



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

FACULTY OF
DENTAL SCIENCES

SMILE CHRONICLES



**FDS
NEWSLETTER
JAN-MAR 2025**



Leadership At RUAS



Dr. M.R. Jayaram
Chancellor



Prof. Kuldeep Kumar Raina
Vice Chancellor



Dr. G S Venkatesh
Registrar



Prof. R. V Ranganath
Dean- Academics

Editorial Board:



Dr. Silju Mathew
Dean



Dr. Nirajita Bhaduri
Editor-in-chief



Dr. Greeshma C



Dr. Shwetha KM



Dr. Shwetha V



Dr. Karishma J



Dr. Chatura Mohan



Dr. Kora Ramya



Dr. Elizabeth Varghese



Dr. Hajira

Contents

03

Dean's Message

04

Events

10

Dental Camps

12

Publications

13

Faculty
Presentations/Guest
Lectures

15

Student
Presentations

17

Achievements

20

Extracurricular
Activities



DEAN'S MESSAGE

Dear All,

This quarter has been a vibrant tapestry of academic excellence, clinical innovation, community outreach, and spirited participation across all facets of our institution.

The Faculty of Dental Sciences has once again demonstrated its unwavering commitment to holistic education and societal impact. From the dynamic celebrations of Prosthodontist Day and Conservative Dentistry and Endodontics Day, to the insightful workshops on Ultrasound in Dentistry and Composite Restorations, our departments have fostered a culture of continuous learning and innovation.

Our outreach initiatives, including the Danta Bhagya and Danta Kavacha programs, have touched hundreds of lives, reaffirming our dedication to accessible oral healthcare. The special camps for individuals with speech and hearing disabilities and tobacco awareness programs reflect our inclusive and preventive approach to dentistry.

I am particularly proud of the remarkable achievements of our faculty and students. From securing prestigious research grants and patents to winning accolades at national and international platforms, their accomplishments are a testament to the academic rigor and mentorship that define our institution.

The participation of our students in global conclaves and their success in scientific presentations highlight the bright future of dental research and practice. Equally commendable are the extracurricular triumphs, such as sports and cultural events, which underscore the well-rounded development we strive to nurture.

As we bid farewell to our esteemed colleague, Dr. Rashmi B Mandokar, we extend our heartfelt gratitude for her years of dedicated service and wish her continued success in her future endeavors.

Let us continue to build on this momentum, fostering a spirit of inquiry, compassion, and excellence in all that we do. I thank each member of our FDS family for their contributions and look forward to an even more inspiring journey ahead.



**Warm regards,
Dr. Silju Mathew
Dean, Faculty of Dental Sciences, RUAS**

CONSERVATIVE DENTISTRY AND ENDODONTICS DAY

Cons-Endo Day 2025 was celebrated on 05th March 2025. On this occasion, a series of exciting events and insightful workshops was organized from Feb 24th to March 20th 2025. Class II Cavity Preparation Competition was held for UG students, followed by the Quiz Competition and treasure hunt. A workshop was organized on Replicating Functional Morphology by Mr Hanumesh followed by an alumni talk by Dr Anu Elsa Swaroop, where she shared her insights on dental bleaching.

A workshop was organized on Dental photography titled: “A JOURNEY- A light perspective” documentation for esthetic dentistry by Dr Ashwini Santosh. The programme commenced with an inauguration of the Smart Interactive Panel in the department. A hands-on workshop on portrait and intra-oral photography was conducted. On March 17th, in collaboration with the Department of Public Health Dentistry, a screening and treatment camp was organized for individuals with speech and hearing disabilities.



PROSTHODONTIST DAY

Prosthodontist Day 2025 was celebrated with pride and innovation by the Department of Prosthodontics and Crown & Bridge, on 22nd January honoring the crucial role of prosthodontists in dental care. The event opened with addresses by Dr. Sivaranjani Gali, Head of Department, Dr. Silju Mathew, Dean and Dr. Suma, Professor who offered inspiring insights.

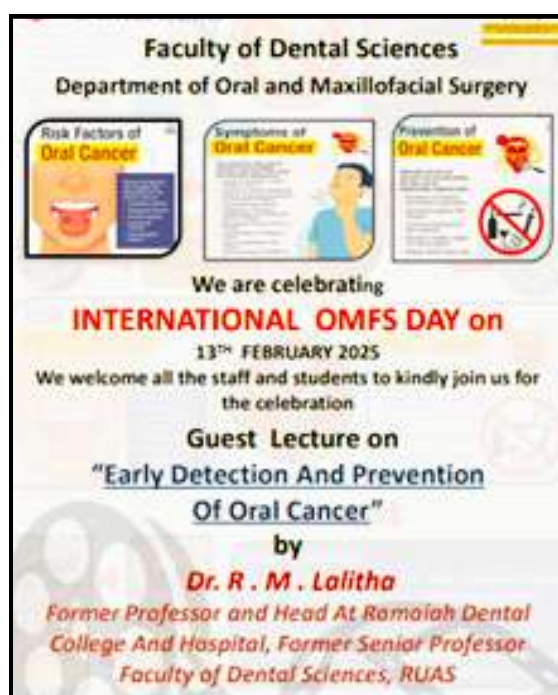
A webinar on "Reimagining Provisional Restorations Using Digital Workflow" by Dr. Amrutha Shenoy and Dr. Subhabrata Maiti was among the academic highlights. A reel and photography competition with the theme 'God creates, We recreate' drew participation from undergraduate and postgraduate students across various colleges in Bangalore, showcasing creativity and enthusiasm.

A major highlight was the "Crown in a Day" initiative, where postgraduate students, supported by faculty and in-house lab technicians, delivered IPS e.max crowns to ten patients within 24 hours—demonstrating innovation, teamwork, and excellence in patient care. The celebration was a vibrant blend of academic learning, artistic expression, and clinical innovation.



INTERNATIONAL OMFS DAY

On the occasion of International OMFS day a guest lecture was organised by the Dept of Oral and Maxillofacial Surgery on 13th February 2025 for the undergraduates and Postgraduate students of Faculty of Dental Sciences to highlight the importance of early detection of Oral Cancer. The topic of the lecture was “Early Detection And Prevention Of Oral Cancer”. Dr. Lalitha delivered an insightful presentation on the role of an Oral and Maxillofacial Surgeon in the early detection of oral cancer for the prognosis of this deliberating disease. The lecture was made much more interesting and engaging as it was laced with personal stories of such patients coupled with Dr. Lalitha’s years of experience working in an oncology institute.



COMPOSITES MADE EASY

Department of Prosthodontics and Crown & Bridge organized a Value Added Course titled 'Composites Made Easy' from 3rd to 7th February 2025. The event aimed to provide in-depth knowledge and hands-on experience on various composite restoration techniques used in modern dentistry. The course featured Dr. Manikya Arabolu, a Clinical Specialist for 3M Oral Care in South India. With an MDS in Prosthodontics and extensive experience in restorative dentistry, she has conducted over 600 workshops across South India. Additional experts, Dr. Rhea Matthew and Dr. Shruthika Mahajan, contributed to specialized training sessions.

The workshop spanned five days, covering various aspects of composite restorations. The course included a demonstration and hands-on session on midline closure using the direct composite technique, conducted by Dr. Manikya Arabolu. And a demonstration and hands-on session on core build-up for root canal treated teeth and rubber dam isolation, facilitated by Dr. Rhea Matthew & Dr. Shruthika Mahajan.



ORAL PATHOLOGISTS' DAY

Dept. of Oral & Maxillofacial Pathology and Oral Microbiology, celebrated National Oral Pathologists' Day 2025 with engaging events to promote Oral & Maxillofacial Pathology. Over 200 entries were received nationwide for online contests like E-Poster and 3D Model Preparation. On 27th February, in-house events included the Ramaiah Pathoscope Quiz, Treasure Hunt, and Soap Carving. Guest lectures by Dr. Clement Wilfred D and Dr. Hajira Khatoon emphasized histopathology's role in clinical decision-making.



WORLD ORAL HEALTH DAY

The department of Public Health Dentistry organised an "Oral Health Education Programme" for the Department of Education, RUAS, wherein the teachers received an orientation to good oral hygiene and habits, which will enable them to be able to inculcate the same knowledge to children as well as incorporate it into their own lives. The two sessions taken by Dr. Shwetha K.M and Dr. Anitha Sagarkar was followed by screening in the department by the Post-graduate students. All oral diseases were looked into and referral cards were provided for necessary treatment that included restorative as well as preventive treatment.



ULTRASOUND IN DENTISTRY

A Guest Lecture and Hands-On Workshop was conducted by the Dept. of Oral Medicine and Radiology on "Ultrasound Technology in Dentistry: Therapeutic Perspectives" as part of Value-Added Course by Dr Suhas S, Professor & Head, Department of Oral Medicine and Radiology, Sri Siddhartha Dental College on 10th January 2025



2017 Classification : The Decoding Continues

The Department of Periodontology, FDS, RUAS conducted a hands-on workshop, "2017 Classification : The Decoding Continues" on 26th March 2025. The event was done in collaboration with Bangalore Academy of Periodontology and Krishnadeveraya College of Dental Sciences. It was attended by Periodontologists from across Bangalore, faculty and practitioners, as well as Post graduates. Over 245 participants benefited from the program with 10 resource persons delivering the course content.



DENTAL CAMPS

Tobacco Awareness School Program

Tobacco awareness community programmes were conducted at:

- Ashwini Charitable Trust, Osborne Road on 8th January 2025 and Makkala Jagriti Yuva Cafe, Gopalapura on 6th March 2025 for underprivileged students.
- Podar International School for 8th and 9th standard students on 4th March 2025
- Ramaiah Composite Pre-University College on 22nd March 2025 for Pre University students and MSRIT on 26th March 2025 for Batch 1 engineering students.



Danta Bhagya Scheme

A total number of 25 completely edentulous and partially edentulous patients were treated under Danta Bhagya Scheme by the Dept of Prosthodontics on 25th, 28th March and 3rd April 2025. The denture camp was held in Kaiwara Outreach Unit with the support of Dental Health Officer of Chinthamani, Govt Health Centre.



DENTAL CAMPS

Health Check Up Camps

Department of Public Health Dentistry:

MONTH	NO. OF CAMPS	PATIENTS SCREENED	NO. OF PATIENTS TREATED	NO. OF PATIENTS REFERRED
January	19	1543	206	662
February	14	1288	196	621
March	15	502	120	301

- From 7th January to 28th February 2025, several dental check-up and treatment camps were held under the Danta Kavacha programme. The mobile dental van, Danta Suraksha, was also used to provide treatment on 25th, 28th, and 29th January 2025.
- A special dental camp was held for children with hearing and speech difficulties under the Danta Aasare programme. The camp took place from 10th to 24th March 2025, and treatment was given on 10th, 11th, and 24th March.



PUBLICATIONS

- Shetty S, Gali S, Venkatesh R, Jeswin MS, Thippeswamy MN. Deep learning-based detection of incisal translucency patterns. *The Journal of Prosthetic Dentistry*. 2025 Jan 20.
- Gali S, Patel Z, Akanksha YN, Karuveetil V. Effect of Coloring Pigments on the Properties of Dental Zirconia—A Systematic Review and Meta-Analysis. *Journal of Esthetic and Restorative Dentistry*. 2025 Feb 19.
- Jairam L, Reddy KR, Mohan C, Greeshma C, Bhaduri N. Nanomedicine for chronic wound healing. *Recent Advances in Nanomedicines Mediated Wound Healing*, Academic Press 2025;21:373-391.
- Reddy, S. S., Rakesh, N., Nagi, R., Prathap, H., Singh, M.SJ., Gopal, J., 2024. Differential Responses of Oral Mucosa to Injury. *Bioscene*, 21(4), pp.465-478.
- Gautam, N., Bohra, S.S., Upadhyay, R., Rakesh, N., Patri, G., Roshni, R.S. and Shetty, S., 2024. The Evaluation of Anti-Osteoclastic Activity of the Novel Calcium Hydroxide Biodegradable Nanoparticles as an Intracanal Medicament. *Journal of Pharmacy and Bioallied Sciences*, 16(Suppl 4), pp.S3815-S3817.
- Pushpalatha, C., Venkataramana, S., Ghosh, T., Ramesh, P., Nagaraja, S. and Kumar, V., 2025. Hybrid polymeric scaffolds for diagnostic applications. In *Hybrid Polymeric Systems for Biomedical Applications* (pp. 233-263). Woodhead Publishing.
- Nagaraju, R., Roy, A., Hussain, S., Singh, G., Nanda, A.K. and Mishra, A. (2024). *Nicotine and oral cancer*. Rivers Publication.
- Shwetha, V., Reddy, S.S., Rakesh, N., Pavankumar, T., Prathap, H. & Singh, M.S.J., 2024. Photodynamic therapy: an effective non-invasive treatment for oral lichen planus. *Bioscene*, 21(4), pp.783-794.
- Shetty, B., Khan, S.F., Irfana, K. and Nambiar, M., 2024. Effect of osseous defect on periodontal ligament stress under normal masticatory force: A three-dimensional finite element analysis of mandibular second molar. *Journal of Indian Society of Periodontology*, 28(6), pp.691-696.

FACULTY PRESENTATIONS/PROGRAMS ATTENDED/GUEST LECTURES

- Dr. Suma and Dr. Prasanna participated in the 1st AGeD Global Conclave on Geriatric Dentistry, held from Feb 14–16, 2025, in Chennai. Dr. Suma attended a pre-conference course on Geriatric Dentistry, while Dr. Prasanna participated in a course on ‘Enhancing Osteogenesis and Dental Implant Success in Geriatric Patients’. Both faculty members presented a paper titled "Bridging Gaps in Geriatric Dentistry with Digital Solutions in Teaching Institutions," which won the O Best Paper Presentation award
- Dr Suma & Dr Prasanna delivered a Guest lecture for Ramaiah College of Arts, Science & Commerce, RUAS on ‘World Oral Health Day’ on 20th March 2025.
- Dr Sowmya SV, Dr Dominic Augustine and Dr Hajira Khatoon attended an online Live CDE Webinar on “Stem cells in Oral Pathology: Pioneering Solutions for Regeneration and Disease Management” organized by Rajneeth Deshmukh Dental College & Research Centre, Nagpur on 28th March 2025.
- Dr Sowmya SV, Dr Dominic Augustine, Dr Surendra L and Dr Hajira Khatoon attended a 3- days National Online workshop, on the topic “Unlocking Human history: Insights into Craniofacial Anthropology” organized by Forensic Organization for Research and Crime Enigma from 29th – 31st January 2025.
- Dr Surendra L has attended online webinar titled “Post and Core Restorations: From Fragile to Functional” organized by MIK education on 30th January.
- Dr Surendra L has attended online Guest Lecture titled “Oral Tissues and their Clinical Implications” organized by Teerthanker Mahaveer Dental College & Research Center on 9th January 2025.

FACULTY PRESENTATIONS/PROGRAMS ATTENDED/GUEST LECTURES

- Dr Shwetha V, Dr Haripriya P, Dr Akshatha R, Dr Asna Azim, Dr Shruthi G attended the continuing education program on ‘Gastro-Intestinal, Oral Health: Intersections in Diagnosis and Treatment’, organised by Department of Oral Medicine and Radiology, D. A. Pandu Memorial RV Dental College on 31st January 2025.
- Dr Haripriya P attended the CDE program and workshop on “Role of Dentists in Disaster Victim Identification” organized by the IDA, Bangalore branch, VSDC on 25th January 2025.
- Dr Ashwini S and Dr Mahantesha delivered a Guest lecture on “2017 Classification: The decoding continues A Hands on workshop” on 26th march 2025 at FDS, RUAS Bengaluru
- Dr Kranti Attended a workshop on Standardization of data through AQAR on the 12th of March. He attended a session on soft tissue and implants at Vishnu Dental College, Bheemavaram.
- Dr Mahantesha S conducted a Guest lecture with Handson Course Titled “Beyond the surface: Mastering peri-implantitis care for optimal implant Longevity” at 13TH ISP COLLOQUIUM 25, GITAM dental college and Hospital Vaizak on 03/03/2025

POSTGRADUATE/ UNDERGRADUATE PRESENTATIONS

- Dr Aastha Lal, Dept. of Oral Pathology participated in 11th Annual Research symposium Award held by Roseman University of Health Sciences on 19th February 2025.
- 1st, 2nd year and 3rd year post graduates of Dept. of Pedodontics attended 21st post graduate convention of Indian society of Pedodontics and Preventive Dentistry (Pedosoch) 2025 from 30th Jan to 1st Feb 2025.

The following undergraduate students presented papers in Global Conclave on Oral Health Innovation & Research, New Delhi held from 14th -15th February 2025 under the guidance of the department of Oral Pathology:

- Dr Mukul Saini presented scientific paper titled “Automated Micronuclei Detection in Exfoliated Oral Epithelial Cells of Smokers Using Image Analyzing Software and Machine Learning”
- Dr Sanjana Shetty has presented scientific paper titled “MATLAB based Detection of Juxta Epithelial Hyalinization for Early Diagnosis of OSMF”
- Dr Vikas B has presented scientific paper titled “MATLAB based Quantitative Analysis of Intra-tumoral Mast Cells in OSCC and its Prognostic Significance”
- Dr Saiprasad Alva has presented scientific paper titled “Convolutional Neural Networks: An Aid for Diagnosing Bacterial and Fungal Osteomyelitis”
- Dr Rasika Sinha has presented scientific paper titled “Enhancing Diagnostic Precision in Oral Lichen Planus and Oral Lichenoid Lesions: A Histomorphometric Analysis with Digital Microscopy.”

POSTGRADUATE/ UNDERGRADUATE PRESENTATIONS

- 1st year and 2nd year post graduates of Pedodontics Dept, Dr.Aishwarya and Dr.Shikha attended a hands on training for lab animal research programme.
- The Post graduate students of Public Health Dentistry, Dr. Aradhya Sharma and Dr. Neha Shetty attended the Indian Public Health, Bengaluru from 1st March to 31st March 2025 in order to pursue a Field assignment programme. The schedule constituted of attending meetings, seminars, field visits for setting up dental camps, making a blueprint and submitting activity reports.
- Dr Jagruthi Gopal and Dr Monika SJ Singh presented a scientific poster titled “Evaluation of Cytotoxic Effect of 10 HCPT on Dysplastic Oral Keratinocytes and Cancer Induced DOK” at the Global Conclave on Oral Health Innovation & Research, New Delhi held from 14th -15th February 2025.

FACULTY ACHIEVEMENTS

- Dr Greeshma secured an ICMR grant for 89 lakhs for the project “Development and characterization of a novel silk fibroin-based hydrogel loaded with recombinant human parathormone for osseous regeneration and evaluation of its efficacy in murine models”
- Dr Dominic Augustine was awarded the prestigious Dr. APJ Abdul Kalam National Award for Oral Health Innovation & Research in the category of Distinguished Scientist in Oral Health Research Awards held in Dr Ambedkar International Centre, New Delhi from 15th – 16th February 2025. This prestigious award was given for the recognition of the PhD work carried out at RUAS, its associated publications, outcomes & conference awards.
- Dr Hajira Khatoon won First Prize in Paper Presentation Competition for presenting a scientific paper titled “Impact of CADM1 and CRTAM in Smokeless tobacco Driven Metastatic Progression of Oral Squamous Cell Carcinoma” in the International Oral Cancer Congress 2025 organized by National Health Academy, India and Faculty of Dental Sciences, SGT University, India from February 6-9 2025.
- Dr Dominic Augustine won Second Prize in Paper Presentation Competition for presenting a scientific paper titled “Fabrication of a Nano Emulsion –Based Histopathology Slide for Accurate Diagnosis of Oral Cancer” in the International Oral Cancer Congress 2025 organized by National Health Academy, India and Faculty of Dental Sciences, SGT University, India from February 6-9 2025.
- Dr Sowmya SV won Third Prize in Paper Presentation Competition for presenting a scientific paper titled “Cloud Based Predictive Application for the Early Detection and Risk Stratification of Oral Cancer” in the International Oral Cancer Congress 2025 organized by National Health Academy, India and Faculty of Dental Sciences, SGT University, India from February 6-9 2025.

FACULTY ACHIEVEMENTS

- Dr Dominic Augustine won awarded Best Paper at “International Conference on Craniofacial Pathology & Biology”, held on 7th & 8th, February, 2025 Organized by Department of Oral Pathology & Oral Biology, Saveetha Dental College & Hospitals, Chennai.
- Dr Sujatha S received a patent on “A Non Invasive Salivary Glucometer” and “A Dosimeter with Tissue Damage Detection”

STUDENT ACHIEVEMENTS

- 2nd year PG Dr.Pooja yadav has received PG student research grant for MDS thesis from ICMR for her thesis titled “ Formulation and physicochemical characterization of a novel nanostructured bioactive root canal sealer using lyophilized PRF. Guided by Dr.Poornima Ramesh and Dr.Shruthi Nagaraja.
- Dr. Sthithika Shetty on being awarded the ‘Best Dissertation’ titled ‘Automated detection of incisal translucency using deep learning models’ under the mentorship of Dr Sivaranjani Gali in January 2025.
- Sandeep Kolla, an undergraduate final year student, won first place for paper presentation at the Quest 9.0 -International Dental Educationists Association (IDEA) in collaboration with Coorg Institute of Dental Sciences Conference - Graduate Dental Science extravaganza held on Feb 2025, under the mentorship of Dr. Sivaranjani. In the same event, Dr. Sai Prasad Alva and Dr. Sai Rachna, also undergraduate students, were awarded third place guided by Dr. Gayathri and Dr. Babashankar Alva.
- Dr Shikha Bhaskar, guided by Dr Ashmitha Shetty, received DHR financial support for MDS thesis, for an amount of 100000/- .
- Dr Maanya V won best paper at the the 21st post graduate convention of Indian society of Pedodontics and Preventive Dentistry (Pedosoch) 2025 from 30th Jan to 1st Feb 2025.
- Dr. Aishwarya received outstanding performance award for hands on training in lab animal research on 6th March 2025
- Dr Roopa N, received best paper award at the virtual 3rd International Conference on the recent trends in Material Science and Devices from 24th to 26th March, 2025

FAREWELL: DR. RASHMI B MANDOKAR



It is with deep appreciation and heartfelt gratitude that we bid farewell to Dr. Rashmi B Mandokar, who has been an integral part of our institution for over a decade. Throughout her time with us, Dr. Rashmi has exemplified unwavering dedication, exceptional expertise, and a compassionate spirit that has touched the lives of students and colleagues. Her contributions have left a lasting impact, and her presence will be deeply missed. As she embarks on a new chapter, we extend our warmest wishes for continued success and fulfilment in all her future endeavours.

WOMEN'S DAY CELEBRATIONS

On the 12th of March the STHREE Speciality Clinic of Department of Periodontology celebrated the International Women's Day. Dr Chitra, Endocrinologist and Ms Aarti Padubidri were the chief guests for the program. On this occasion, teaching faculty Dr Vibha Shetty, Dr Ashwini S and Dr Sivaranjini Gali were honoured for their achievements. Non-teaching faculty Mrs Chandana, Mrs Shailaja, Mrs Naseema, Mrs Sudha, were honoured for their service to the institute.



EXTRACURRICULAR ACTIVITIES

- Congratulations to Dr Vaishali for winning the Gold Medal in staff category for Discus Throw at RUAS Annual Sports Meet.
- Dr. Sandhya Fredaric and Dr. Shreya Sharma from dept. of Pedodontics won first place in Intra University duet singing which was conducted by RUAS on 6th of April.