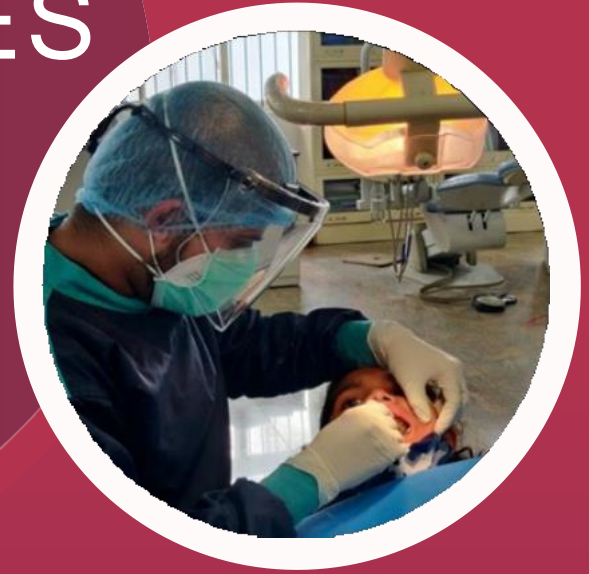




SMILE CHRONICLES

QUARTERLY NEWSLETTER

JAN-MAR 2023



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Faculty of Dental Sciences

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Dean's Message

As we move forward into the next quarter, I want to take a moment to reflect on the amazing work that our faculty has accomplished so far. Your dedication, hard work, and commitment to excellence have not gone unnoticed, and we are all grateful for the effort you put in every day. Special gratitude for your untiring efforts towards the grand success of RUAS DENTCON 2023.

As we set our sights on the next quarter, we must keep in mind our ultimate goal of journey towards excellence. This means that we must continue to upscale our efforts and push ourselves to new heights. We must strive for excellence in every aspect of our work, whether it be teaching, research, service or outreach.

But improving our ranking is not just about numbers. It is about the impact we have on our students and society at large. It is about creating an environment where our students can thrive and achieve their full potential. It is about making a difference in the world around us.

So, let us continue to work together as a team, to support and encourage each other, and to strive for excellence in all that we do. Together, we can achieve great things, and I am confident that we will succeed in our mission to improve our standing in the dental profession and make a positive impact on the world. My appreciation to the Editorial Team of Smile Cornicles for their efforts in compilation of this edition of the newsletter.

Thank you for your hard work, dedication, and commitment to excellence.

Dr Silju Mathew
Dean
FDS, RUAS

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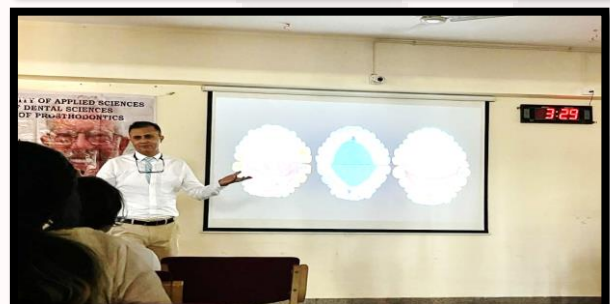
EVENTS



PROSTHODONTIST'S DAY -30TH -31ST JANUARY 2023

Department of Prosthodontics, FDS, celebrated Prosthodontist's Day 2023 under the theme 'JOYS OF PROSTHODONTICS" on 30th and 31st January 2023. The following events were conducted for Undergraduates and postgraduates on 30th January: Tune into Cartoon, Quizodontics, Poetry competition, Reels for your prosthodontic feels.

On 31st January 2023, the program was graced by the chief guest and speaker for the day Dr. Dushyanth G Narayan and Dean Dr. Silju Mathew, Associate Dean Dr. Kavitha Prasad and Head of Department of Prosthodontics Dr. Ravishankar. This event was attended by the Department staffs and PGs, and interns and UGs of FDS. The celebration started with lamp lighting and was followed by an IDM by the Interns on the topic "Common errors in complete denture treatment". It followed by a keynote session by the guest speaker Dr Dushyanth G Narayan on minimally invasive prosthodontics. The session was interactive and inspiring, enlightening the interns and PGs with the recent evolution of prosthodontics digitally.



EVENTS



PROSTHODONTIST'S DAY -30TH-31ST JANUARY 2023

A postgraduate student presented a video revisiting the rehabilitation cases that were done in the department highlighting patients' satisfaction and gratification which was on par with the theme of the day "JOYS OF PROSTHODONTICS". This was followed by the prize distribution ceremony where certificates were distributed along with cash prizes for the 1st and 2nd place winners of the competitions.

On account of Prosthodontist's Day, on 22nd January 2023, one day trip to Discovery Village, Nandi Hills was organised for the department staff and Pgs. The staff and PGs were engaged with various activities throughout the day.



EVENTS



OMFS DAY -13TH FEBRUARY 2023

OMFS day was celebrated this year with the theme of “**Facial Trauma and Road Safety**”. To mark this occasion a guest lecture was organised on “Traumatic Brain Injury and its consequences” by Dr. Sunil .V. Furtado ,Professor and HOD of Neurosurgery for student and faculty at FDS. It was an informative and interactive session regarding the importance of road safety and timely management of Road Traffic Accidents.

Following the lecture, the undergraduate students of FDS performed flash mob, street play, and a rally was organised in the Gnanagangothri campus RUAS, to increase awareness about road safety and the use of helmets and seat belts among the community. Short video competitions were also organised for the undergraduates with the above mentioned theme.



EVENTS

CLINICAL PHOTOGRAPHY MODULE - 14TH & 15TH FEBRUARY 2023

The Department of Orthodontics and Dentofacial Orthopaedics organized dental photography module on 14th and 15th February 2023. Total of 40 postgraduate students participated in this course. The module consisted of lecture sessions, hands on course and an assessment on the last day. The lecture covered the fundamentals of dental photography including intraoral accessories. The hands on session gave a unique approach for students to handle Digital Single Lens Camera (DSLR) and work on extraoral and intraoral proto



EVENTS

NATIONAL ORAL PATHOLOGIST'S DAY CELEBRATION – 25TH FEBRUARY 2023

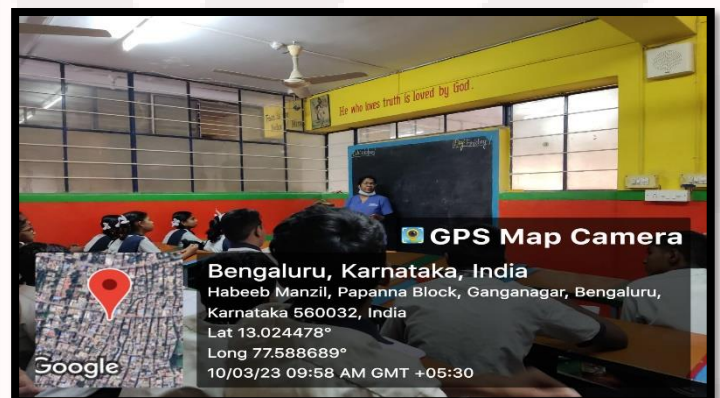
Oral pathologist's Day was celebrated by the Department of Oral Pathology and Microbiology on 25th February 2023. Exciting competitions like E-poster, Quiz and soap carving were conducted. Guest lecture were delivered by Dr. Suma. S on " Oral pathology beyond the microscope- Role in dental practice" highlighting the multifaceted role of an oral pathologist in clinical practice.



EVENTS

TOBACCO AWARENESS SCHOOL PROGRAM – 10TH MARCH 2023

A Tobacco awareness school program was conducted as a part of TCC Programs organized by Navajeevana Tobacco Cessation Centre by **Dr.Ummu Salma Z and Dr. Sruthy S**, second year Postgraduate students of the department at Radha Krishna English High School on March 10th 2023 from 9 am to 11am for classes 5 to 10 students in two sessions.



EVENTS

GLOBAL ORAL HEALTH MODULE 10TH, 11TH & 17TH MARCH 2023

- Conducted by the Dept. of Public Health Dentistry for third year students
- Time: 10:30am – 1:00pm
- Speaker: Professor Julian Fisher
- Faculty Facilitators: Dr K Pushpanjali, Dr Shwetha KM, Dr Anitha Sagarkar
- This value added course is being offered since 2021 in association with Charite' University, Berlin, Germany.
- The course aims at creating awareness amongst dental students to understand the importance of Sustainable Development Goals UN 2030 and its application in dentistry. Students share their learning experience with other International students in Scotland and Mexico. Students also present the re-arrangement of SDGs from their perspective and work on scope for integrating SDGs in their communities and clinical practice.

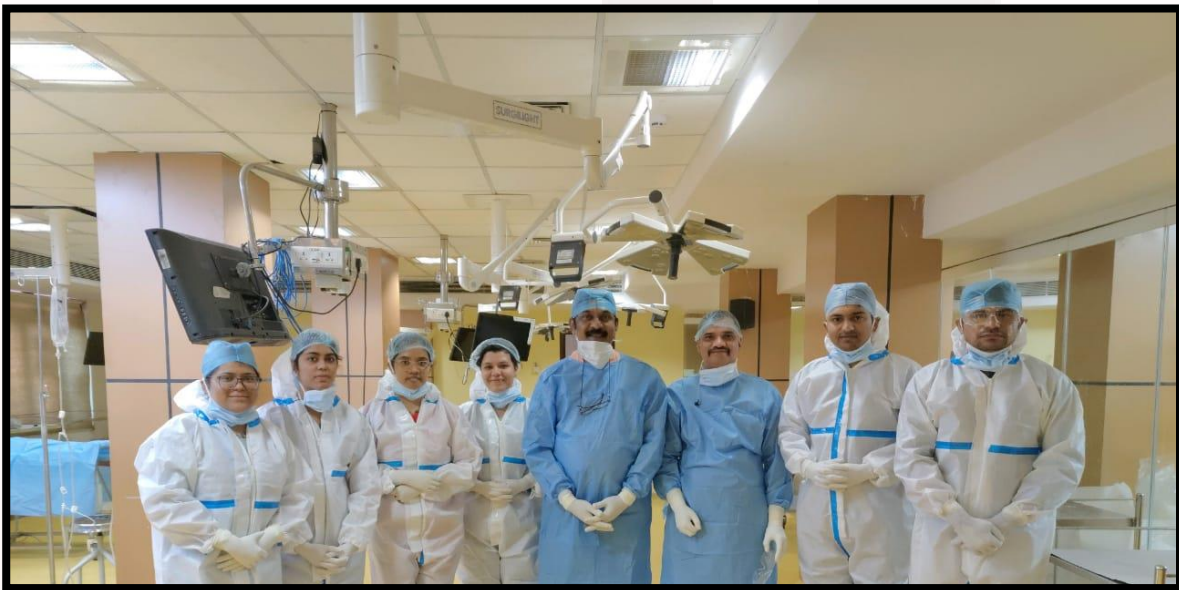


EVENTS

SURGICAL SKILLS TRAINING ON CADAVERS– 14TH-15TH MARCH 2023

Surgical Skills Training On Cadavers At The Advance Learning Centre

Module – 1 (Basic module) in OMFS includes the dissection of the face and identification of various structures of the face. This workshop was conducted between 14th -18th of March 2023, this course was attended by the post graduate students of Department of Oral and Maxillofacial Surgery, FDS.



EVENTS

WORLD ORAL HEALTH DAY- 20TH MARCH 2023

World oral health day was observed on 20th of March 2023. The theme of the celebration is 'Be Proud of Your Smile'. A number of events are underway for the same.

- The event was flagged off by the Department of Periodontology with a lecture by Dr Lavanya for Undergraduate students.
- A dental screening camp was conducted by Dr Ashwini and Dr Greeshma for the women employees of KSRTC Bus Depot in Shantinagar on 14th March, under the banner of Sthree Speciality Clinic. Post graduate students of the Department of Periodontology also participated for the same to examine over 100 patients.
- Free dental check-up was conducted for the week of 20th to 25th March 2023.
- Data is being collated to contribute towards a national health survey on report on hypersensitivity and gingival recession.
- Smile contest is being held for the occasion
- Crossword puzzle is being conducted for undergraduate students



EVENTS

DENTAL PRACTICE MANAGEMENT- 23RD – 24TH MARCH 2023

This first of its kind module is being offered by Dept. of Public Health Dentistry since 2018. The goal of BDS programme is to produce general dental practitioners. The dental graduates get into business of dental practice without being aware of the nuances of practice management. This module was offered to expose students to managerial areas of dental practice (equipment and inventory management, Pricing and marketing and regulatory requirements) and nuances of setting practice. The course was offered to final year students adopting teaching learning strategies such as self reading, guest lectures, small group activities and industry visits.

Speakers: Dr Kiran Nagaraj, Dr Pawan, Dr K Pushpanjali and Mr Yeshwanth, Mr Manjunath (Engineers from Confident Dental Equipments Limited).



“Oral Hygiene Aids”

- On the 9th of February a CDE program was conducted by Dept. of Periodontology and Curaden company where a talk was given by Dr Kishore Hadal on Modern Day Oral Hygiene Aids. The programme was attended with enthusiasm by Undergraduate students.



“Cracking the code in Dentistry”

- On the 16th of January a webinar was conducted by the Dept. of Orthodontics in Collaboration with University of Chicago Illinois on Cracking the code for pursuing a career in Dentistry in the US.
- Resource Person: Dr. Allareddy V.

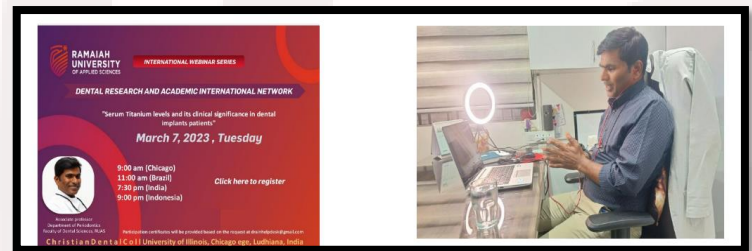
“Systematic Review and Meta Analysis”

- A workshop on “Systematic Review and Meta-Analysis” was conducted by Dept. of Pedodontics on 18th and 20th March, 2023.
- Resource Person: Mr Denny John, Principal, Evidence Synthesis, PharmaQuant.



“Serum titanium levels in Dental implant patients”

- An International Webinar was conducted by Dr. Mahantesha on the 7th of March 2023 from the Department of Periodontology on Dental Research and Academic International Network (DRAIN) platform, in association with University of Illinois, Chicago, USA, on “Serum Titanium Levels and its Clinical Significance in Dental Implant Patients”. The webinar was attended by around 118 delegates.



“Inhalation sedation”

- A workshop on “**Nitrous oxide inhalation sedation**” was conducted on the 30 and 31 of March, 2023 by the Dept of Pediatric Dentistry. Resource Person: Dr Srinivas Namineni, Consulting Pediatric Dentist, Rainbow Children’s Hospital, Hyderabad.

“Data Analytics and AI in Orthodontics”

- On 23rd March, a webinar was conducted by the Dept. of Orthodontics in Collaboration with University of Chicago Illinois on “ Overview of Big data analytics and Artificial Intelligence: Applications in Orthodontics and Craniofacial Healthcare”
- Resource Person: Dr. Allareddy V.





PAPER PUBLICATIONS

- Suma., Singhanian,S., Jain, R., 2023.Comparison Of the Compressive Strength Of Maxillary Complete Denture Reinforced With Glass Fibers And Chrysalis Fibers. International Journal of Dental Science and Clinical Research, 5(1), pp 42-50.
- Mishra, D., Neethu, R.S., Shetty, V. et al. 2023 Contact Guidance Mediated by Hybrid Thread Topography Enhances Osseointegration of As-machined Ti6Al4V Dental Implant. Regen. Eng. Transl. Med.
- Konuganti, K., 2023. Daedeepya. Estimation of Serum Levels of C-reactive protein in Periodontitis Patients–An Observational Study. *Sch J Dent Sci*, 2, pp.32-36.
- Ida, M.J., Shetty, B., Khan, S.F., Yadalam, U. and Nambiar, M., 2023. Development and in vitro characterization of a mucoadhesive gel with Moringa oleifera extract for periodontal drug delivery. *Journal of Indian Society of Periodontology*, 27(2), pp.146-153
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- Shetty,B., KhaDijathul,I., Fazal,I.2023. Evaluation of the Effectiveness of Topical Anaesthetic Gel and Needle Free Jet Anaesthesia in Root Planing: A Cross-sectional Study.*Journal of Clinical and Diagnostic Research*. 2023 Feb, Vol-17(2)
- Rao, A., Ashwini, S. and Deveswaran, R., 2023. Formulation and in vitro evaluation of grape seed extract containing dentifrice. *Materials Today: Proceedings*.
- Choudhary R, Reddy SS, Nagaraju R, Nagi R, Rathore ,Sen R. Effectiveness of pharmacological interventions for Sjogren syndrome - A systematic review. *J Clin Exp Dent*. 2023 Jan 1;15
- Shetty, V., Mishra, D., Barui, S., Nagaraju R and Basu, B., 2023. Preclinical study probing primary stability of dental implants in synthetic and natural bones. *International Journal of Applied Ceramic Technology*, 20(2), pp.842-855.
- Nagi, R., Muthukrishnan, A. and Rakesh, N., 2023. Effectiveness of photodynamic therapy (PDT) in the management of symptomatic oral lichen planus-A systematic review. *Journal of Oral Biology and Craniofacial Research*, 13(2), pp.353-359.
- Latha M.B., Shetty A.K., Deveswaran R., Rai, A.J., Joy S., Shashanka H.M., Hussain S.S.M. and Shetty, S., 2023. Analysis of smart biomaterial containing umbilical cord blood serum protein conjugated with P-(NIPAAm) using spectroscopy. *Materials Today: Proceedings*.
- Tejaswini, B., Shwetha, K M., and Pushpanjali, K., (2023). ‘Development and validation of social-cognitive theory based oral cancer awareness assessment tool for adolescents, *Indian Journal of Community Medicine*, 48(1), pp. 147-154.
- Dr. S Ashwini; Dr. Kavitha Prasad, Dr. B K Sujini; Assessment of Phorphyomonas gingivalis and Filifactor alocis level in gestational diabetes mellitus patients with peritonitis post non surgical periodontal therapy. *World J Dent* 2022, 13(S2): S161-169.
- Jain, N., Nagaraja, S., Mathew, S., Jethani, B., Kumari, M., Nambiar, S. and Sasank, S., 2023. Evaluation of the surface characteristics of nickel–titanium rotary instruments after clinical use: An atomic force microscope study. *Endodontology*, 35(1), pp.43-47.
- Ghosh, S., Shetty, R.V., Mathew, S. and Nagaraja, S., 2023. Clinical management of large perforating internal root resorption with collagen and mineral trioxide aggregate, Two case reports: *Endodontology*;35:72-7.

CDE PROGRAMMES ATTENDED

- ❖ Faculty Development Program, TReE was attended by the faculty of FDS, RUAS held in February and March 2023.
- ❖ Dr Greeshma attended a Hands on workshop on Electrospinning in Saveetha Dental College, Chennai on the 16th February 2023.
- ❖ Dr Rohit Prasad, Dr Akshatha and the III Year MDS students of Periodontology attended the Geistlich Regeneration workshop by Dr Nadja Naenni held in Radisson Blu, Bangalore on the 10th March 2023.
- ❖ Faculty of Dept. of Orthodontics attended a CDE Program on “Efficient Orthodontic Mechanics and techniques” in KLE Dental college Bangalore on 1st February 2023
- ❖ Dr. Sathyashree K. and Dr. Nirajita Bhaduri attended the Indian- International Orthodontic Symposium held in Coorg Institute of Dental Sciences, Virajpet on 24th – 26th February 2023.
- ❖ Dr.Sylvia Mathew participated in the “Training the Trainers” (faculty development program) conducted by Department of Conservative Dentistry and Endodontics, SRM Dental College in association with IACDE, held from 18th to 25th January 2023
- ❖ Dr.Poornima Ramesh participated in the 1st style Italiano Endodontics conference held in Mumbai on 4th and 5th February 2023
- ❖ Dr.Poornima Ramesh participated in the hands-on workshop on “Scouting the Anatomy-management of midroot splits conducted at 1st style Italiano Endodontics conference held in Mumbai on 4th and 5th February 2023.
- ❖ Dr.Chatura Mohan completed training program and workshop on “Health in a changing Climate: Empowering Health Professionals” organized by Divecha Centre for climate change, IISc on 3rd and 4th February 2023.

INTER DEPARTMENTAL MEET

13-02-23	Facial Trauma and Road safety	OMFS	Dr. Naksha. S and Dr. Sushant Belsare
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HEALTH CHECK UP CAMPS

- ❖ 1st Year PGs of Dept. of Periodontics Visited Pedodontic camp with screening and treatment held on 11th February in Anganwadi, Hunasamaranhalli, Yelahanka.
- ❖ Danta Bhagya Camp conducted in Kaiwara by Dept. of Prosthodontics where 20 patients were treated with removable prosthesis.
- ❖ Department of OMDR in collaboration with Department of Periodontology conducted Tobacco awareness program and Dental check up camp for K.S.R.T.C bus drivers in Shanthi Nagar ,Bangalore on 14th March 2023.
- ❖ Dept. of Public Health Dentistry:

Month	No. Of Camps	Patients Screened	No. Of Patients Treated	No. Of Patients Referred
January	Screening camp - 09	1657	23	809
February	Screening camp – 12	1975	19	1120
March	Screening camp – 10	650	12	208
	Kaiwara screening camp – 1	152		50



POSTER/ PAPER PRESENTATIONS:

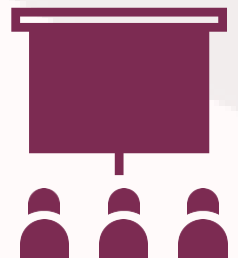
- ❖ Paper presentation in the 5th Annual Conference of TRIPLE 'O' – Kerala, hosted by Pushpagiri College of Dental Sciences on 09th and 10th March 2023.
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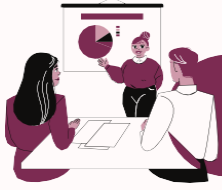
INVITED GUEST SPEAKERS

- ❖ Dr Rajanikanth B R Associate Professor, Department of Oral and Maxillofacial Surgery, Faculty of Dental Sciences, Bengaluru delivered a guest lecture on “Bone Regeneration” at Sri Siddhartha Dental college, Tumkur.
- ❖ Dr. N Rakesh conducted panel discussion on “CBCT in Imaging and Diagnosis” at RUAS DENTCON 2023 conducted from March 2nd – 4th 2023 in Faculty of Dental Sciences ,RUAS ,Bangalore.
- ❖ Dr. Silju Mathew, Dean, FDS, delivered a guest lecture on Interdisciplinary Orthodontics in “IGNITE” held in RV Dental College on 28th – 30th March 2023
- ❖ Dr. Prashantha G.S, Professor and HoD, Dept. of Orthodontics delivered a guest lecture on Biomechanics Of Clear Aligner Therapy in “IGNITE” held in RV Dental College on 28th – 30th March 2023.
- ❖ Dr. Roshan Sagarkar, Associate Professor, Dept. of Orthodontics, delivered a guest lecture on Temporomandibular joint Disorders in Orthodontics in “IGNITE” held in RV Dental College on 28th – 30th March 2023.
- ❖ Dr. Sharanya Sabrish, Associate Professor, Dept. of Orthodontics, delivered a guest lecture on Expansion in Orthodontics in “IGNITE” held in RV Dental College on 28th – 30th March 2023.

POSTER/ PAPER PRESENTATIONS (PG STUDENTS):

- ❖ **PGs from Dept of Conservative Dentistry and Endodontics presented posters/papers at ADAI Mangalore.**
 - Dr.Shreya, Dr.Aishwarya- “Single visit made explicit- Edelweiss veneers”
 - Dr.Srija, Dr.Vinay, Dr.Mounica- “Drill-free aesthetics
- ❖ **The following Post Graduate students from Dept. of Conservative Dentistry and Endodontics presented scientific Paper/Posters at the "RUAS DENTCON" held at MSRUAS on 1st, 2nd and 3rd March, 2023.**
 - Dr.Sushritha Sricharan, Dr.Anu Elsa Swaroop- “Live and let Live”-Vital pulp therapy- Won 1st Place.
 - Dr.Ayesha Najam- “Aesthetics blended with functionality :the new reality. – Won 2nd Place.
 - Dr.Shreya Mangalgi- “ENDO-NANODONTICS”- Won 2nd Place.
 - Dr.Saraswathi, Dr.Harshini- “Resolve the dissolved”- Won 2nd Place.
 - Dr.Sagarika Yadav- “Cross-linkers in composite”.- Won 2nd Place.
 - Dr.Aishwarya, Dr.Vinay Keerthi- “A ray of hope- photodynamic therapy”
 - Dr.Srija L- “Tooth metaverse”
 - Dr.Mounica V- “Black triangles”
 - Dr.Minati Jain, Dr.Sophia Saud- “Cosmetic bleaching-brighter and whiter smiles”.





POSTER/PAPER PRESENTATIONS (PG STUDENTS):

❖ **Dr. Sruthy S and Dr.Ummu Salma Z** from Dept of Oral Medicine and Radiology presented a paper on “Heat Shock Proteins As Potential Diagnostic Marker In Tobacco Users” at RUAS DENTCON 2023 conducted from March 2nd – 4th 2023 in Faculty of Dental Sciences ,RUAS ,Bangalore.

❖ **Dr. Nitya** from Dept of OMFS presented a Paper Title – “Use of Nimodipine in the management of Post traumatic Facial nerve injury” and won second place the National Dental Conference DENTCON, conducted on 2nd,3rd & 4th of March 2023, at Ramaiah University of Applied Sciences, Bengaluru.

❖ **Dr Aastha Lal** was awarded the 1st Best paper presentation at National Conference, RUAS DENTCON 2023, Held at Bangalore from 2nd-4th March 2023.

❖ **The 1st year PGs presented paper and poster at the National Dental Conference DENTCON, conducted on 2nd,3rd & 4th of March 2023, at Ramaiah University of Applied Sciences, Bengaluru**

- **Poster Presentation**

- Bifid Mandibular Canal : A menace to oral surgeons by Dr.Shivani R.M. and Dr. Shika Jain – won 2nd Prize
- Revamping Extensive Facial soft tissue injury: a multifaceted approach in alleviating scar.- Dr. Rashmi and Dr. Surabhi C won 2nd Prize.

❖ **The following Post Graduate students from Dept. of Public Health Dentistry presented scientific papers at the "RUAS DENTCON" held at MSRUAS on 1st, 2nd and 3rd March, 2023.**

- **Dr. Anam Tasneem**- Risk factors of oral cancer among the Indian Population – scoping review.
- **Dr. Elita Bhaskar** - Practice management: A Makeover of a Lifetime.

❖ **The following 1st, 2nd and 3rd year Post Graduate students from Dept. of Pediatrics and Preventive Dentistry presented scientific Paper/Posters at the "19th ISPPD National PG Convention" held at Saveetha Dental College, Chennai from 23rd-25th Feb 2023.**

- **POSTER presentations by 1st year postgraduates-**

- Dr Aishwarya – Curcumin The Most Precious Gold In Dentistry- A Review
- Dr Simran - Prevalence of Malocclusion in Children with Obstructive Sleep Apnea and Prediction of Asthma
- Dr Radhika - Germectomy: Future of tissue regeneration
- Dr Vaishanvi - Barriers to Paediatric Dental Care: The Combined View Point of Parents, Paediatricians, Paediatric Dentists and General Dentists
- Dr Roopa - Osteopontin a future remineralizing agent
- Dr Rutuja - Human Dental Pulp Stem Cells "The Holy Grail"

- **Paper presentation by 2nd year postgraduates-**

- Dr Arya- Comparison of anxiety levels during dental treatment using three different behaviour management techniques
- Dr Yshanna de Souza – Knowledge and Awareness among preschool teachers in North Goa district, regarding oral health in children - A Cross Sectional study
- Dr Dhanyashree- Will biosynthesized nano metal modified GIC make a difference in restorative dentistry?
- Dr P Jayashri Sivani – Assessment of antibacterial activity of isolated cocoa compounds against streptococcus mutans through in-silico approach.- Won 2nd Place.


POSTER/PAPER PRESENTATIONS (PG STUDENTS):

- Dr Surabhi Sharma - Assessment of knowledge and awareness in early detection and prediction of incipient caries using Artificial Intelligence (AI) and Machine Learning (ML) among dental undergraduates, postgraduates and private practitioners in Bangalore City.
- Dr Suraksha Shetty – Antioxidant and Antibacterial Effect of Novel Gold Nanoparticle-PRP-Polymer Conjugate against Streptococcus Mutans- An In Vitro Study.- Won 1st Place.
- **Paper presentation by 3rd year postgraduates-**
- Dr Charu Kalra- Evaluation of antibacterial efficacy of silver nanoparticles added pit and fissure sealant an in vitro study.
- Dr Gangeyee Soneja- “Prevalence of Dental Caries in high school children of Bengaluru city.
- Dr Prem Kumar R- “Detection of Dental Caries in Primary Dentition using algorithm analysis – A pilot study “
- Dr Serene Joy- “Proteomic Characterization of Lyophilized Umbilical Cord Blood Platelet Rich Plasma for Vital Pulp Therapy ”
- Dr Tanya Saxena- Effect of Cariogenic Challenge on Levels of Elemental Components of Both Primary and Permanent Teeth – An In Vitro Study.
- Dr Vismaya Vinod Dhareshwar- A brush up to Mineral Trioxide Aggregate as Bio Inductive Pulp Capping Material.- Won 1st Place.
- ❖ **PGs from Dept of Oral and Maxillofacial Pathology presented papers in the 5th Annual Conference of TRIPLE ‘O’ – Kerala, hosted by Pushpagiri College of Dental Sciences on 09th and 10th March 2023.**
- **Dr Aastha Lal-** Paper presentation in the 5th Annual Conference of TRIPLE ‘O’ – Kerala, hosted by Pushpagiri College of Dental Sciences on 09th and 10th March 2023.
- **Dr Kuntala Mondal-** Paper presentation in the 5th Annual Conference of TRIPLE ‘O’ – Kerala, hosted by Pushpagiri College of Dental Sciences on 09th and 10th March 2023.
- ❖ **The following 1st, 2nd and 3rd year Post Graduate students from Dept. of Pediatrics and Preventive Dentistry presented scientific Paper/Posters at the "RUAS DENTCON" held at MSRUEAS on 1st, 2nd and 3rd March, 2023.**
- **POSTER presentations by 1st year postgraduates**
- Dr Aishwarya – Properties And Potential Applications Of Curcumin In Dentistry
- Dr Simran - OSA, Malocclusion and Asthma – Interrelated?
- Dr Radhika - Low level laser stimulation of acupuncture points in pediatric dentistry
- Dr Vaishanvi - Facts and Myths about oral rinses in children
- Dr Roopa - Enamel remineralization by Osteopontin
- Dr Rutuja - Human Dental Pulpal Stem Cells: Deciphering Reparative Process
- **Paper presentation by 2nd year postgraduates-**
- Dr Arya- Maternal influence on Early Childhood Caries - A Narrative Review
- Dr Dhanyashree- Lemongrass oil: The future essential of Dentistry
- Dr Surabhi Sharma - Role of AI and ML in diagnosis of incipient caries - A comparative study among dental undergraduates and postgraduates
- Dr Suraksha Shetty – To measure the proliferative effect of novel gold nanoparticles - N -isopropyl acrylamide -cord blood-PRP conjugate by scratch assay and cell viability by MTT assay.- Won 2nd Place.



POSTER/PAPER PRESENTATIONS (PG STUDENTS):

• Paper presentation by 3rd year postgraduates

- Dr Serene Joy- Assessment of human umbilical cord blood platelet rich plasma for dentin formation by Modified Gallego's stain in Wistar rat molars.- Won 2nd Place.
- Dr Vismaya Vinod Dhareshwar- A path towards evolving dentistry with Mineral Trioxide Aggregate.- Won 1st place.
- Dr Gangeyee Soneja- Traumatic pink tooth- a case report.

❖ PGs from Dept of Orthodontics presented posters/papers/table clinic in IOS PG Convention held in Lucknow from 16th to 19th February 2023.

- Dr. Pratiksha- paper presentation- Conventional vs Digital Surgery Planning.
- Dr. Thejas- paper presentation- Can Tartrate resistant acid phosphate be a potential salivary biomarker for initiating tooth movement amongst orthodontic patients? – Won Best paper of the session in non competitive category.
- Dr. Ayushi and Dr. Selvi- Table Clinic- “Ortho Rover”
- Dr. Vruna- Poster presentation- Evolution of Bracket Positioning.

❖ PGs from Dept of Conservative Dentistry and Endodontics presented posters/papers/table clinic in 23rd IACDE PG convention , Kolhapur.

- Dr.Shreya, Dr.Srija- “Fourth screen makeovers?”
- Dr.Anu Elsa , Dr.Harshini- Development and characterization of a local drug delivery system for endodontic disinfection.
- Dr.Sagarika Yadav- “Antimicrobial activity of gold nanoparticle doped endodontic biosealer on E.faecalis”

- Dr.Saraswathi - Management of instrument separation-to leave or to retrieve”
- Dr.Sophia Saud- “Enriched advanced PRF with gold nanoparticles against E.faecalis for its potential use in revascularization of necrotic immature permanent teeth”.
- Dr.Vinay Keerthi, Dr.Aishwarya, Dr.Mounica-“When failure is not an option- Nanobots”
- Dr.Minati Jain - “Phytochemical, GC-MS nalysis and antimicrobial efficacy of Pongamia Pinnata leaf extract”

❖ The following 2nd and 3rd year Post Graduate students from Dept. of Orthodontics presented scientific Paper/Posters at the "RUAS DENTCON" held at MSRUAS on 1st, 2nd and 3rd March, 2023.

- Dr. Pratiksha, Dr. Ayushi -paper presentation- Conventional vs Digital Surgery Planning- Which one to choose?
- Dr. Thejas- paper presentation- Can Tartrate resistant acid phosphate be a potential salivary biomarker for initiating tooth movement amongst orthodontic patients? – Won Best paper of the session in non competitive category.
- Dr. Vruna and Dr. Selvi- Let your smile arc smile- the art of possible.
- Dr. Ashok- Paper presentation- 3D comparison of infrazygomatic crest thickness in different facial patterns- A cross sectional study.
- Dr. Neha Dechamma- Comparison of airway volume between skeletal Class I and Class II patients using CBCT- A cross sectional study.
- Dr. Sauni Ashfaq- paper presentation- Autotransplantation- A ray of hope- A case series.
- Dr. Bharat and Dr. Asha- Paper presentation- Speech defects and malocclusion.



ACHIEVEMENTS

- ❖ Dr Sivaranjani Innovative product prototype at SERB INAE Conclave at IIT Kanpur Book Chapter: Emerging Trends in Micromachining of Dental CAD-CAM Systems in Electro-Micromachining and Microfabrication Principles and Research Advances.
- ❖ Dr. Shwetha K.M. received her PhD at the 7th MSRUAS convocation on 16th February 2023.
- ❖ Dr Ashwini, Dr Bhavya Shetty and Dr Greeshma were awarded seed money by RUAS to pursue research.
- ❖ Dr. K Ranganath (Professor and Head – Department of Oral and Maxillofacial Surgery was granted Indian Patent for his invention “3-DIMENSIONAL ANTERIOR MANDIBULAR DISTRACTION DEVICE”.
- ❖ Dr.Parimala Sagar, Associate Professor completed her PhD titled- “Decompression of cystic Lesions of the jaws: A correlation between clinical and biologic behavior with molecular markers expression before and after decompression” from Rajiv Gandhi University of Health Sciences, Bengaluru, under the guidance of Dr. Kavitha Prasad.
- ❖ Dr Dominic Augustine, was awarded the 2nd best overall Scientific Paper in the 5th Annual Conference of TRIPLE ‘O’ – Kerala, hosted by Pushpagiri College of Dental Sciences on 09th and 10th March 2023.
- ❖ RUAS Seed Grants received for the following projects from the dept of Conservative Dentistry and Endodontics:
 - Development and characterization of a local drug delivery system for disinfection and regeneration in Endodontics
 - Principal Investigator: Dr.Sylvia Mathew
 - Co- Principal Investigator: Dr.Shruthi.N, Dr.Deveswaran.R., Dr.Anu Elsa Swaroop, Dr.Harshini P, Dr.V.Mounica
 - Assessment of the biocompatibility and anti-oxidant property of a Cissus quadrangularis-based novel intracanal medicament
 - Principal investigator: Dr.Chatura Mohan
 - Co-Principal investigator: Dr.Deveswaran.R.
 - Comparative study of proliferative effect of human adult peripheral and umbilical cord blood platelet-rich fibrin enhanced with gold nanoparticles on human dental pulp stem cells.
 - Principal investigator: Dr.Indiresha.H.Narayana
 - Co-Principal investigator: Dr.Ashmitha K Shetty



ACHIEVEMENTS

An Indo German Science and Technology Workshop was held to discuss and deliberate on progress of research on Biomaterials for bone regeneration and implants between clinicians and material scientists of both India and Germany. Dr Vibha Shetty was invited to be a guest speaker at the above IGSTC Workshop on Biomaterials, Erlangen Germany, Feb 13th-15th 2023. Dr. Vibha presented on clinical work at FDS RUAS using biomaterials with the current gaps that joint research can address. The address started with a brief introduction to FDS and RUAS.

On the Indian side, there was representation from IISc, RUAS, Jaslok Hospital, KGMU Lucknow, BHU Varanasi, IIT Kanpur, Tata New Materials. On the German side, there were clinician and scientist delegates from FAU, Max Planck Institute, Universities of Mainz, Cologne, Bremen, Dresden, Goethe, Heidelberg, Würzburg and Leuven.



RUAS DENTCON

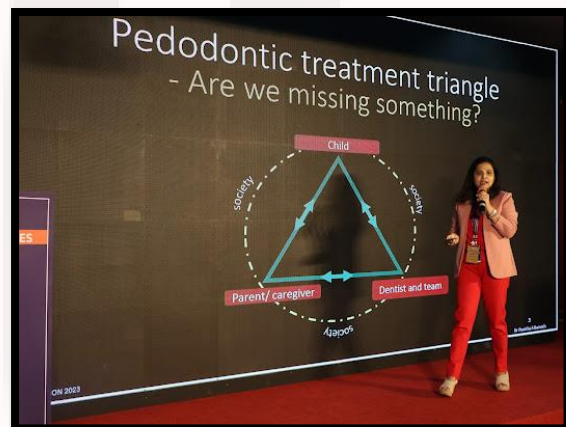
A national scientific conference “RUAS DENTCON” was organized by FDS, RUAS from 2nd to 4th March 2023. This Academic extravaganza was attended by around 600 delegates from around the country. RUAS DENTCON consisted of value added Hands on Workshops by distinguished clinicians. The following hands on workshops were conducted on 2nd March 2023:

- Endorevolutions- Mastering Endodontic Paradigms
- LASERS in Clinical Practice
- Disaster victim identification- A forensic odontology approach
- Implementation of NEP principles in dental institutes.
- Surgical Skills training in cadaver: Surgical Approaches to facial skeleton and osteotomy techniques.
- Basics of implantology
- Tips and Tricks of DAMON with vector TAS.



RUAS DENTCON

Various knowledge imparting keynote lectures by alumni speakers and invited guest speakers were delivered on a myriad of topics including recent advances in dentistry, practice management, legal jurisprudence and digital dentistry. Scientific Poster/ paper presentations for the delegates saw participation in large numbers and a Quiz competition was also organized. Alumni dinner and Gala banquet were arranged for interaction among the delegates.



RUAS DENTCON

