagnosis and management protocols.



INTERNATIONALIZATION



CERTIFICATE COURSE IN FORENSIC ODONTOLOGY BLENDED MODULE

The Centre for Forensic Odontology, an academic and research Centre under Manipal Academy of Higher Education, Manipal conducted the first blended programme of the University, *Certificate Course in Forensic Odontology* as a collaborative project of the MCODS, Mangalore and the Department of Forensic Medicine, KMC, Mangalore. In continuation with the blended online module, an intensive, contact session was conducted from 23rd January to 27th January 2023 at the Mangalore Campus. **Dr. Samarika Dahal**, Department of Oral pathology and Forensic dentistry, at Maharajgunj Medical Campus, University of Dundee, Institute of Medicine, Katmandu, Nepal, was the international resource person for the programme. The contact session involved the extensive hands on training on Disaster Victim Identification (DVI). The workshop included training on exhumation, extraction of ante mortem data, postmortem dental examination, collection of evidence from the scene of disaster, comparative dental identification etc. The session also highlighted the age estimation using CBCT, sex determination using hand wrist radiographs and bite mark analysis using overlays.

Dr. Suresh Shetty, Associate Dean, Professor of Department of Forensic Medicine (state Medico legal consultant) explained the participants the nuances of court room protocols and deposing evidence at court and his team including Dr. Jagadish Rao and Dr. Pavanchand Shetty, both district Medico legal consultants, appraised the participants in Autopsy, importance of Legal issues involved in Forensics, and a hands-on exercise on missing person identification. The Valedictory programme was held on 24th December, 2023 at Attavar, MCODS, Mangalore precided over by Dr. Dilip G Naik, Pro Vice Chancellor, MAHE and Dr. Ashita Uppoor, Dean MCODS, Mangalore was the guest of honor. The function began with a welcome note by Dr.Srikant N., coordinator of the Centre for Forensic Odontology. The chief guest Dr. Dilip Naik, Pro Vice Chancellor, MAHE emphasized the importance of the forensic odontology and related fields and how they are interconnected from a long time. Dr. Ashita Uppoor emphasized the importance of collaboration between different institutes in research and academia.



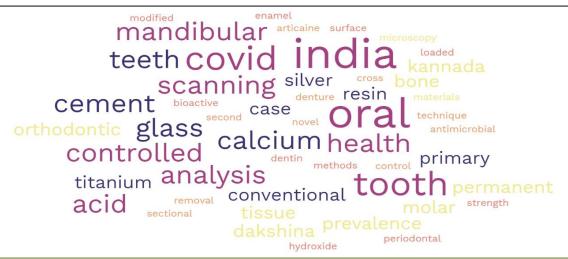








Research Thrust areas in 2022 of MCODS Mangalore



Word cloud of projects undertaken in MCODS in 2022

RESEARCH

The number of publications done by Students of MCODS Mangalore: 84

F1000 Research

RESEARCH ARTICLE

A comparative evaluation of micro shear bond strength and microleakage between the resin-modified glass ionomer cement and residual dentin following excavation of carious dentin using Carie CareTM and conventional caries removal in primary teeth: an in vitro study [version 1; peer review: 2 approved]

Megha Nair1, Arathi Rao 101, Jayaprakash Kukkila2, Srikant Natarajan 1013, Suprabha Baranya Srikrishna 1001

¹Pediatric and Preventive Dentistry, Manipal College of Dental Sciences, Mangalore, Manipal Academy of Higher Education, Manipal, Karnataka, 576104, India

²Department of Dental Materials, Biomaterials and Research Center, b. Yenepoya Dental College, Mangalore, Karnataka, 575018,

Sample Student Q2 Publication, Pediatric & Preventive Dentistry

The background for the study is that the bond between dentin and restorative material contributes to the success of the restoration and structural changes associated with prepared dentin may influence the bonding of restorative materials.

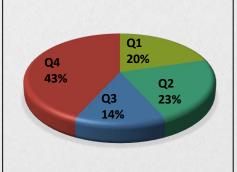
The study evaluates the bond between the resin-modified glass ionomer cement (RMGIC) and residual dentin following excavation of carious dentin using Carie CareTM and conventional caries removal in primary teeth. Micro shear bond strength between the residual dentin and the cement was tested using universal testing machine and the dye penetration method was used for microleakage testing. Carie CareTM group exhibited better micro-shear bond strength and increased microleakage compared to the conventional caries removal method

RESEARCH

l	PUBLISHED PATENTS APPLIED BY MCODS MANGALORE		
	TITLE OF THE PATENT	INVENTORS	
	A modified forceps for maxillary molar extraction	Dr. Joanna Baptist, Dr. Monika Reddy, Dr. Ravikiran Ongole	
	A self-holding suction tube in dentistry	Dr. Jaivrat Gupta	
	A system and method for treating sleep Apnea	Dr. Supriya Nambiar	
	Trap Aero Device For Entrapment Of Infectious Materials During Dental Procedures	Dr. Vidushi Gupta, Dr. Madhu Sharma, Dr. Rohith Kini, Dr.Manuel Thomas	
	Dhadkan-Wireless Stethoscope	Dr. Ritvi Arvind, Dr. Gayatri Bakshi,Dr. Ravikiran Ongole, Dr. Krishnananda Prabhu	
l	The Pedodontic Syringe	Dr. Ashwin Rao	
	Intraoral Polymeric Patch For Controlled Release Of Medicaments	Dr.Karuna	a a a
	A dental device	Dr.Nikita Rungta,Dr.Ramya Shenoy, Dr.Dilip Naik, Mr.Ashwin Devaraj,Dr.Suhan Mendon	
	A system for maxillary skeletal expansion	Dr.Ashith Varadaraj, Dr.Shawn Thomas & Dr.Collin Robert	
	Apparatus for measuring mandibular movement of a patient	Dr.Jareer Khan, Dr.Ravikiran Ongole	
	Portable Dental Assistant	Dr.Aakash Jain, Dr.Joanna Baptist ,Dr.Rushita Pati	
	System for mental health detection through text emoji communication and internet activities using machine learning	Dr. Smitha Nayak ,Dr. Suhan , Dr Sara Kunnath , Dr Vishal Samartha , Dr Ananth Prabhu G , Dr. Ramya Shenoy Kudpi	
١	Apparatus for placing graft material in root canal	Dr. Roma	
	Microlayer coating composition and a method of preparing thereof	Dr.Supriya Nambiar, Dr.Arun & Dr. Mahesh Kakunje	

Overall Publications of the Institution(November-February)

International Collaboration of MCODS Mangalore for Research





RESEARCH

LAURELS



Dr. Giridharan G, Postgraduate student of the Department of Oral Medicine and Radiology, won the 2nd prize in paper presentation at the "33rd Indian Academy of Medical Research National Conference" held from 8th to 10th December 2022, organized by Kalinga Institute of Dental Sciences, Bhubaneshwar.

Dr. Harsimrat Kaur and Dr. Ishan Bhatla (Interns) won the overall 1st position for their E-poster presentation in the UG category and the 2nd place in their scientific session at the 1st Aesthetic Dentistry Association of India National Conference, 2023, held from 2nd to 5th February 2023.





Dr. Radhika Agarwal, Intern won 1st place in E-poster presentation and 1st place in Overall poster presentation in the UG category at the 1st Aesthetic Dentistry Association of India National conference held at Mangalore from 2nd to 5th February 2023.

Dr. Kadambari Sriram, Postgraduate Student, Department of Conservative Dentistry and Endodontics won the $2^{\rm nd}$ prize in Paper Presentation at the 1st Aesthetic Dentistry Association of India National Conference at TMA Pai Convention Centre held in Mangalore from $3^{\rm rd}$ to $5^{\rm th}$ February 2023.





Dr. Kavery Chengappa S, Postgraduate Student, Department of Public Health Dentistry, won the 1st prize for paper presentation at the 14th National PG Convention of Indian Association of Public Health Dentistry (IAPHD) held at BHU, Varanasi, Uttar Pradesh from 10th - 11th February 2023.

Dr. Kimberly John, Postgraduate student of the Department of Pediatric and Preventive Dentistry Won 3rd Place in Scientific Poster presentation at **the** 19th ISPPD National PG Convention at Saveetha Dental College & Hospitals, Chennai Tamil Nadu from 23rd – 25th February 2023.





Dr. Rohita Arora, Postgraduate student of the Department of Pediatric and Preventive Dentistry won 2nd Place in the Scientific Poster presentation 19th ISPPD National PG Convention at Saveetha Dental College & Hospitals, Chennai. Tamil Nadu from 23rd – 25th February 2023.

RESEARCH

FACULTY ACHIEVEMENTS



Dr. Manuel Thomas, Associate Professor, Department of Conservative Dentistry and Endodontics, won the best paper at the 37th IACDE National Conference, Bhopal held on 17th November 2022 for an original research paper titled "Effect of bleaching on color and surface topography of teeth with enamel caries treated with resin infiltration and remineralization".

Dr. Karthik Shetty, Professor, and Head, Department of Conservative Dentistry and Endodontics, won the best paper at the 37th IACDE National Conference, Bhopal, held from 17th to 20th to November 2022, for an original research paper titled "A retrospective study of unobturated canals in root canal treated maxillary first molars using cone beam computed tomography





Dr. Suprabha B.S, Professor & Head, Department of Pediatric and Preventive Dentistry awarded the Best Paper award at the 3rd conference of the Indian Society of Paedodontics and Preventive Dentistry (ISPPD) at Peoples Dental College Hospital and Research Centre, Bhopal, Madhya Pradesh from 24th to 26th November 2022.

Dr. Karthik Shetty, Professor and Head of the Department of Conservative Dentistry and Endodontics, conducted a hands-on Workshop on Vital pulp therapy techniques & Local Anesthetics techniques in association with Septodont, India as a part of the industry technology platform sessions at 1st Aesthetic Dentistry Association of India National conference held at Mangalore from 2nd to 5th February 2023.





Dr. Junaid Ahmed, Associate Dean, Professor of Oral medicine & Radiology, has been elected as the President of IDA, Dakshina Kannada Branch for the year 2023.



ALUMNA RECALLS

The days I spent in Mangalore during my post-graduation from 2010 to 2013 would be among my most cherished memories for the rest of my life. If I had the ability to time travel, I would go back in time and not change a thing, will be reliving those glorious days. I was a young girl who came to MCODS from Coimbatore full of enthusiasm and aspirations. As a novice to hostel life, I was concerned about how I would adapt to the culture and was terribly homesick. But MCODS and the Pedo family had welcomed me as one of their own, fostered and nourished me (quite literally!), changed me, and introduced



me to a "new me". The hostel life, friendship and fights, birthday celebrations, department parties, beach outings, the canteen that serves half-crisp masala dosa, cup maggi, and coffee from a fresh and honest booth, the view of the city and looking at the dark monsoon clouds from the KMC rooftop, the smell of monsoon and incessant rains, humid summers, late nights at the library, never ending debates, dental week, the ganesh pooja celebrations, temple visits, and bike rides pretty much sum up Mangalore days. These experiences will be imprinted in my memory for the rest of my life, especially because of the people I had them with. I was fortunate to have the finest teachers, compassionate co-pgs, wonderful seniors and juniors, roommates, and friends, and these relationships have lasted beyond college. MCODS is a place where I have learnt a lot about academics and life, not out of compulsion but out of curiosity and inspiration. It is a blessing to be able to learn and grow in such an environment. The passion with which each of my teachers and friends pursue their profession, as well as how they prioritise self-care and follow their hearts, is extremely inspiring. Whenever I meet the MCODS family, I am aware that we still share the warmth of spending the best times of our lives in a place that we all admire. When I was on COVID duty during the first and second waves, alone and isolated, I was asked to visualise and meditate so as to hold on to the good times, and every time I tried to do so, these beautiful memories flooded back. I am eternally grateful for the opportunity that I had to spend a few years of my life here. I am a daughter, sister, wife, and mother of two children. I am an entrepreneur who has been successfully running my exclusive paediatric dental practise for the past ten years. I am a teacher to the medical students and treat children with special needs at a Government medical college. I enjoy gardening, painting, and reading. I give importance to my mental health and compartmentalise my work and personal life, I believe this is one of the most important life skill I picked up there. My experiences have taught me to be more patient, kinder, less critical, resilient, compassionate, willing to embrace ideas, remain curious, never stop learning, and to beat the odds and make the best of things. I've made mistakes, learnt from them, and started over. My goal in life is never to have a flawless one, but to have lived a life worth remembering, enjoying every role I play, fearless to try something nov,el and tontinue to have new experiences as I moved forward, and MCODS has made me do that. To m,e my postgraduate days were just MAGIC!

> Dr. Saranya Alumnus of 2010 PG Batch Pediatric L Preventive Dentistry

CONTINUING PROFESSIONAL DEVELOPMENT PROGRAM WITH ALUMNI AS A RESOURCE PERSON

BENCH TEST WORKSHOP

Institutional Academic Reputation Cell organized a Workshop titled - "Bench Test Workshop 2022" from 1st to 5th December 2022 for the interns interested to pursue a dental career abroad. The workshop was held in hybrid mode that included online platform Microsoft Teams for presentation and Hands On exercise in our dental clinics. Dr. Sharon Saldanha, Course Coordinator, Mangalore welcomed the participants to the workshop. The workshop featured didactic and hands-on sessions under the guidance of our very own faculty members, Dr. Ramya Shenoy ,Dr. Sharon Saldanha ,Dr. Roma Mascarenhas, Dr. Mahesh , Dr. Jeffery ,Dr. Annapoorna , Alumina Dr. Viral Mehta, Dr. Madhura Sen & Dr. Nikita Batra. Lecture series & demonstration sessions on restorative dentistry was conducted by the resource persons followed by hands on practice sessions by the delegates. At the end of the 4-day session ,full day mock test on all the exercises was conducted. Valedictory function was held, Dean Dr. Ashita Uppoor addressed the audience and highlighted the importance of Bench Test preparation as a part of admission process for a career as an international dentist.





Dr. SOBEN PETER MEMORIAL LECTURE

A webinar honoring the legacy of Professor Late Dr. Soben Peter on his birthday was organized by the Department of Public Health Dentistry, MCODS, Mangalore, on 20th December 2022. Late Dr. Soben Peter's wife, Mrs. Beetha Soben, Mr. Sudhir Kumar Arya, Publisher of Essentials of Public Health Dentistry, postgraduate students, and faculty members from MCODS, Mangalore and Manipal and other dental colleges of India attended the program. The resource person for the program was **Dr. Suman Challa**, an alumnus of MCODS Mangalore 1995 batch and currently Associate Dean, Advanced Dental Education, and Strategic Initiative, UTHSA School of Dentistry (UTHSA-SoD), San Antonio, Texas shared the valuable insights on the topic "Dental Public Health-Impact and Implications" – Inspired by Dr. Soben Peter's Life."



HAIR TRANSPLANT AND FACIAL AESTHETICS

Department of Oral & Maxillofacial Surgery, along with Alumni Relations MCODS, Mangalore, held a 2 Day surgical workshop on 12th and 13th December 2022 on 'Hair Transplant and Facial Aesthetics.' Resource faculty for the workshop was **Dr. Gaurav R. Naik (PG alumnus batch of 2014)** currently a consultant Oral, Maxillofacial, Cancer & Reconstructive Surgeon based in Mumbai. He has a Fellowship in Aesthetic Medicine (Germany) and FHNO fellowship in Head and Neck Oncology and Reconstructive surgery (Mumbai). He gave an elaborate lecture on hair transplant which included an interactive Q&A session and demonstration. A hair transplant was performed on a patient in an operation theatre following a strict aseptic protocol. The workshop highlighted PRP preparation, an in-depth lecture on Thread-lift. This was followed by patient demonstration showing mono thread application, cogs thread application, Mesotherapy (inject), and Vampire facial(micro-needle application. All the staff and Postgraduate students of the department had an opportunity to observe the procedure and further discuss their queries.



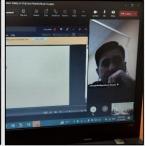


PATIENT SAFETY IN ORAL AND MAXILLOFACIAL SURGERY

Department of Oral and Maxillofacial Surgery along with Alumni Relations MCODS, Mangalore successfully held a webinar on 'Patient safety in Oral and Maxillofacial Surgery' by **Dr. Sony Pullan**, Senior Clinical Fellow in the Department of Maxillofacial Surgery, Barnet & Chase Farm Hospital, London. (PG alumnus batch of 2011), which was attended by all the staff and postgraduate students of the Department and also brought together Alumni from many parts of India and around the globe. Dean Dr. Ashita Uppoor, Associate Dean Dr. Premalatha Shetty and Dr. Junaid Ahmed, Dr. Arathi Rao, Deputy Director of Student Affairs and ARMCODS coordinator, graciously presided over the webinar. The session covered preoperative planning, Intraoperative decision-making, and post-operative safety and care measures in an Oral and Maxillofacial Surgery patient. This very informative talk was followed by an interactive Q&A session.







EVIDENS 2023

The Department of Public Health Dentistry, MCODS Mangalore hosted the Continuing Dental Education Programme on Research Methodology, Epidemiology, Biostatistics and Ethics on 6th and 7th January 2023. The Dean of MCODS, Mangalore **Dr. Ashitha Uppoor** was the chief guest of the program. The speakers of the 2 day workshop were faculty of the Department Dr. Ashwini Rao, Dr. Mithun Pai, Dr. Praveen Jodalli, Dr. Avinash B R, Dr. Aparna K.S. The guest speakers for the event were **Dr. Vaibhav P Thakkar**, PG Alumni batch of 2011, Associate Professor & Incharge Head Department of Public Health Dentistry, MGM Dental College & Hospital, Navi Mumbai. The speaker enlightened the participants on Selecting a Research topic and Protocol writing. The other guest speaker for the day was **Dr. Arun K Simon**, PG Alumni-Batch of 2012, Reader and HOD, Department of Public Health Dentistry, Sri Ramakrishna Dental College & Hospital, Coimbatore. Dr. Arun spoke on "Advanced literature search. "Another international guest speaker for the programme was **Dr. Ashish Shrestha**, Professor and Head, Department of Public Health Dentistry, College of Dental Surgery, BP Koirala Institute of Health Sciences, Dharan, Nepal. **Dr.Ashish** took a session on "Ethics in Research." The event also had a demonstration to the participants, on the use of Mendeley the reference writing software and Turnitin plagiarism check software and demonstration of data entry, sample size calculation and use of SPSS.





COMPARATIVE DENTAL IDENTIFICATION WORKSHOP

The Department of Oral Pathology, MCODS Mangalore, Manipal Academy of Higher Education in collaboration with the Centre for Forensic Odontology (CFO) conducted a workshop on Forensic Odontology for interns on 25th January 2023. **Dr Samarika Dahal**, Forensic Odontologist and Dept. Head Oral Pathology, Institute of Medicine, Tribhuvan University, Nepal, and **Dr. Nitin Agarwal**, Forensic Specialist, and Pedodontist were the resource persons of the workshop. The program commenced with "An Introduction to Forensic Human Identification: General Principles," an enlightening lecture delivered by Dr. Nitin where he highlighted the basic protocol to be followed in the identification of disaster victims followed by Hands-on exercises. Dr Samarika discussed cases from various airlines crash and other disasters, and the methods used to identify them. She also discussed cases from the recent Yeti Airlines crash in which she was closely involved.





ALUMNI REUNION

1997 Batch

On 23rd December 2022, there was a formal meeting with the ProVice Chancellor, MAHE Mangalore Campus, Dr. Dilip Naik, Dean Dr. Ashita Uppoor, Associate Deans Dr. Premalatha Shetty, and Dr. Junaid Ahmed, Alumni Coordinator Dr. Arathi Rao, Senior Professor, Dr. Kunadabala M, and Alumni Relations members. Dr. V Surendra Shetty, Former Dean, and Pro Vice-Chancellor, was the special invitee who graced the occasion. Five interns volunteered to guide the alumni. They visited the hostels, Marena, Attavar Campus etc. The institution provided alumni with mementos and lunch at Kaprigudda (courtesy of Alumni Relations, MAHE Manipal). They invited teachers to a gala evening party at Goldfinch, where their college day memories were shared.







On 24th the group met at Summer Sands, Mangalore. They relished their visit and were thankful to the management for the opportunity. They also contributed Rs. 80,000 towards the alumni fund.

ALUMNI ACHIEVEMENT

Dr. Megha Gupta is an alumna of MCODS Mangalore 2001 batch. Dr. Gupta is also the only pediatric dentist in Rajasthan and one of the few in the country to pass all the required examinations and receive the diploma MFD RCS (Ireland) and MFDS RCSEd from the Royal College of Surgeons, United Kingdom.



SPOTLIGHT





SCHOOL DENTAL HEALTH PROGRAM

School dental health programs are effective strategies for promoting oral health among school children. They provide an opportunity to integrate educational, preventive, and curative dental aspects, thereby comprehensively guarding oral health. The Department of Pediatric and Preventive Dentistry, Manipal College of Dental Sciences, Mangalore provides such comprehensive dental care to children around the schools of Mangaluru city. The department routinely conducts oral health awareness and educational programs in the surrounding schools of Mangaluru, which aim at creating a positive dental attitude among the growing kids. They also motivate the children to maintain good oral hygiene, thus helping them prevent dental caries.

The department has adopted 4 government and aided schools in Mangaluru. When the children are brought to the institution for screening, using institutional transport facility under the supervision of teaching and supporting faculty who take care of their safety. During the screening, any preventive or non-invasive treatment needs deemed necessary for the child are attended to either on the same day or during subsequent similar visits. In case, any invasive dental procedure is necessary, the same is conveyed to the parent through the school authorities and the parent is asked to bring the child to the institution for treatment which is provided free of cost.

The child enrolled in the school dental health program is eligible for all free services including education, screening, and treatments. The children are well taken care of, including their food needs during their dental visits to the institutions. Incentives in the form of oral health kits are also provided. The schools adopted under the program are further provided with small monetary assistance for their facilities annually. Put in a nutshell, the school dental health program instituted by the department is creating healthy and happy smiles among school children ensuring a brighter future.











SPORTS ACCOLADES



Pipada Kush Dheeraj, 3rd year BDS student of MCODS Mangalore bagged the championship in the IDA Chess championship 2022 which was conducted in Mumbai on 2nd December 2022. He was the only player who was unbeaten in the tournament.

He has won accolades by getting selected to represent the Manipal University Chess Team (BOYS) in the South Zone Inter University Chess Competition.

Hafsah Rehman, 3rd year BDS student of MCODS Mangalore has won accolades by getting selected to represent the Manipal University Chess Team(GIRLS) in the South Zone Inter University Chess Competition





The Faculty of MCODS Mangalore have brought glory to the institution by procuring 2nd place in the Interdental 5s Staff Football tournament (INVICTA'22) organized by Yenopoya Dental College on 25th November 2022.



The undergraduate students football team of MCODS Mangalore has brought laurels to the institution by procuring 2nd place in the Interdental 7s Football tournament (INVICTA'22) organized by Yenopoya Dental College on 25th November 2022.



Team Pediatric and Preventive Dentistry









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