

# SMILE CHRONICLES

QUARTERLY NEWSLETTER

JAN-MAR 2024



Academics



Outreach



Extra curricular



Alumni



**CELEBRATING  
100 YEARS OF RAMAIAH**



**GLORIOUS YEARS**



**LEADERSHIP AT RUAS**



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## Dean's Message

Dear All,



As we stepped into the first quarter of 2024, I am delighted to extend a warm welcome to all our new faculty. The beginning of a new year is always filled with hope, new aspirations, and a renewed sense of purpose. At the Faculty of Dental Sciences, Ramaiah University of Applied Sciences, we are committed to fostering an environment of academic excellence, innovative research, and compassionate patient care.

This quarter has been particularly eventful and enriching, we hosted a series of workshops and seminars focusing on the latest advancements in dental technology and procedures. These sessions, led by speciality experts and our esteemed faculty members, provided valuable insights and hands-on experience to our students and practitioners alike. Participation in several community outreach programs. Our dental camps providing much-needed dental care to underprivileged communities. These initiatives not only serve to enhance our students' practical skills but also reinforce the importance of empathy and social responsibility in healthcare.

## Dean's Message

As we move forward, we remain committed to our mission of shaping skilled, compassionate dental professionals who will make a positive impact in their communities. I encourage all our students to take full advantage of the resources and opportunities available to them and to strive for excellence in all their endeavors.

I would like to express my heartfelt gratitude to our dedicated faculty, staff, and students for their unwavering commitment and hard work. Together, we will continue to advance the field of dental sciences and uphold the highest standards of education and patient care.

Wishing you all a productive and fulfilling quarter ahead.

Warm regards,

Dr Silju Mathew

Dean

Faculty of Dental Sciences, RUAS



# CONSERVATIVE DENTISTRY AND ENDODONTICS DAY

## EVENTS



Cons-Endo Day was celebrated on 5th March 2024. On this occasion, Photography studio was inaugurated by Dr.Sreenivas Murthy and Dr.Silju Mathew. This was followed by rally by PGs, interns and UGs to raise awareness about Dental Fluorosis. This was conducted in coordination with Department of Public Health Dentistry.

Photography contest was held in which participants took part under UG/PG/Faculty category. Theme was "Aesthetics redefined, Creativity unleashed,". Contest was judged by Dr.Silju Mathew, Dean FDS. Microphotography contest was also held for II and III MDS students of Conservative Dentistry & Endodontics.

On 12th March, a dental Fluorosis treatment camp was conducted. Patients with Fluorosis were referred to the department from Government Hospital, Chikkaballapura District. They were treated by PGs with Vital in-office Bleaching or direct veneers based on the requirements.



# INTERNATIONAL ORAL AND MAXILLOFACIAL SURGEON'S DAY



## EVENTS

On the account of International OMFS Day, Dept of Oral and Maxillofacial Surgery in association with AOMSI conducted “National Trauma Awareness Campaign” from 8th to 13th February 2024. Several activities were organized to mark this day, focusing on road safety awareness. The day began with a road safety awareness campaign which succeeded in delivering key messages about road safety and the prevention of oral and maxillofacial injuries.

Dr. Aruna C Ramesh, Head of the Department of Emergency Medicine and Critical Care, Ramaiah Hospitals, delivered a guest lecture on the topic of basic life support and CPR. The final activity was a skit performed by undergraduate students, highlighting the importance of road safety.

# NATIONAL ORAL PATHOLOGIST'S DAY



## EVENTS

· National Oral Pathologists Day was celebrated on 28th February 2024. On this occasion, a webinar was conducted on the topic “Stereomicroscope and Morphometry – The Wonder Twins!” and the guest speaker was Dr. Saurabh Juneja – Professor & HOD, Dept. of Oral Pathology and Microbiology, Shree Bankey Bihari Dental College & Research Centre, Ghaziabad.

the Department Achievements & Road Ahead was highlighted by Dr. Sowmya, HOD of the department and a lecture on the topic “Implications of Pathologic Diagnosis – Expect the Unexpected” was given by Dr. Dominic Augustine.

An anomaly carving competition was conducted and 1st BDS and 3rd BDS subject toppers of Oral Pathology were felicitated.



# INTERDISCIPLINARY ORTHODONTICS SYMPOSIUM



## EVENTS

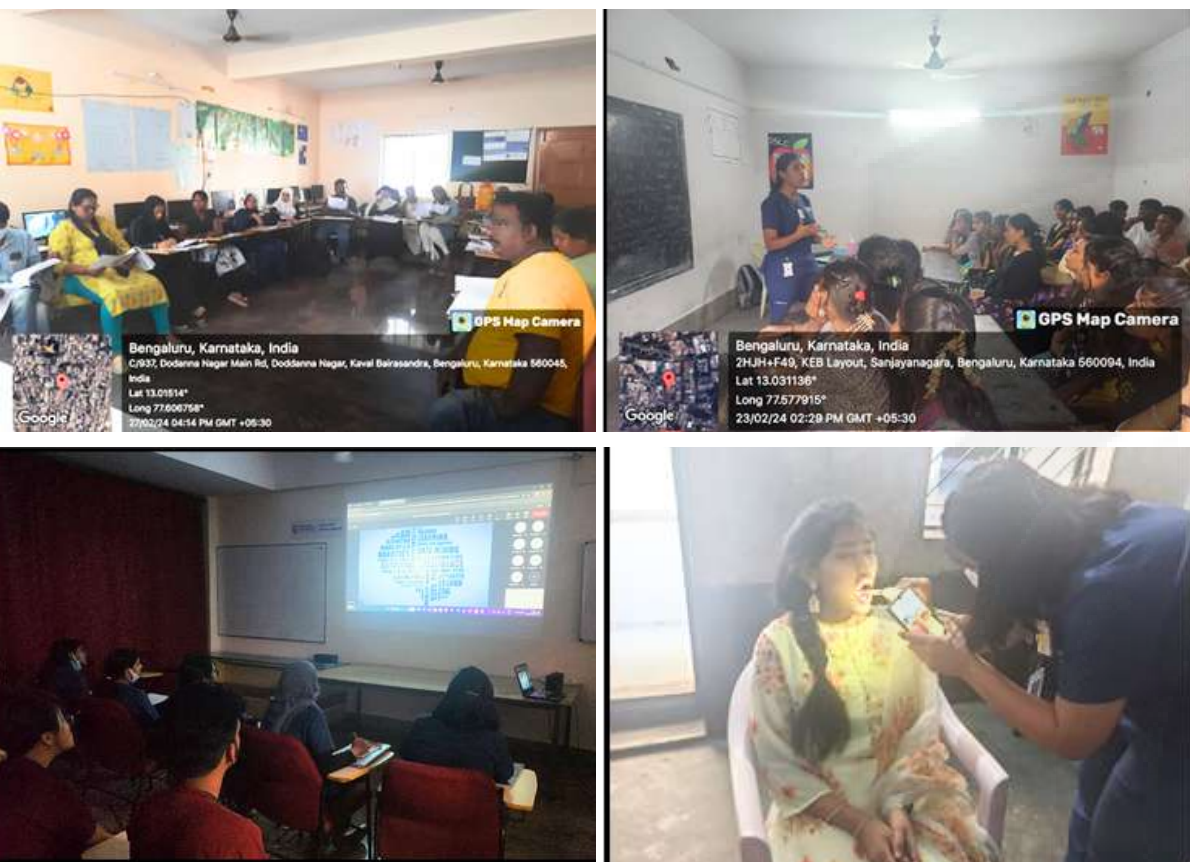
An Interdisciplinary Orthodontics Symposium” on the 24th and 25th of January 2024. The symposium comprised of guest lectures by eminent speakers on various topics like pre-surgical Orthodontics, 3D management of Orthognathic surgery, Surgery first Approach.

Two hands-on Workshops were also held as a part of the symposium - “3D Virtual Orthognathic Surgical Planning” by Dr. Mahendra Perumal and Dr. Arvind Sivakumar; and An Orthognathic Surgical Procedures Demonstration on Cadavers by Dr. K Ranganath.

The symposium was inaugurated by Dr. M.C.Sudhakar in the presence of Hon. Chancellor, Hon Vice Chancellor and Hon Pro Vice Chancellor of RUAS, Dean of FDS and other dignitaries.



# TOBACCO AWARENESS SCHOOL PROGRAM



## EVENTS

A Tobacco awareness school program was conducted as a part of TCC Programs organized by Navajeevana Tobacco Cessation Centre by Dr. Sruthy S at Boston English High School, Bangalore on 26th February 2024 and by Dr.Jagruthi Gopal and Dr Monika SJ Singh at Chiratana High School, Bangalore on 23rd February 2024 followed by dental examination for all the students involved in the program.

A Tobacco Awareness Programme was also conducted by first year postgraduate students Dr Akshatha, Dr Asna under the guidance of Dr Sujatha Reddy, along with Dr Juhi Poshattiwar, postgraduate student of MPH, from Faculty of Life and Allied Health Sciences for community workers of SAMA FOUNDATION RESOURCE CENTRE, Dodanna Nagar, Kaval Bairasandra, Bengaluru on 27th February 2024.

# INTERNATIONAL PROSTHODONTICS DAY

## EVENTS



Prosthodontics day was celebrated in the Dept. of Prosthodontics and Crown & Bridge on 20th February 2024. The day began with Complete Denture insertion program under Dantabhagya scheme for 14 edentulous patients referred from Chikaballapur. This was followed by prize distribution by Dean for the winners for games/activities for the elderly conducted in the past week. Patients were also involved in planting saplings with staff and Dean, symbolizing growth and gratitude.



# EVENTS

## INTERNATIONAL FACULTY VISIT



**Dr. Ramachandra Madattigowda** Consultant OMFS (Head and Neck Microvascular Reconstruction) Northwick Park Hospital, London, United Kingdom, visited the Department of Oral & Maxillofacial Surgery on 13th & 14th of March 2024, interacted with the teaching faculty and MDS students and shared his experience on Head & Neck Oncologic Dissection and Reconstruction, also conducted the surgical Hands-on session on cadavers at the Advanced Learning center of the University.



A lecture was conducted by the department of Prosthodontics on “Digitalization in Implant Dentistry” on 20th February 2024 by Speaker Dr. Arun Prasad, Prosthodontist.



A lecture was organized by the Department of Prosthodontics on “Myths and facts about Basal Implantology” on 22nd February 2024 by Speaker Dr. Rohan Virani, Mumbai.



# EVENTS



**National Science Day 2024 of RUAS at RTC Peenya, on 28/02/24, was attended by faculty and students of FDS and posters regarding their research work was presented.**



**Periodontist's Day was observed on 23/03/2024, where a talk was given by Dr Ashish Nichani on 'The Scope of Periodontics in Dentistry'.**



**A webinar by Dr Kuhu Majumdar was held on "The Future is Now: How AI is shaping Oral Medicine and Radiology " on 15th February 2024.**



**International Women's Day was celebrated by the Department of Periodontology at FDS on 12/03/2024 with Mrs Snehal Rayamane, Ms Anu Chengappa, Mrs Jayasree Ganesan were the chief guests. Senior women faculty of FDS were felicitated on the occasion.**



**A webinar was conducted by the Department of Prosthodontics on 16th March 2024 on Digital dentures workflow & clinical case scenarios. Speaker- Dr Sridevi Kaul, Private Practitioner, DDS, Boston, USA.**

# EVENTS



The newly purchased Mobile Dental Van was inaugurated by our Dean on 18th March 2024, in presence of various Head's of Department and staff. The Van was blessed by invoking God's presence followed by distribution of sweets and eateries to the guest. Later, Chairman and Vice chancellor of RUAS graced the occasion and visited the Dental van.

## HEALTH CHECK UP CAMPS

### Dept. of Public Health Dentistry:

Month	No. Of Camps	Patients Screened	No. Of Patients Treated	No. Of Patients Referred
January	5	425	141	25
February	11	2289	1141	45
March	6	380	121	50

- PGs from the Dept. of Oral and maxillofacial surgery were part of the health camp organized in T Begur – Dr. Ramana Rao's Village Clinic Camp on 21/01/24, 01/02/24 and 24/03/24.
- A Denture camp conducted by the department of Prosthodontics which included a complete denture insertion program under Dantabhagya scheme for 14 edentulous patients referred from Chikaballapur on 20/02/24.

# PUBLICATIONS

- Jaiswal N, Dixit C, Rakesh N, Patri G, Farooqui F, Gautam N.,2024. Maxillary destruction combined with endonasal endoscopic Removal of odontogenic cysts and tumors. Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery,28(01),pp.435-442.
- Nagi, R., Bibra, A., Rakesh, N., Patil, D.J. and Vyas, T., 2024. Artificial intelligence-integrated optical coherence tomography for screening and early detection of oral cancer. General Dentistry, 72(1), pp.46-52.
- Dr Shwetha V and Dr Haripriya P published a book chapter titled” Arid to Awash: A case analysis exploring the therapeutic potential of salivary gland lavage in Sjogren Syndrome” in the book Recent Research in Physical and Chemical Sciences.
- S Gali, Suhasini G, Zulekha P. Methodological approaches in graded dental ceramics. Dental Materials. 2024.
- S Gali, Suresh S. Emerging trends in high-speed micro-machining of dental ceramics through CAD-CAM systems. 2024. 1st edition. Apple Academic Press. Book:Electromicromachining and Micro-Fabrication.
- Dr Mahantesha, Dr Kranti, Dr Greeshma : Comparative analysis of serum titanium levels in patients with healthy dental implants and patients with periimplantitis: A cross sectional prospective study, World Academy of science journal. 2024;6(9).
- Tarini, K.Comparative evaluation of Human Periodontal Osseous Defects Treated with Autogenous Bone Graft and Lyophilised Irradiated Amniotic Membrane : A Clinical and Radiographic study. Journal of Population Therapeutics and Clinical Pharmacology:2024;31(3).
- Shwetha G. Parents attitude towards the use of preventive treatment for tooth decay and its effects on their child's oral health-An Observational Study.International Journal of Medical Science in Clinical Research and Review; 2024.



# PUBLICATIONS

- Ch Balakrishna Manohar, Prashanth R, Naziya Kauser, Pavan shrimant Dorkar, Roshan M Sagarkar, Madhavi Naidu. Treatment of Normal Partially Edentulous and Skeletal Class 3 Partially Edentulous Patients Using Dental Implants and Orthognathic Surgery, Respectively. JCHR 2024; 14(1), 2549-2553.
- Madhavi Naidu, Sharanya Sabrish, Prashantha G Shivamurthy, Roshan M Sagarkar. Antimicrobial Efficacy of Dental Materials Modified with Biosynthesized Silver Nanoparticles: A Review. (2024). Journal of Orofacial Research, 12(3), 30-33.
- Ravi Kiran KR, Sabrish S, Mathew S, Shivamurthy PG, Sagarkar R. Effectiveness of amine fluoride mouthwash in preventing white spot lesions during fixed orthodontic therapy - A randomized control trial. Indian J Dent Res. 2024;34(3):261-265.
- Navya S, Prashantha GS, Sagar S Bhat, Dharma RM, Akshai Shetty. Parameters deciding Orthognathic surgery or camouflage?- A review. International Journal of Dental and Medical Sciences Research: 2024;6(2); 88-94.



# POSTGRADUATE PRESENTATIONS

The postgraduate students of Department of Oral and Maxillofacial Surgery presented posters and papers in the Interdisciplinary Orthodontic Symposium on 23rd January 2024.

## Poster Presentations:

-Dr. Avinash – A Literature review on Airway changes and Prevalence of Obstructive sleep apnea following Orthognathic Surgery- Won 1st Place.

-Dr. Shivani – Evolution of Orthognathic Surgery

-Dr. Shika – Anterior Maxillary distraction and Velopharyngeal insufficiency - Won 2nd Place.

-Dr. Sunidhi – Orthognathic Surgery for mouth breathers

## Paper Presentations:

-Dr. Abilasha – Revolutionizing Lefort I osteotomy.

-Dr. Nityashri – Surgery first Approach in Orthognathic surgery. - Won 3rd Place

-Dr. Surabhi Chandra – Condylar Sag – An Elusive complication of orthognathic surgery. - Won 1st place

-Dr. Amruta – Surgical Vs Non-Surgical Maxillary expansion.

-Dr. Rashmi – Outcomes and Quality of life after Orthognathic Surgery.

-Dr. Ashish – Complications in Orthognathic Surgery : A Systematic Review.

-Dr. Tanmay – Soft tissue Changes associated with orthognathic surgery.

-Dr. Saumya – Cleft Orthognathic Surgery.

-Dr Ummu Salma presented scientific paper titled “Differential Dilemmas: A Comprehensive Case Report” at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024

-Dr Jagruthi Gopal presented scientific paper titled “Exploring Neuropharmacology: unveiling the pyschoactive properties and molecular interactions- an Integrative Research ” at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024- Won 1st Place.

- Dr Monika SJ Singh presented scientific paper titled “Gender Identification via Accessory Canal Location and Measurement: A CBCT Study” at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024- Won 1st Place.

-Dr Asna Azim presented scientific paper titled “Uncharted wonders of the ocean: Molecular docking using marine medicine” at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024

-Dr. Kuntala Mondal, Postgraduate Student, Dept of Oral & Maxillofacial Pathology & Microbiology, presented a paper at the 21st National Triple O Symposium, held from 8th to 10th March 2024, organized by SCB Dental College & Hospital, Cuttack.

# POSTGRADUATE PRESENTATIONS

Post graduates of Department of Periodontology presented posters and papers at the 22nd ISP PG Convention on the 24th of March 2024, in Mumbai.

## Poster Presentation

-Dr MK Akhila: An inquest of antimicrobial property of *Coleus Ambonicus* on the consortium of oral microbiota- Won 1st Place

-Dr Pooja Choudhury: Ligamentous Marvels: Pioneering Tissue engineered Implants and redefining tooth replacement

-Dr Sanjana Hemashree M: Smart Hydrogels: Revolutionizing Periodontal Therapy with Advanced drug delivery systems.

-Dr Elizabeth: Assisted dental implant surgery from periodontal perspective.

-Dr Amrutha Rao : Papilla regeneration with Titanium prepared PRF.

-Dr Soumya N Sajjan: Cross linked Xenogenic collagen matrix: A novel reconstructive soft tissue substitute.

-Dr Ruthvik :Osseodensification: An alternative to conventional osteotomy.

## Paper Presentation

-Dr. Sumanth G IMPLANTS- A Socket Shield Technique.

-Dr Gopireddy Keerthireddy Inverted T shaped free gingival graft for treatment of gingival recession defects.

-Dr Tanya Singh: Revolutionizing Implant Healing: Harnessing the power of oxygen enriched gel.

-Dr Shazia "Comparison between locally delivered Vitamin C with microneedling and hyaluronic acid and in treatment of deficient Interdental papilla."

-Dr Shankadeep "Comparative evaluation of soft tissue: Autogenous v/s Xenogenic collagen matrix around implants."

·3rd year PG Dr.Yshanna De Souza from Dept. of Pedodontics presented a paper= "Assessing the Oral health and Nutritional status (iron levels) among children with and without Anaemia – a Pilot study" in The "11th World Dental Sciences and Oral Health Conference" held on 7th to 9th March 2024 in Meerut. - Won 2nd position.

The postgraduate students of Department of Orthodontics presented posters and papers in the Interdisciplinary Orthodontic Symposium on 23rd January 2024.

-Dr.Ayushi Rc- A Case Of Unilateral Cleft Lip And Palate.

-Dr.Pratiksha Batli- Digital Workflow In Surgical Orthodontics

-Dr.Selvi V - Orthodontic Premaxillary Setback- Question Is Why And When-A Case Report.

-Dr.Vruna Bakhshi- Metanoia Of Surgical Occlusal Splints.



# POSTGRADUATE PRESENTATIONS

The postgraduate students of Department of Orthodontics presented posters and papers in the 27th IOS PG Convention in Navi Mumbai from 7th to 9th February 2024.

-Dr. Adarsh A Acharya- Pyramid Of Orthodontic-Periodontal Planning

-Dr. Deepthi D- Platelet Concentrates In Accelerated Orthodontics.

-Dr. Harsha R S- Elastodynamic V Slot Bracket System.

-Dr. Nandini Singh- Comparison Of PA Ceph With CBCT To Determine IZC Bone Screw Position- A Cross-Sectional Study

-Dr. Rajpriya- Evaluation Of Condylar Volume And Surface Area In Subjects With Skeletal Class 1 And Skeletal Open Bite Using CBCT – A Retrospective Study.

-Dr. Ayushi Rc- Evaluation Of Mandibular Buccal Shelf Bone Characteristics In Hypodivergent And Hyperdivergent Patients: A CBCT Study.

Dr. Pratiksha Batli- Effectiveness Of An Intraoral Photobiomodulator For Acceleration Of Tooth Movement.

-Dr. Selvi V- Shape Memory Polymers- An Intelligent Polymer

-Dr. Thejas P - 3D Evaluation Of Dentoalveolar Transverse Width And Buccal Alveolar Bone Dimension Changes In Patients Treated With Damon Q Passive Self Ligating System- A CBCT Study

-Dr. Vruna Bakhshi- Three-Dimensional Comparison And Assessment Of Infrazygomatic Crest Thickness In Different Facial Patterns And Periodontitis Cases- A CBCT Study.



# STAFF PRESENTATIONS/PROGRAMS ATTENDED/GUEST LECTURES

-Dr Shwetha G from presented in the 3rd World Dental and Facial Aesthetics Conference and secured 2nd position on the title, "Assessment of Puerpuras Oral Health Knowledge for the Prevention of Early Childhood Caries in Children: An interventional Study".

-Dr Haripriya P secured sessional second best paper presentation on the title "A Beam to Gleam and Redeem " at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024.

-Dr N Rakesh from presented case presentation titled "A Case of Ranula – Simple Extravasation Phenomenon" at 21st National OOO Symposium 2024 (IAOMR) hosted by SCB Dental College and Hospital, Cuttack on 8th, 9th & 10th March 2024, and was also invited as for panel discussion on "Diagnostic and Management Challenges in Oral and Maxillofacial Pathologies."

-Dr Bhavya attended International webinar on Unlocking the Potential: AI in Dental Education conducted by Health Professions Educations Unit, FDS, RUAS on 7th March 2024.

--Dr Mahantesha gave a guest lecture on Basic implantology at AJ Shetty Dental college, Mangalore on 4th march 2024

•Dr Rajanikanth from Dept of Oral & Maxillofacial Surgery was invited as a speaker on a CME conducted by Dr. Moopen's Medical College "Faciomaxillary Pain – An Enigma".

-Dr. K Ranganath, Professor, Department of Oral & Maxillofacial Surgery, was invited as Chairperson and Guest Faculty, for AO CMF International Foundation, Advanced seminar on Oral Oncology, held on 15th & 16th March 2024 at Bhagwan Mahaveer Jain Hospital, Bangalore.

-Dr. Prashanth from Dept. of Orthodontics was invited as a guest speaker to the 3rd National Symposium on Invisible Orthodontics and gave a talk on the topic "Components of Aligner System-Clinical Perspective" on 16th March 2024.

-Dr Harshitha Gowda BH attended one day workshop on Pioneering Excellence: Unraveling the Latest in chromatography and Lab Drying Techniques organized by Faculty of Pharmacy, RUAS.

-Dr Bhavya Attended workshop on Pioneering Excellence: Unravelling the Latest in Chromatography and Lab drying Techniques conducted by Department of Pharmaceutical chemistry on 7th March 2024

-Dr Mahantesha gave a Guest lecture with hands on course in Government Dental College, Bengaluru on 15& 17th march 2024.

# ACHIEVEMENTS BY FACULTY

- Dr Pushpalatha C and Dr Deveswaran R was awarded the patent for the invention titled "Method and composition to improve antibacterial activity and surface microhardness of root canal" from FDS and FPH ( Patent No; 498877 on 12 12th January 2024 from the Indian Patent Office.
- Dr Shwetha V received patent for "Device and Apparatus for Non Invasive Oral Cancer Screening" on 13/03/2024 by Government of India.
- Dr Sujatha S received patent for "Device for Relieving Temporomandibular Joint Pain" on 04/01/2024 by Government of India.
- Dr Pavan Kumar T, Dr Sujatha S and Dr N Rakesh received patent for " "Oral X-ray Film Holder for Easy Determination of Working Length in Endodontics" on 15/03/2024 by Government of India.
- Dr. Vineeth Kumar and Dr. Kavita Prasad have been granted Indian Patent for their invention titled "A UNIFIED POWER DRIVEN MEDICAL SCREW FASTENER FOR FIXATION OF BONE FRACTURES "
- Dr Kranti inaugurated the ISP colloquim at GDC, Bangalore.
- Dr Ashwini S gave a talk on at the International Women's Day celebration of Ramaiah Medical College on 'The unexplored nexus of oral and systemic health' on \*th March 2024.

