



# International Yoga Day

**21<sup>st</sup>**  
**JUNE**



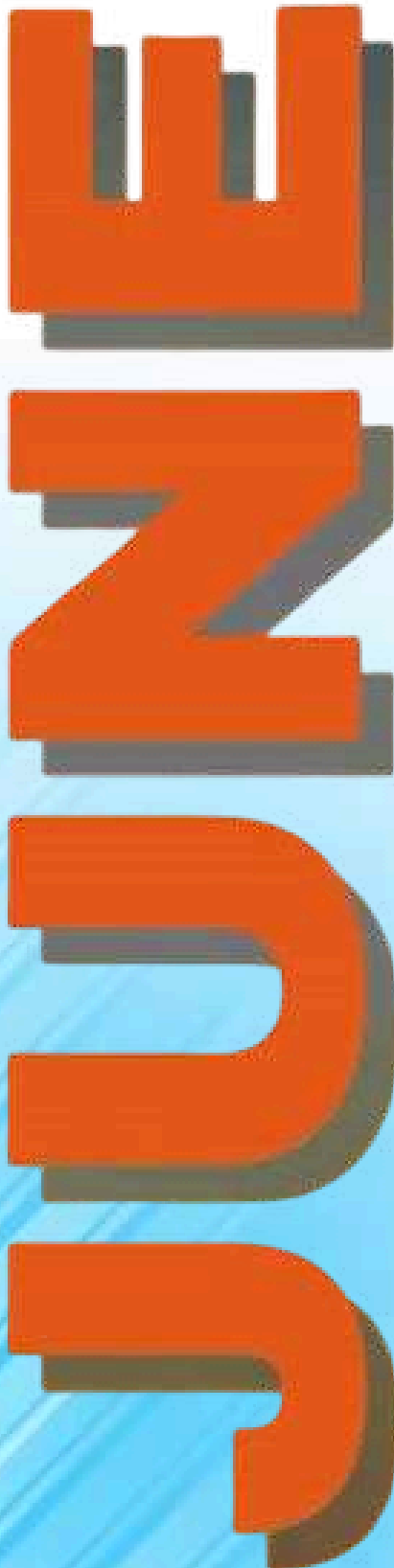
*Let's Celebrate*  
**Healthy living Everyday**

**Sun's out  
Smileout loud..**

**Hello  
Summer**



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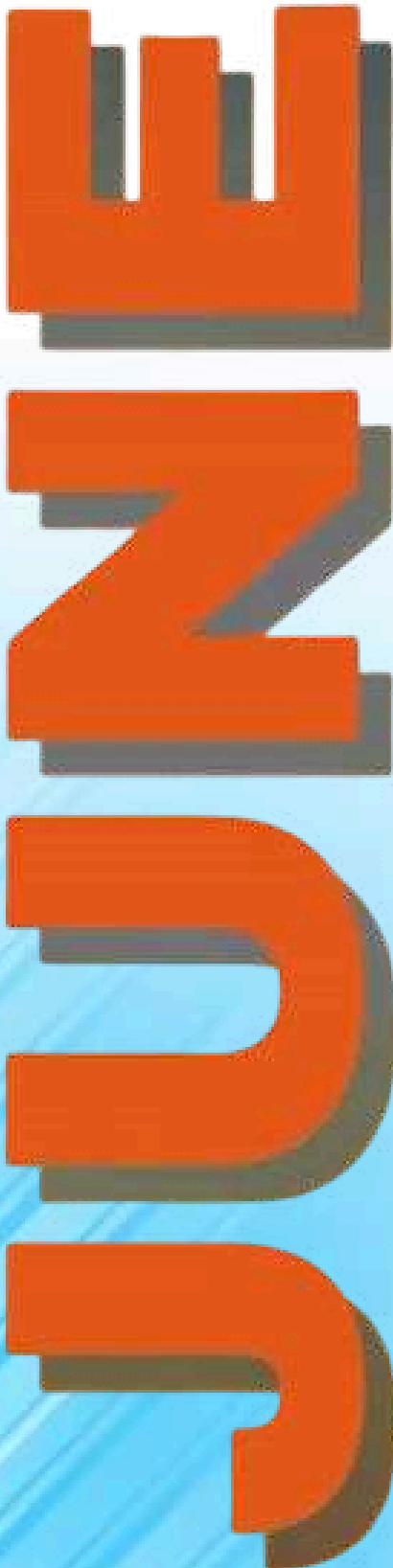
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Orthodontics**

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Kolkata

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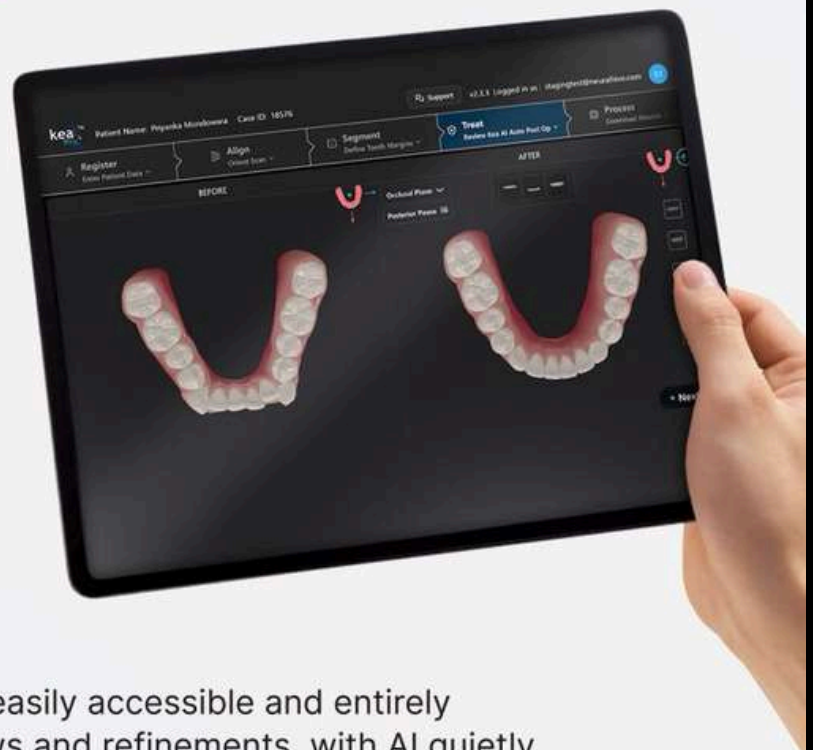
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# President's Message



Respected seniors, colleagues, and friends,

“And since all this loveliness cannot be Heaven, I know in my heart it is June.” — Abba Louisa Goold Woolson.

After a hectic and sweltering May, June has brought a welcome sense of respite. For the IOS as well, the month has been relatively quieter, yet it has offered several small but meaningful joys and achievements.

**The Scopus rankings**, released every June, have given us a special reason to celebrate: the Journal of Contemporary Orthodontics has moved from Q4 to Q3. This is an important milestone in the journal's journey and a clear indication of its positive growth trajectory. Congratulations to the current editor, Dr. Pritam Mohanty, and his team, as well as to the previous editors whose dedicated contributions have helped shape the journal's progress.

### **Programmes, Conventions, and International Exchange**

The Zonal PG Convention, **Orthonova**, was held at BVP Navi Mumbai from 11th to 13th June. Heartiest congratulations to the organizers and all the resource persons for making the programme a resounding success.

Our online academic activities during the month included the IOS Global Connect series, the National Journal Club, and the Practice Management Lecture Series. June also marked the first IOS International Observership Programme in Thailand. The IOS members who participated returned enriched by the academic exchange and the gracious hospitality extended by the hosts, notably led by Dr. Somchai Satrawaha.

### **Celebrating Member Achievements**

It is also a proud moment for the IOS that orthodontist Dr. Balakrishnan Jayan has assumed charge of the Army Dental Corps as Director General Dental Services, with the baton passed on by Gen. Vineet Sharma.

Several of our members travelled to the EOS in Dublin, while many others continue to excel across diverse professional spheres. Their noteworthy achievements are chronicled in this issue of the IOS Times. We are especially proud that Dr. N. R. Krishnaswamy, Past President of the IOS and Past Chairman of the IBO, has been granted membership of the prestigious EBO. This issue of the IOS Times also begins documenting our members' contributions to high-ranking global literature and as always we take pride in their academic growth, and their achievements in various spheres beyond orthodontics.

We urge all our members to register for the 60th IOC, to be held at the prestigious Bharat Mandapam, Delhi. It promises to be a wonderful opportunity to reconnect with friends and stay updated on the latest developments in orthodontics.

Jai Hind, Jai IOS!

**Warm Regards**

**Sridevi Padmanabhan**

**IOS President**

**[president@iosweb.net](mailto:president@iosweb.net)**



# Secretary's Message

Dear Members,

Greetings from the Indian Orthodontic Society.

June was marked by significant academic activity and strong participation from orthodontists, faculty, and postgraduate students nationwide. It is heartening to observe our members' continued commitment to academic excellence, professional development, and the advancement of our specialty.

A highlight this month was the successful Zonal Postgraduate Convention 2026 at Bharati Vidyapeeth Dental College and Hospital. The convention provided an excellent forum for postgraduate students to present scientific work, exchange ideas, and engage in constructive academic discussion. The high standard of presentations, research papers, and clinical case discussions reflects the continued growth of our postgraduate community. I congratulate the organizing committee, faculty, and participants for a memorable and successful event.

The Society remains committed to supporting academic programs, webinars, study group activities, and continuing-education initiatives across regions. These programs enhance clinical skills, broaden knowledge, and strengthen professional ties within the orthodontic fraternity.

I encourage all members—particularly young orthodontists and postgraduate students—to participate actively in IOS activities and to contribute to research, innovation, and academic excellence. Together we can raise the standards of orthodontic education and patient care in India.

I extend my sincere appreciation to the office bearers, executive committee members, study groups, and volunteers whose dedication sustains the Society's work.

Wishing all members good health, professional success, and continued enthusiasm for learning.

**Warm Regards**

**Dr. Shubhaker Rao Juvvadi**

**Hon. Secretary**

# Editor's Message



When I first took on the responsibility of serving as Editor of the e-newsletter, I wasn't quite sure what to expect. However, I soon found myself enjoying the process of reading submissions, making edits, and helping shape each piece for publication. It quickly became clear to me that editing is a field where I truly belong.

I have often been a meticulous editor, but my priority has always been to ensure that every section reaches its fullest potential before publication. After navigating a few learning curves, I came to genuinely enjoy uploading the readings and found the process surprisingly cathartic. It is always exciting to see everyone's work showcased on the website, where it shines so beautifully.

This year, I introduced discussions around each submission, encouraging editors to share their perspectives and concerns before making decisions. This ensured that the fate of any piece was not determined by a single editor alone. I greatly appreciated this collaborative approach, as it gave me confidence that every submission—whether related to beyond orthodontics or public awareness—was evaluated fairly and thoughtfully.

This experience has been as much about learning as it has been about leadership. I am deeply grateful to my team for their support, dedication, and commitment to making this newsletter the best it can be. I would also like to thank President Dr. Sridevi Padmanabhan for her valuable guidance and for keeping us all so organized. My sincere appreciation goes to our designer as well, whose beautiful graphics added so much to every issue.

I am thankful for this opportunity and look forward to contributing even more effectively to future issues.

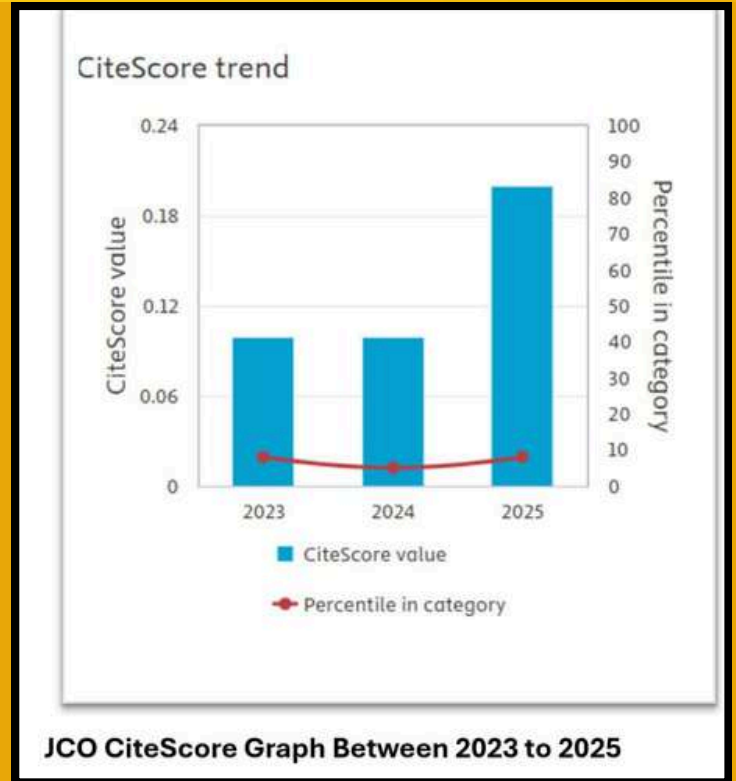
"If you want to change the world, pick up your pen and write." — Martin Luther

**Warm Regards**  
**Dr. Swati Acharya**  
**Editor IOS Times**

**Editorial Office:**  
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**Dental & Orthodontic Centre,**  
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# BREAKING NEWS



We are delighted to share that Journal of Contemporary Orthodontics has attained a Q3 ranking in the Orthodontics with an SJR 2025 of 0.14 marking an important milestone in its journey toward greater scientific influence and indexing excellence. It has demonstrated a positive growth trajectory, with its CiteScore increasing from 0.10 in 2023 and 2024 to 0.20 in 2025, reflecting enhanced visibility, citation impact, and recognition within the global orthodontic research landscape.

**BREAKING NEWS**


**Indian Orthodontic Society is pleased to inform members that PrishaPolicy has been appointed as the Official Insurance Partner for Professional Indemnity Insurance.**

**Protecting the Professionals Who Create Smiles**


**\*Professional Indemnity Insurance for IOS Members\***

**BREAKING NEWS**

**LIVE**




Indian Orthodontic Society,  
Member Benefit Committee  
*Presents*



**Protecting the Professionals Who Create Smiles** 😊

Professional Indemnity Insurance for IOS Members

Indian Orthodontic Society is pleased to inform members that PrishaPolicy has once again been appointed as the **Official Insurance Partner** for Professional Indemnity Insurance.



**PrishaPolicy**

Annual Premium for IOS Members									
Sum Insured	20 Lac	30 Lac	50 Lac	75 Lac	1 Cr	2 Cr	3 Cr	4 Cr	5 Cr
Premium (Incl. GST)	₹751	₹875	₹1,255	₹1,883	₹2,507	₹5,014	₹7,471	₹9,962	₹12,451

**Important Note for Members**  
Members with an existing indemnity policy can also register under this scheme. Their existing retroactive date may be transferred to the new policy by providing a copy of the current running policy.

**For Registration & Assistance Contact**

**Dr Sridevi Padmanabhan**  
President  
**Dr Shubhaker Rao Juvvadi**  
Hon. Secretary  
**Dr Surya Kanta Das**  
Advisor, MBP committee

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☎ 8191005566

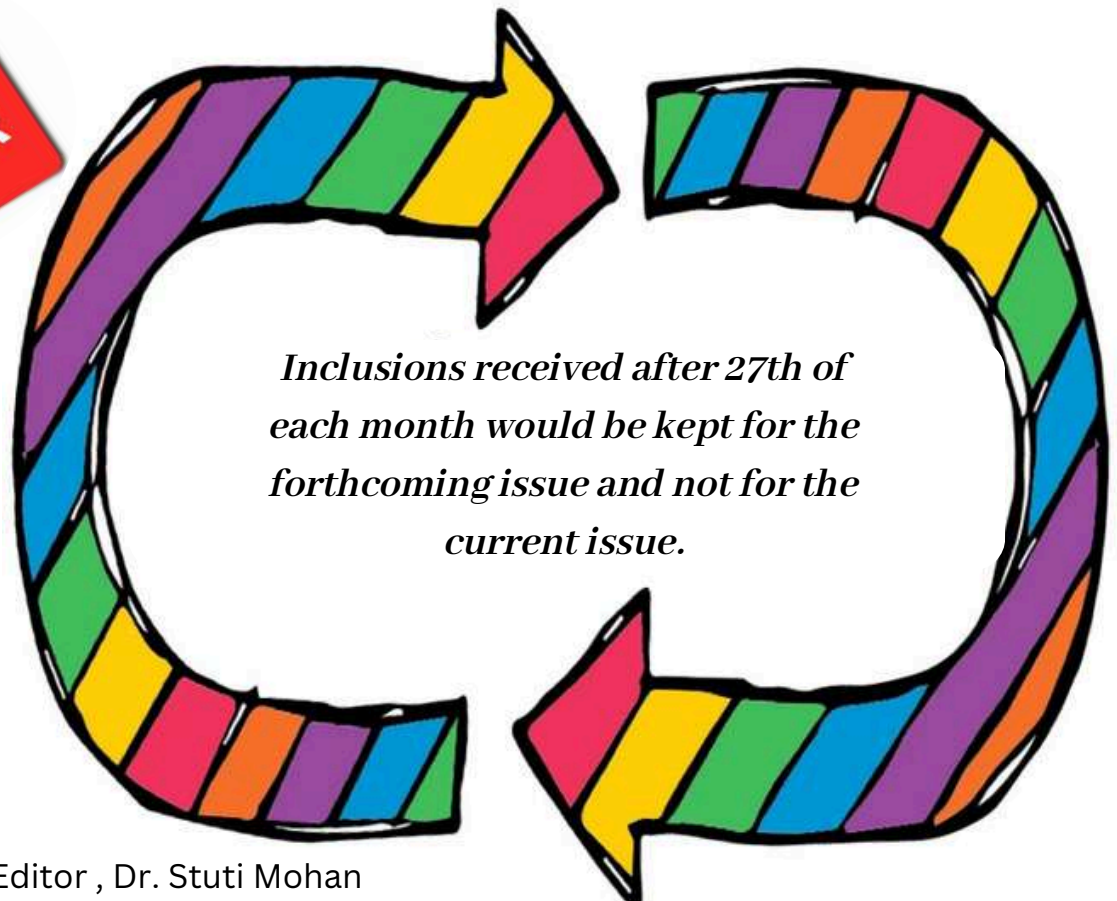
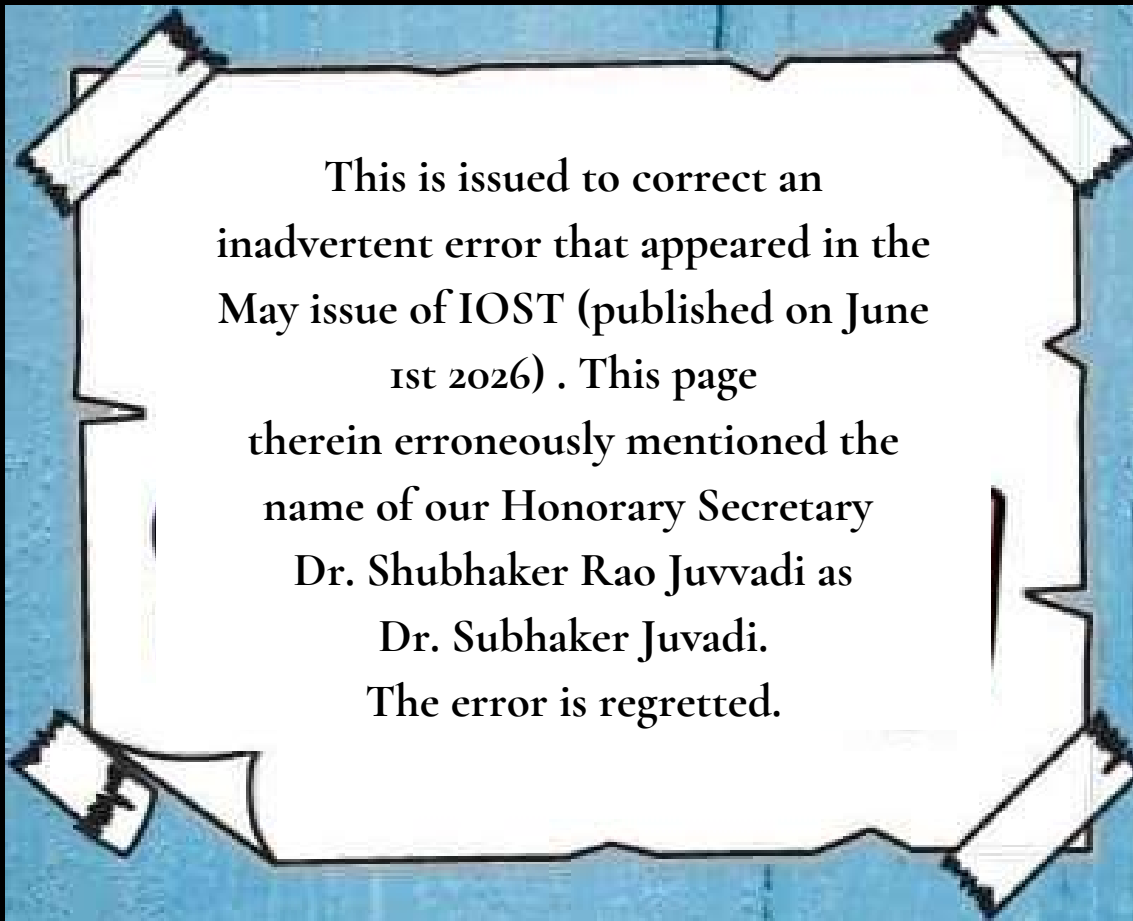
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Committee Contacts

# Corrigendum



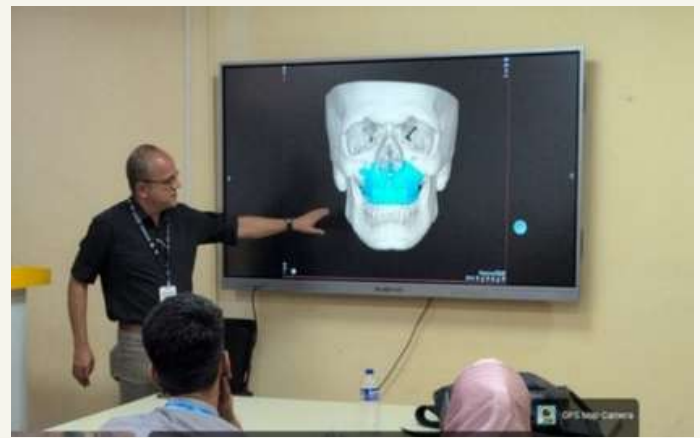
# ORTHONOVA IOS ZONAL PG CONVENTION

**Bharati Vidyapeeth (Deemed to be University)  
Dental College and Hospital, Navi Mumbai.**

Hosted by Bharati Vidyapeeth (Deemed to be University) Dental College and Hospital, Navi Mumbai, the Zonal PG Convention (West Zone) – ORTHONOVA 2026 was conducted from 11–13 June 2026 under the theme “Expanding the Envelope with Precision and Progress.” The convention brought together postgraduate students, academicians, clinicians and leaders in orthodontics for three days of scientific exchange, skill development and professional engagement.

The event commenced with pre-convention courses on 11 June 2026. Dr. Nehal Patel and Dr. Parit Ladani conducted hands-on course on Virtual Surgical Planning in Orthognathic Surgery and introduced participants to digital workflows, 3D planning concepts, CAD-CAM applications and clinical integration. Dr. Anand Ambekar and Dr. Sheetal Patani conducted hands-on course on Contemporary Edgewise and Segmental Arch Mechanics provided practical insights into biomechanics, anchorage control and clinical execution of segmental mechanics.

## PRECONVENTION COURSES



The formal inauguration was held on 12 June 2026 and included ceremonial proceedings, The inaugural ceremony commenced with the gracious welcome and invitation of the dignitaries onto the dais. The esteemed dignitaries included Dr. Sridevi Padmanabhan, President, Indian Orthodontic Society (IOS); Dr. Shubhaker Rao Juvvadi, Honorary Secretary, IOS; Dr. Vilasrao Kadam, Regional Director; Dr. Satheesh Kumar Reddy, Chief Guest; Dr. Srinivasan, Principal, Bharati Vidyapeeth (Deemed to be University) Dental College and Hospital; Dr. Sarvraj Kohli, Vice President, IOS; Dr. Parag Gangurde, Organizing Chairman; Dr. Harsh Ashok Mishra, Organizing Secretary; and Dr. Alok Ranjan Singh, Scientific Chairman.

The ceremony began with the garlanding of the portrait of the Founder Chancellor, Hon. Late Dr. Patangrao Kadam Saheb, as a mark of respect and remembrance for his visionary leadership and invaluable contribution to education.

This was followed by the traditional lamp lighting ceremony, symbolizing the pursuit of knowledge and enlightenment. The gathering then stood in reverence for the rendition of the Bharati Song, reflecting the institution's ethos and values.

## INAUGURATION CEREMONY



Subsequently, the dignitaries, office bearers of the Indian Orthodontic Society, and members of the Organizing Committee were felicitated in recognition of their contributions and dedicated efforts toward the successful conduct of the convention.

Addressing the audience, Dr. Parag Gangurde, Organizing Chairman, welcomed all delegates and highlighted the vision, objectives, and significance of the convention. This was followed by the address of Dr. Srinivasan, Principal, who extended his best wishes and emphasized the institution's commitment to academic excellence and professional growth.

The presidential address was then delivered by Dr. Sridevi Padmanabhan, President, IOS and Guest of Honour who inspired the delegates by sharing the society's future direction and encouraging active participation in academic and professional initiatives. During the ceremony, IOS shawls and official pins were presented to the Organizing Committee as a token of appreciation and recognition by President of IOS and Dr. Shubhaker Rao Juvvadi, Hon. Secretary IOS.



### DAY 1 (12th June) – LECTURES BY GUEST SPEAKERS



The gathering was further enriched by the keynote address of the Chief Guest, Dr. Satheesh Kumar Reddy, who shared valuable insights and motivating perspectives for the orthodontic fraternity.

The inaugural session concluded with the Vote of Thanks delivered by Dr. Harsh Ashok Mishra, Organizing Secretary, expressing sincere gratitude to all dignitaries, delegates, faculty members, participants, sponsors, and organizing teams for their support and contribution.

Following the successful completion of the inaugural proceedings, the scientific sessions commenced, marking the beginning of an engaging and academically enriching convention. welcome addresses and recognition of distinguished guests. The convention reflected the academic and institutional vision of Bharati Vidyapeeth and the Indian Orthodontic Society in creating an inclusive and future-oriented learning environment.



Across two scientific days, delegates attended lectures delivered by eminent speakers covering contemporary orthodontics, clinical decision-making, innovation, digital workflows and postgraduate education. Interactive sessions and panel discussions encouraged evidence-based thinking and interdisciplinary dialogue.

A major highlight of ORTHONOVA 2026 was the active participation of postgraduate students through paper presentations, table clinics and poster presentations in research, clinical and clinical innovation categories. The platform enabled young orthodontists to showcase their work and engage with peer and faculty feedback.

The convention also served as an opportunity to strengthen academic networks and reinforce the role of postgraduate conventions in nurturing leadership and scientific curiosity within the specialty.

Successful execution of ORTHONOVA 2026 was made possible through the efforts of the organising committee led by Organizing Chairman Dr. Parag Gangurde, Organizing Secretary Dr. Harsh Mishra, Scientific Chairman Dr. Alok Ranjan and administrative teams, faculty members, student volunteers and institutional leadership.



ORTHONOVA 2026 concluded on a high note with renewed enthusiasm toward advancing orthodontic education, precision-driven clinical practice and collaborative academic growth

#### Pre-Convention Courses

The scientific activities commenced with focused hands-on pre-convention programs. Participants engaged in Virtual Surgical Planning in Orthognathic Surgery and Contemporary Edgewise and Segmental Arch Mechanics, highlighting digital workflows, biomechanics, CAD-CAM concepts and practical clinical application.

## GALA NIGHT

## PANEL DISCUSSION



### Scientific Programme – Day 1

Sessions explored surgery-first orthodontics, functional therapy, jaw orthopaedics, canine impaction, biomechanics, aligner sustainability, innovation in postgraduate education, airway-focused orthodontics and extra-alveolar anchorage. The day concluded with an engaging panel discussion featuring senior faculty and moderated interaction.

### Scientific Programme – Day 2

The second day focused on digital cleft care integration, orthognathic preparation, biomechanics, advances in aligner therapy, MARPE, TMJ management, skeletal anchorage and complex case management, reflecting the breadth of contemporary orthodontic practice.



## DAY 2 (13th June) – LECTURES BY GUEST SPEAKERS



### Student Scientific Activities

The convention promoted active postgraduate engagement through paper presentations, table clinics and poster presentations across research, clinical and innovation domains.

### Conclusion

ORTHONOVA 2026 concluded with enthusiastic participation and reinforced the role of postgraduate conventions in promoting innovation, evidence-based orthodontics and future-ready professional development.



Reported by Dr. Harsh Mishra and Associate Editor, Dr. Shantanu Khattri



# REPORT ON NATIONAL JOURNAL CLUB

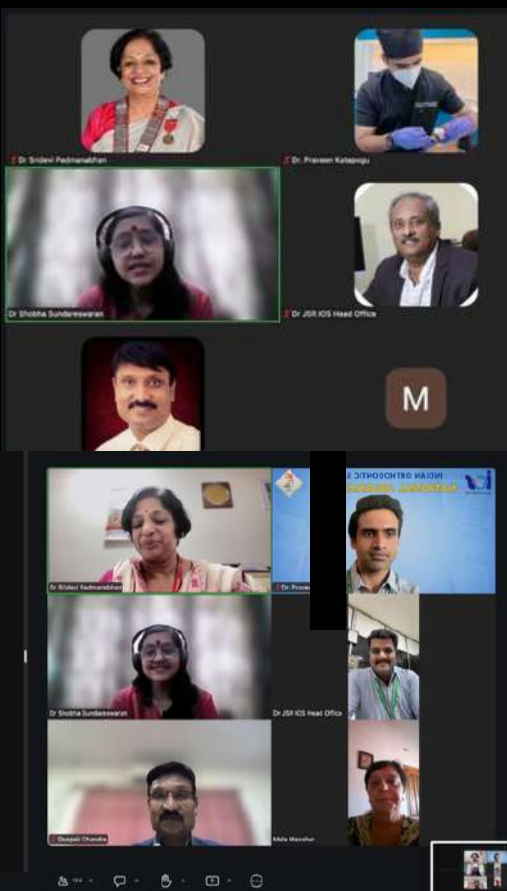
The Indian Orthodontic Society successfully conducted the National Journal Club on 04 June 2026 at 9:30 AM IST through an online platform. The academic session witnessed the enthusiastic participation of more than 200 postgraduate students, faculty members, and orthodontic practitioners from various institutions across the country. The program served as an excellent platform for academic interaction and evidence-based discussion in the field of Orthodontics.

The scientific session focused on the article titled “A Systematic Diagnostic Scheme for Excessive Gingival Display – Gummy Smile” published in the AJO-DO Clinical Companion (Volume 2, Issue 4, August 2022, Pages 335–343). The session emphasized the importance of systematic diagnosis and interdisciplinary treatment planning for patients with excessive gingival display, thereby enhancing the clinical understanding of postgraduate students and young clinicians.

The keynote speaker for the session was Dr. Shobha Sundareswaran, Professor, Department of Orthodontics, KMCT Dental College, Mukkam, Calicut. Dr. Shobha Sundareswaran is a distinguished academician, researcher, and clinician with over four decades of teaching experience in Orthodontics. A gold medalist and rank holder from Government Dental College, Thiruvananthapuram, she has made significant contributions to orthodontic education, research, and scientific publications. During the session, she delivered an insightful and comprehensive presentation highlighting the diagnostic considerations, etiological factors, and treatment strategies related to gummy smile management. Her evidence-based approach and extensive clinical experience made the session highly informative and academically enriching for the attendees.

The session was effectively moderated by Dr. Deepak Chandrasekharan, National Journal Club Coordinator and Professor & Head, Department of Orthodontics, SRM Kattankulathur Dental College and Hospital, Chennai. Dr. Deepak Chandrasekharan ensured smooth coordination of the program and facilitated an engaging academic discussion throughout the session. His interactive moderation encouraged active participation from postgraduate students and promoted critical appraisal of the scientific literature presented during the journal club.

The National Journal Club concluded successfully with active interaction, thoughtful discussions, and positive feedback from the participants. The program significantly contributed to the academic advancement of postgraduate students by strengthening their knowledge in diagnosis, treatment planning, and evidence-based orthodontic practice.



**ios** INDIAN ORTHODONTIC SOCIETY

**NATIONAL JOURNAL CLUB**

A systematic diagnostic scheme for excessive gingival display  
 “gummy smile” (AJO-DO Clinical Companion, Volume 2, Issue 4, August 2022, Pages 335-343)

Scan here to view the article

**DATE & TIME**  
 04 June, 2026  
 09 : 30 AM IST

**AJO-DO**  
 Journal of Indian Orthodontics & Orthodontic Clinicians

SPEAKER	MODERATOR
 <b>Dr. Shobha Sundareswaran</b> Professor, Department of Orthodontics KMCT Dental College, Mukkam, Calicut.	 <b>Dr. Deepak Chandrasekharan</b> National Journal Club Coordinator, Professor & Head of Orthodontics SRM Kattankulathur Dental College, Chennai.



# IOS Global Connect Series 2026

The 3rd Webinar of the Global Dialogues IOS Connect Series 2026, organized by the Academic Council of the Indian Orthodontic Society (IOS), was successfully conducted with enthusiastic participation from orthodontic professionals, academicians, and postgraduate students from across the country.

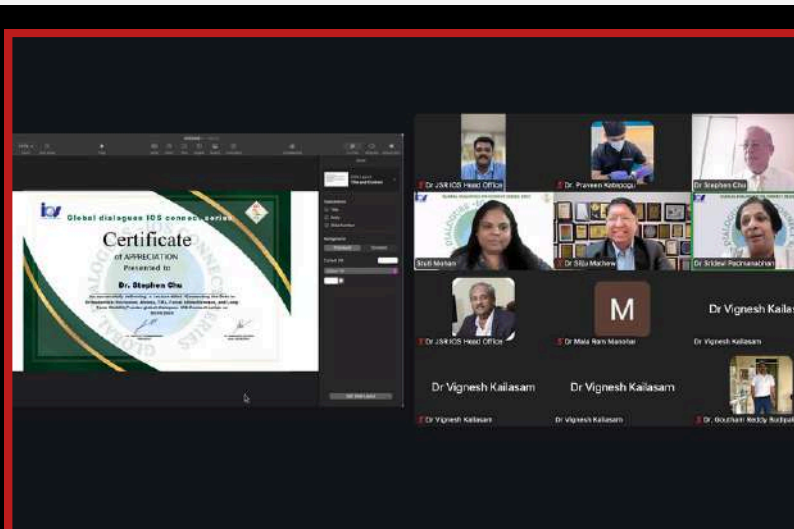
The webinar featured renowned international speaker Dr. Stephen Chu, who delivered an insightful lecture on the topic: "Connecting the Dots in Orthodontics: Occlusion, Airway, TMJ, Facial Attractiveness, and Long-Term Stability."

The session was expertly moderated by Dr. Silju Mathew, Professor and Head of Department, RUAS, who facilitated an engaging and interactive discussion throughout the webinar.

In his presentation, Dr. Stephen Chu emphasized the importance of adopting a comprehensive and interdisciplinary approach to orthodontic diagnosis and treatment planning. He elaborated on the intricate relationship between occlusion, airway health, temporomandibular joint (TMJ) function, facial aesthetics, and long-term treatment stability. Through evidence-based concepts and clinical examples, he highlighted how orthodontists can integrate these critical factors to achieve functional, esthetic, and stable treatment outcomes.



As a token of appreciation for his valuable contribution, the speaker, Dr. Stephen Chu, was felicitated by the President of IOS, Dr. Sridevi Padmanabhan. The moderator, Dr. Silju Mathew, was felicitated by the Honorary Secretary of IOS, Dr. Shubhaker Rao Juvvadi.

The webinar concluded on a high note, reaffirming the commitment of the IOS Academic Council to provide high-quality academic programs and foster global knowledge exchange within the orthodontic community. The session was highly appreciated by all participants and served as an excellent platform for learning and professional development.



**GLOBAL DIALOGUES IOS CONNECT SERIES 2026**

**Title - Connecting the Dots in Orthodontics: Occlusion, Airway, TMJ, Facial Attractiveness, and Long-Term Stability**

<b>Speaker</b>	<b>About the Speaker</b>	Date :05.06.2026; 10:00
	<p><b>Dr. Stephen Chu</b></p> <ul style="list-style-type: none"> <li>• Former Associate Clinical Professor, Department of Orthodontics, Baylor College of Dentistry, Dallas, Texas, USA</li> <li>• Board-Certified Orthodontist (ABO Diplomate)</li> <li>• Private Practice in Orthodontics, Dallas, Texas, USA</li> <li>• Fellow, Charles H. Tweed International Foundation</li> <li>• Former Tweed Course Instructor</li> <li>• Repeated participant and instructor in Tweed biomechanics education programs in the United States and internationally</li> </ul>	
<b>Moderator</b>	<p>He obtained his Master's Degree in Orthodontics and Dentofacial Orthopedics with distinction from Mangalore University. He joined M. S. Ramaiah Dental College in 1995 and has dedicated over 31 years to the institution. During his illustrious career, he has held several key leadership positions, including Professor &amp; Head of the Department of Orthodontics, Associate Dean, Academic Registrar, and Dean &amp; Principal. He served as President of the Indian Orthodontic Society (2019-2021). His international engagements include serving as Ambassador to the American Association of Orthodontists and Council Member of the World Federation of Orthodontists</p>	
	<p><b>Dr. Sridevi Padmanabhan</b> President IOS</p> <p><b>Dr. Shubhaker Juvvadi</b> Hon. Secretary IOS</p>	
<b>Dr. Silju Mathew</b>	<p><a href="https://zoom.us/j/95143626479?pwd=YCGGcWwGtcJEgKweph7wTK09yJlpl.1">https://zoom.us/j/95143626479?pwd=YCGGcWwGtcJEgKweph7wTK09yJlpl.1</a></p> <p>Passcode: 655492</p>	
or Queries Contact : IOS Academic Council	Dr. Deenadayalan- Chairman, IOS Academic Council - +91 98408 95100; Dr. Stuti Mohan -Co-Chairman, IOS Academic Council - +91 844	

# Indian Orthodontic Society at EOS 2026, Dublin, Ireland

The Indian Orthodontic Society (IOS) proudly congratulates Dr. Badri Thiruvengatchari, Dr. Sanjeev Verma, and Dr. Raj Kumar Verma for representing India at the 101st Congress of the European Orthodontic Society (EOS 2026) held in Dublin, Ireland, from 7–11 June 2026.

Dr. Badri Thiruvengatchari: Oral Presentation

"Reducing the Burden of Orthodontic Care for Children with Clefts: Evaluating the Effectiveness of Pre-Alveolar Bone Graft Orthodontics in Patients with Unilateral Non-Syndromic Cleft Alveolus (PABO Study)". This funded research project highlighted the role of pre-graft orthodontics in improving treatment outcomes and reducing the overall burden of care in children with cleft conditions.



🎤 **Dr. Sanjeev Verma: Poster Presentation**

"Assessment of 3D Morphological Alterations in the Maxillary Arch and Pharyngeal Airway after Anterior Maxillary Distraction in Individuals with Unilateral Cleft Lip and Palate" His research explored the effects of anterior maxillary distraction on maxillary arch morphology and airway dimensions, contributing valuable evidence toward the management of cleft patients.

🎤 **Dr. Raj Kumar Verma: Oral Paper Presentation**

"Orthodontically Induced Apical Root Resorption in Maxillary Incisors with a History of Trauma" His presentation addressed a clinically significant aspect of orthodontic treatment planning, emphasizing risk assessment and management in previously traumatized teeth.

The Indian Orthodontic Society takes immense pride in these distinguished academicians for their exemplary representation of Indian orthodontics on the global stage. Their work reflects scientific excellence, innovation, and a commitment to advancing patient care through research.

Congratulations on this remarkable achievement and for making India proud at EOS 2026! 🇮🇳 ✨



Reported by Section Editor , Dr. Harneet Kaur

# IOS INTERNATIONAL OBSERVERSHIP PROGRAM- THAILAND (2026)

The Indian Orthodontic Society (IOS) successfully organized an International Exchange Observership Program to Thailand from June 15 to June 18, 2026. Under the esteemed tutelage of Prof. Dr. Somchai Satravaha, a delegation consisting of seven selected life members from the IOS participated in this highly enriching academic and clinical exchange. The primary objective of this program was to strengthen international academic collaboration, observe cutting-edge protocols in contemporary orthodontics and craniofacial care, and foster a sustainable partnership between the Indian and Thai orthodontic societies.

*IOS delegation members: Dr. Poornima Raghuraman, Dr. Soumya S.V., Dr. Christos Georg, Dr. Deepankar Bhatnagar, Dr. Cibi Vishnu Elavasaru, Dr. Dibyendu Dam, Dr. Rohit Chopra*

## **Day 1: Academic Exchange at Walailak University**

The program commenced at the International College of Dentistry, Walailak University (WUICD), where the IOS delegation received a warm reception from the Deputy Dean, Dr. Prajak Jariyapongpaiboon, and the university faculty.

- **Curriculum Insight:** Dr. Ann presented a comprehensive overview of the institution's orthodontic postgraduate curriculum and residency structure.
- **Clinical Innovation:** Dr. Prajak Jariyapongpaiboon showcased complex clinical cases and introduced his proprietary innovation, the "Rajavithi miniscrews" (Rajavithi screw system).
- **Facility Tour:** The delegation was given an extensive tour of the advanced dental facilities, establishing a strong foundation for academic exchange.



## **Day 2: Cleft Lip & Palate Community Care at Sawanpracharak Hospital**

On the second day, the delegation travelled early to Sawanpracharak Hospital in Nakhon Sawan, to observe public health initiatives and specialized treatment protocols.

- **Mobile Orthodontic Unit:** The team observed the operations of the Thai Association of Orthodontists' (ThAO) Mobile Orthodontic Unit for Cleft Lip and Palate (CLP) patients, a program headed by Dr. Somchai Satravaha.
- **Clinical Interaction:** Key clinicians Dr. Nita Viwatt and Dr. Chuthamat Sujipong presented clinical patients and detailed their community-based interceptive protocols.
- **Official Recognition:** The delegation experienced an exceptionally warm welcome from Dr. Palinda Jean, Head of the Dental Unit. At the conclusion of the visit, the Director of the medical facility officially awarded completion certificates to the IOS observers. A commemorative memento was presented to Dr. Somchai on behalf of the IOS to mark this collaboration.



### **Advanced Surgical Protocols at Naresuan University**

The third day focused on complex surgical-orthodontic interrelationships at the Pattanalak Center (Cleft and Craniofacial Center), Faculty of Medicine, Naresuan University, in Phitsanulok. The delegation was hosted by Dr. Saran Worasakwutiphong (Director of the center).

- **Live Surgical Observation:** The observers witnessed a live, high-precision operating theatre session involving the fixation of an intraoral distractor and a Bilateral Sagittal Split Ramus Osteotomy (BSSRO) correction of the mandible. The surgeries were performed by Prof. Dr. Thongchai Nuntanaranont and Dr. Kannika Rungsaeng.
- **Orthodontic & Technological Integration:** Dr. Ratchawan Tansalarak, who headed the clinical orthodontic team, demonstrated the application of Presurgical Naso-Alveolar Moulding (PSNAM) appliances. Additionally, the delegation reviewed advanced 3D- printed surgical splints designed by oral surgeon Dr. Kannika Rungsaeng, which drastically enhance surgical predictability.
- **Didactic Lectures:** The day was punctuated by highly interactive lectures on "Distraction Osteogenesis" delivered by specialists Prof. Dr. Thongchai Nuntanaranont (Oral and Maxillofacial Surgery) and Assoc. Prof. Dr. Somchai Satravaha (Orthodontics).



### **Cultural Exchange and Hospitality:**

Beyond the immense academic value, the host team from the Thai Orthodontic Society demonstrated unparalleled hospitality. The Indian delegation was hosted daily with incredible warmth, featuring traditional culinary experiences, planned sightseeing, and interactive cultural entertainment (including Karaoke). These interactions substantially deepened the professional camaraderie and personal ties between the clinicians of both nations.



Takeaways & Recommendations

- Knowledge Repatriation: The clinical protocols observed—especially regarding mobile orthodontic units for CLP care and the use of 3D-printed surgical splints—offer valuable blueprints that our members can adapt to serve local communities in India.
- Sustainable Partnerships: This program successfully laid the groundwork for regular, bidirectional international exchanges, promoting excellence in orthodontic education, clinical care, and collaborative research.


Reported by:

Dr. Sarvraj Kohli, Vice-President, IOS and Chairperson, Member exchange programme, Committee, 2025-26  
Dr. Harneet Kaur & Dr. Partha Pratim Choudhary- Section Editors & Co-chair, Member exchange programme Committee, 2025-26

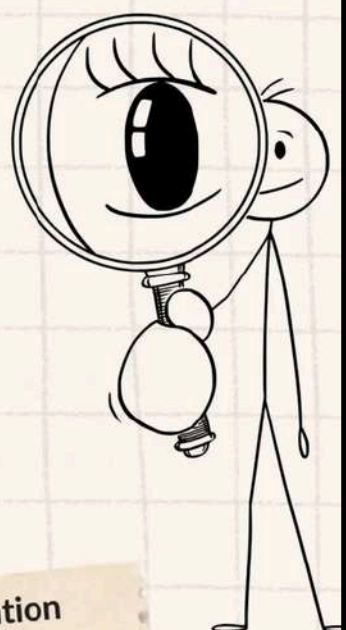


**Mouth open while sleeping looks harmless**  
**It isn't always!**

Habitual mouth breathing can affect jaw development, lip and tongue posture, and how teeth erupts in, all while your child is still in their **growth window**.

**If it's been happening for a while, it's worth a LOOK!** 👁️



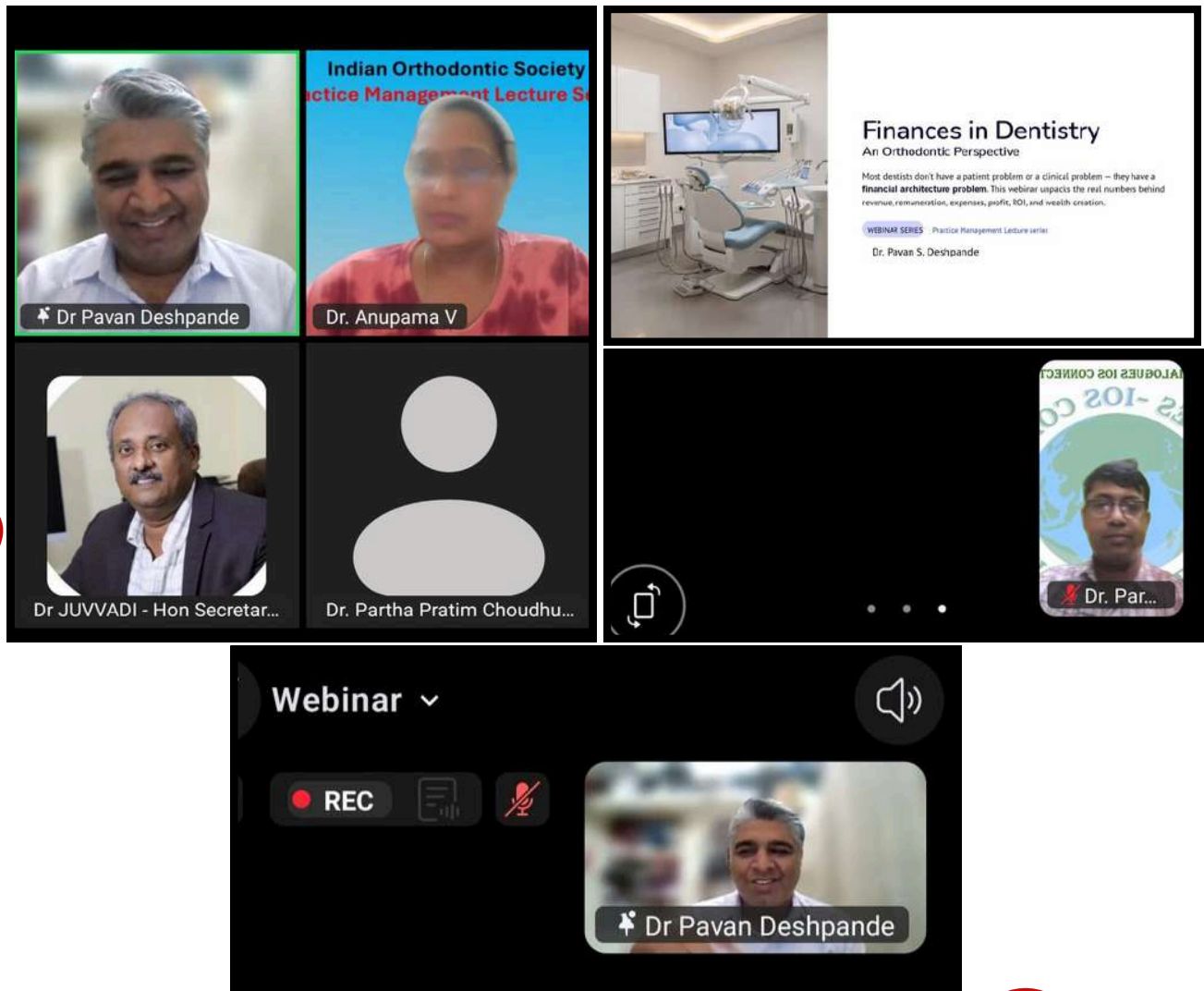
**Check the qualification before treatment.**

# PRACTICE MANAGEMENT SERIES

On 24th June 2026, the academic council of Indian Orthodontic Society organised the second webinar (8.30 pm - 9.30 pm) on practice management lecture series (2025 -- 2026 session) by Dr. Pavan Deshpande (Consultant Periodontist & Implantologist, Speaker & Mentor, Dental Business Masters). The moderator of the session was Dr. D.S.Raju, a distinguished Orthodontist, academic leader and dental entrepreneur with over 27 years of experience in clinical practice, education and institutional leadership.

Dr. Deshpande talked on the topic : ' Finance management in dental practice' where he shared his views and 10 years of clinical experience as a successful practitioner.

According to Dr. Deshpande, most dentists don't have a patient problem or a clinical problem, rather they have a financial architecture problem. The real gap is in understanding and structuring revenue, remuneration, expenses, profit, ROI and wealth creation. The key problem is in poor pricing structure, undefined remuneration, no financial dashboard. Without measurable KPIs (Key Performing Indicators) there is no way to identify where money is being lost. Every dentist should be able to answer these seven questions with a specific number -- not an estimate.

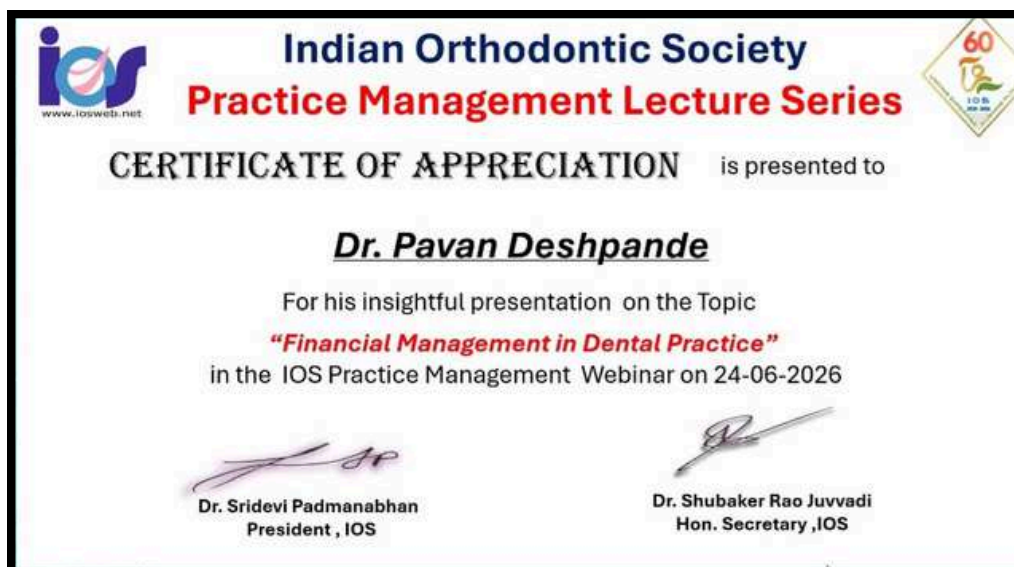


These are the metrics that define whether your practice is truly profitable.

- 1) Desired remuneration : what monthly income do you need to live the life you want
- 2) Cases required : how many cases per month are needed to hit your remuneration target
- 3) Time per case : how many chair hours does each case type consume on average
- 4) Personal survival budget : what is the absolute minimum monthly personal expense you must cover
- 5) Variable expenses : what costs scale directly with the number of patients or cases
- 6) Fixed expenses : what overhead exists regardless of patient volume -- rent, salaries, EMIs
- 7) ROI : what is the measurable return on every major investment in your practice.

Once the financial goal is set, tracking should be done with monthly trackers, quarterly trackers, half yearly trackers and yearly trackers. IGU sheet (income generation unit) with detailed data should be maintained where procedure wise income, number of each procedure, profit margin generated for each procedure, expenditure per procedure should be clearly mentioned.

To conclude with, his advices to young dentists are : clinical excellence is necessary, but not sufficient. The dentists who build lasting wealth are those who invest equally in the business of dentistry. So invest first in soft skills, financial skills and marketing skills.



### WHAT DO YOU GET BY END OF THIS LECTURE.

1. Understand my cashflow better.
2. How much money of the collection is **ACTUALLY MINE** ?
3. How can we increase our revenue?
4. How can I afford better staff?
5. How can I make an informed decision about any upgrade in clinic?
6. What are things I can afford right now?
7. How can I plan my future?

Reported by :

*Dr. Partha Pratim Choudhury*

*Co-chairman, Practice management committee, Academic council, IOS (2025 - 2026)*

# IBO AWARENESS PROGRAMME : KOLKATA 2026

Indian Board of Orthodontics in association with Indian Orthodontic Society and Dept. of Orthodontics, Dr. R. Ahmed Dental College & Hospital, Kolkata organised IBO Awareness programme (Blueprint to Board certification) on 25th of May, 2026 from 8.30 am to 5.30 pm at the auditorium of prestigious Dr. R. Ahmed Dental College & Hospital, Kolkata, which is the first dental college of India and South East Asia. The programme was attended by 84 participants (both IOS life members and student life members) from West Bengal and neighbouring states.



The Board of Directors of IBO, Dr. Mala Ram Manohar (IBO Chairman), Dr. Ajit Kalia (IBO Vice Chairman), Dr. Kiran Kumar (IBO Secretary & Treasurer), Dr. Ashish Garg (Director, IBO) and Dr. Sunanda Roy Choudhary (Director, IBO) graced the event and shared the necessary guidelines for Phase I, II & III examinations and how to prepare clinical cases for all five categories for appearing in Phase III (practical) examination in their day long lectures. It was an interactive event where the speakers patiently answered all the queries of the attendees and thoroughly explained the importance of board certification in today's professional world. Local IBO Diplomates of West Bengal Dr. Abhisek Ghosh and Dr. Kasturi Mukherjee were also among the speakers who shared their journey as IBO Diplomates and put valuable inputs for completion of board certification.



Prof.(Dr.) Sailendra Nath Biswas, Principal, Dr. R. Ahmed Dental College & Hospital was the chief guest of the event. The entire organising committee led by Head of the Dept. of Orthodontics, Prof.(Dr.) Rupa Ghosh (Organising Chairman), Dr. Partha Pratim Choudhury (Organising Secretary), Dr. Srikrishna Chattaraj (Treasurer), Dr. Ekta Lahoti (Scientific Convenor), Dr. Amit Shaw (Chairman Reception committee), Dr. Snigdha Mondal Chowdhury (Hospitality Convenor), Dr. Subhasish Sheet (Transport & Accomodation Convenor), Dr. Sutanu Modak (Registration Convenor) and Sreetama Bhattacharyya (Registration Co-Convenor) worked hard to execute such a grand event with precision and perfection.





Reported by :

Dr. Partha Pratim Choudhury

Associate Professor,

Dept. of Orthodontics & Dentofacial Orthopedics,

Dr. R. Ahmed Dental College & Hospital,

Kolkata, West Bengal

As AI continues to enhance precision and outcomes across every industry, orthodontists face a different kind of question:

# How do we adopt intelligence without losing clinical judgement?

Clear aligner treatment planning requires precision, speed, and consistency across every stage. The real challenge is achieving these outcomes without surrendering clinical control or relying on workflows that slow decision-making down.

Neural Hive® was built to address this exact gap, by bringing AI into orthodontics where it truly matters: *the workflow*.

By combining the expertise of orthodontists and AI specialists, Neural Hive® enables:



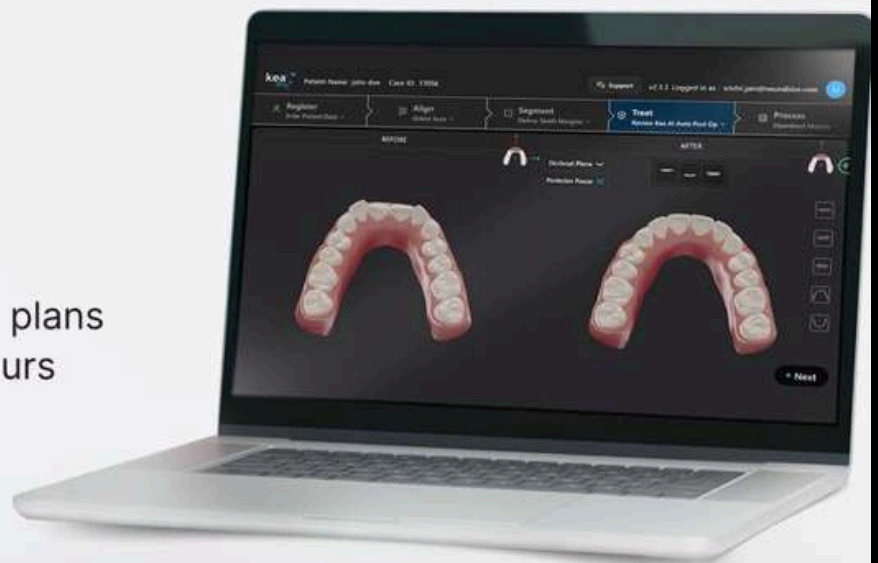
Faster, more efficient planning



Precise treatment plans in minutes, not hours



Orthodontist-led control at every stage



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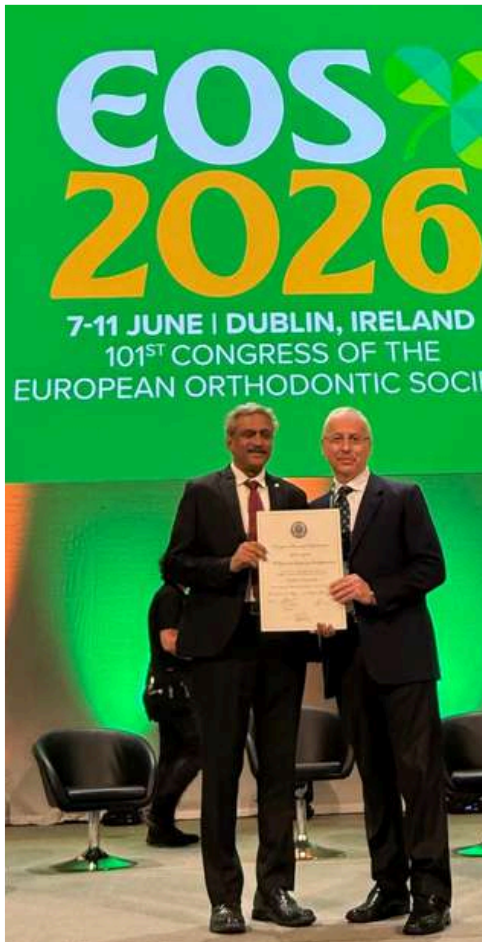
# Congratulations

## Dr. Krishnaswamy Rengarajan

The European Board of Orthodontists (EBO) is a professional certification board for specialist orthodontists. It operates under the umbrella of the European Orthodontic Society and is designed to recognize high standards of clinical excellence in orthodontics. Passing the EBO exam allows an orthodontist to earn board certification and become a member of the European Board. In simple terms, it is similar to board certification systems like the American Board of Orthodontics in the U.S.—an additional credential that demonstrates advanced competence beyond basic specialty training.



# Congratulations



On 8th June in Dublin, Ireland, Dr. Krishnaswamy Rengarajan ( Past President IOS , Past Chairman IBO) appeared for the examination, and after submitting eight cases as per the stipulated requirements and fulfilling all necessary criteria, he was privileged to be granted membership of the European Board of Orthodontics.





# Congratulations

## Lieutenant General Balakrishnan Jayan Director General Dental Services

Lt Gen B Jayan has taken over the reins of Army Dental Corps as Director General of Dental Services. He belongs to 1985 batch of GDC Bangalore, an accomplished Orthodontist and decorated serviceman. The Baton passes from Lt Gen Vineet Sharma to Lt Gen B Jayan who resumes office as the Director General Dental Services.

Lt Gen Balakrishnan Jayan is a distinguished military dental officer whose three decade career spans clinical excellence, academia, and strategic leadership. A specialist in orthodontics, and is widely credited with introducing and institutionalising Dental Sleep Medicine in India. As Director General Dental Services, he now leads the Army Dental Corps at its highest level.

### Family Background

- Father: Late Shri P.M. Balakrishnan, hailing from Vellinezhi village, Palakkad District, Kerala
- Mother: Smt Padmini Balakrishnan, from Konganoor, Thrissur District, Kerala
- Spouse: Smt Deepa Jayan, from Azhikode, Kannur District, Kerala — heads Back Bay India, an apparel export company based in Tirupur, Tamil Nadu
- Children: Aishwarya Jayan — works with Back Bay India; married to Maj Bharat Kesav  
Amrith Jayan — actor; holds a Master of Fine Arts degree from Yale University, USA

### Education & Professional Qualifications

- BDS (Bachelor of Dental Surgery), Government Dental College, Bengaluru in 1989
- MDS (Orthodontics & Dentofacial Orthopaedics), AFMC, Pune in 1998
- Fellowship in Clinical Research
- Senior Defence Management Course, College of Defence Management, Secunderabad



### Key Appointments Held

- Commandant, Professor, Commanding Officer & Corps Dental Adviser, Consultant of apex dental centres in Army and Air Force.
- Assumed the appointment as Director General Dental Services, wef 01 Jun 2026

### Honours, Awards & Commendations

- Army Commander's Commendation - 2000, 2008, 2011
- Vice Chief of Army Staff Commendation - 2007, 2008
- Chief of Army Staff Commendation - 2007, 2014
- Indian Orthodontic Society (IOS) Research Award – 2009
- Honorary Fellowship in Sleep Medicine – Indian Sleep Disorders Association -2009
- IOS Outstanding Professor Award – 2024
- Honorary Fellowship in Dental Sleep Medicine- Indian Sleep Disorders Association - 2024

### Research, Publications & Academic Contributions

- Research Projects: Associated with 16 research projects, predominantly focused on upper-airway management and sleep-related breathing disorders.
- Conference Presentations: 102 presentations at national and international conferences.
- Journal Publications: 98 papers in peer-reviewed medical and dental journals; over 528 citations.
- Book Chapters: 12–13 chapters contributed to internationally recognised textbooks, including multiple chapters in Dr O.P. Kharbanda's orthodontics textbooks published by Elsevier.

### Authored Books

- Care During COVID Pandemic: A Military Dental Hospital Commandant's Diary
- My PAK Diary: OP SINDOOR
- Atlas of Posters for Armed Forces Dental Services
- Editorial Roles: Member of editorial boards of various scientific journals.

### Pioneering Contributions

- Recognised as a pioneer of Dental Sleep Medicine in India; instrumental in establishing training and clinical practice across the Armed Forces.
- Developed and conducted a two-week training programme for Air Force Dental Officers in aerospace dentistry.
- Formulated dental fitness standards for India's Human Space Programme (Gaganyaan).

Reported by Dr. Sonam Sehrawat





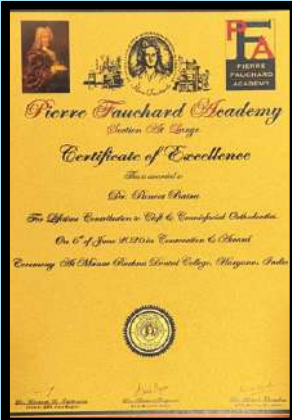
# Congratulations

## Dr. Puneet Batra

(Immediate Past President , IOS)

Lifetime Contribution to Cleft and Craniofacial Orthodontics Award from the Pierre Fauchard Academy.

Recognition as the Best Orthodontist of the Year 2026 at the Indian Dental Excellence Awards 2026 by the Indian Society of Dentistry and Cyno Dent.



# Congratulations

We are delighted to share that Dr. S. S. Sidhu has been conferred with the Lifetime Achievement Award , 59th IOC in recognition to his extraordinary contributions to the specialty of Orthodontics, his unwavering dedication to academic excellence, and his invaluable service to the profession over several decades.

The prestigious award was handed over personally by the Immediate Past President, Dr. Puneet Batra, and the Immediate Past Honorary Secretary, Dr. Sanjay Labh.



# Congratulations

**Dr. Gajanan Shanbhag, on the release of "Step By Step: Grayson's and Alveolar Moulding in Clefts!"**  
**This vital resource not only enhances cleft care but also contributes to treating underprivileged children.**



"Years of clinical practice distilled into clarity, one step at a time."

**Dr. Gajanan Shanbhag**  
 Cleft Care Specialist & NAM Practitioner



**EDITOR**

**Chapter Contribution**

**Illustrations and Pictures**

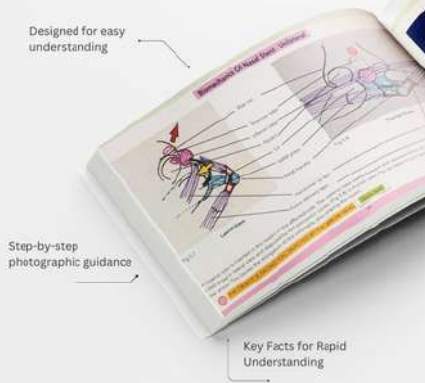
**Proof Reading**

**Art Work, Design and Concept**

**People Who Built This Book**

**THE CO-AUTHORS AND CONTRIBUTORS.....**

**Not Just Theory. Pure Visual Clarity.**



Designed for easy understanding

Step-by-step photographic guidance

Key Facts for Rapid Understanding

No complex jargon, just clear, guided learning

**Your Everyday Cleft Care Companion.**

- ✔ Structured, stepwise photographic guide
- ✔ Clear visual sequencing for accurate execution
- ✔ Backed by documented case studies
- ✔ Acts as a ready reckoner during procedures



Bridging complexity with visual clarity.

# Congratulations

Heartiest Congratulations to Dr. Jitendra Bhagchandani on his appointment as Member Secretary of the Board of Studies at Atal Bihari Vajpayee Medical University, Lucknow, for the academic session 2026-27. His expertise promises to enhance medical education standards. Wishing him continued success in this prestigious role!



Reported by Section Editor, Dr. Harneet Kaur



***Is your  
braces  
specialist  
IOS  
Endorsed ?***



**Before**



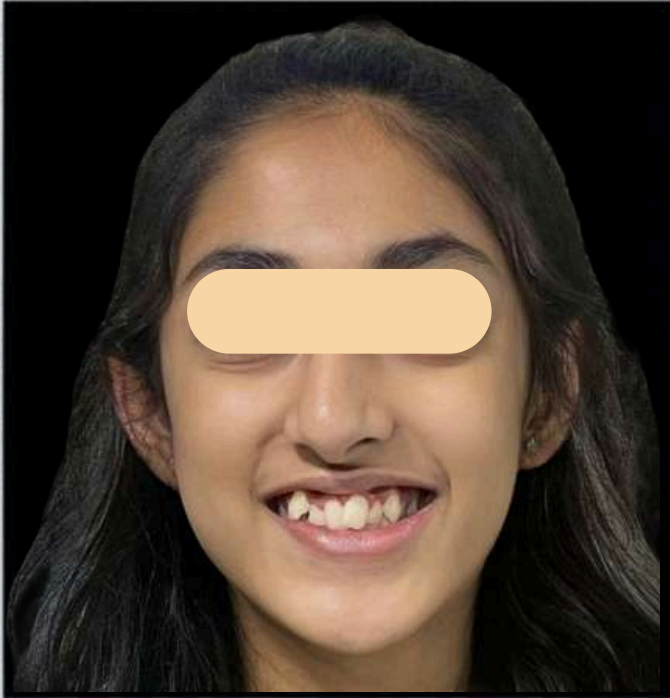
**After**

**IOS Times  
acknowledges  
Dr. Kannan  
Sabapathy for  
his contribution  
in the public  
awareness page**





<https://findanorthodontist.bracespecialists.com/>

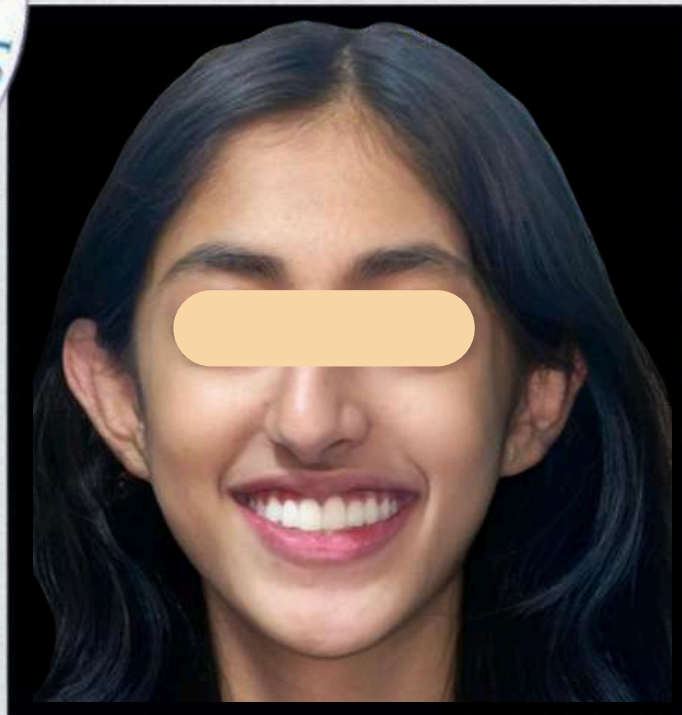


**Before**



**Is your braces doctor a member of Indian Orthodontic Society ?**

**IOS Times acknowledges Dr. Anup Belludi for his contribution in the public awareness page .**



**After**



# Does your braces doctor have IOS Membership ?



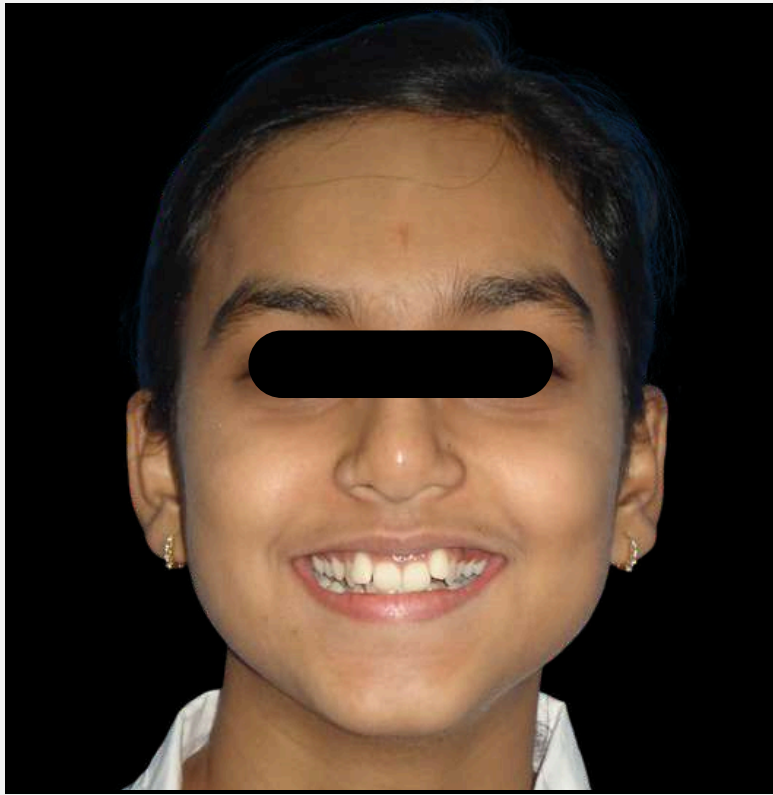
**Before**



**After**

**IOS Times acknowledges Dr. Kiran Kumar for his contribution in the public awareness page .**

<https://findanorthodontist.bracespecialists.com/>



**Before**

***Is your  
braces  
doctor IOS  
Endorsed ?***



**IOS Times  
acknowledges  
Dr. Ashish Garg for  
his contribution in  
the public  
awareness page .**



**After**



<https://findanorthodontist.bracespecialists.com/>



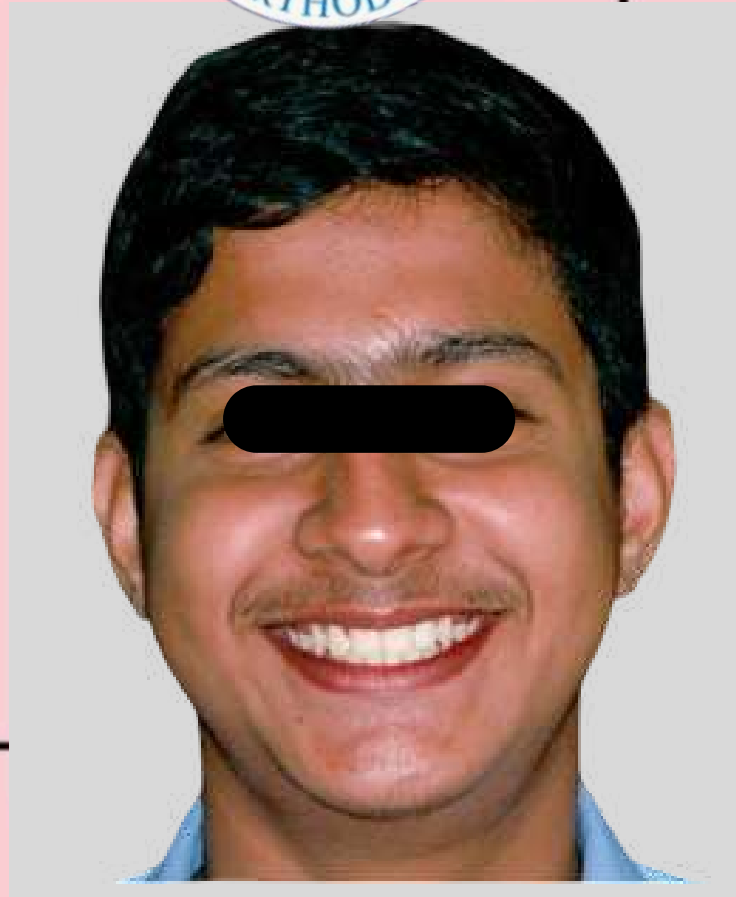
**BEFORE**

***Is your  
braces doctor  
a member of  
Indian  
Orthodontic  
Society ?***



**AFTER**

**IOS Times  
acknowledges  
Dr. Biju Sebastian  
for his contribution  
in the public  
awareness page .**





# Is your braces doctor IOS Endorsed?



**Before**



**After**

**IOS Times acknowledges Dr. Nasim Mirdehghan for her contribution in the public awareness page .**

<https://findanorthodontist.bracespecialists.com/>



<https://findanorthodontist.bracespecialists.com/>

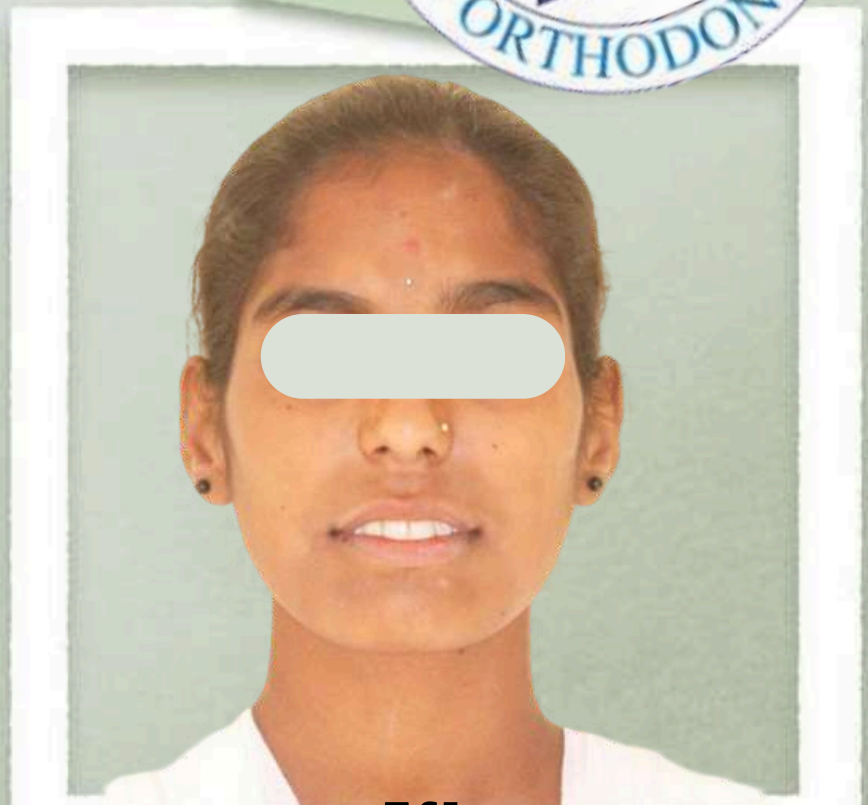


**Before**

***Magic  
of  
braces***



**IOS Times  
acknowledges  
Dr. Deepti  
Vallapareddy for  
her contribution in  
the public  
awareness page .**



**After**

# IOS RESEARCH COLUMN

This section of IOS times research column showcases contributions of our members to top ranked International Orthodontic journals for the June month. Congratulations to all our life members for their significant contribution to orthodontic literature. Any members who have published in top Q1 orthodontic journals for the month of July 2026 are requested to send to the IOS times Editor before July 25th.

## JOURNAL OF WORLD FEDERATION OF ORTHODONTISTS STATUS Q1 CITESCORE 6.1

**Antimicrobial effects of four different probiotic compositions and delivery forms on clear aligner biofilm: A randomized single-blind crossover trial. June 2026**

**Vikas Thakur · Achint Juneja · Monis Raza · Prachi Mehra · Anju Treesa Jacob · Prashant Kumar Shahi**

DOI: [10.1016/j.ejwf.2025.12.001](https://doi.org/10.1016/j.ejwf.2025.12.001) External Link

## EUROPEAN JOURNAL OF ORTHODONTICS STATUS Q1 CITESCORE 5.9

**Non-surgical treatment of skeletal Class II malocclusion in children and adolescents: an umbrella review .june 2026**

**Mayuri Mundhe , Abhisek Bhattacharjee , Nitesh Tewari , Richa Khanna , Rajeev Kumar Singh**

<https://doi.org/10.1093/ejo/cjaf109>

**Dento-skeletal effect of maxillary expansion appliances in growing children and adolescents with transverse deficiency: a network meta-analysis. June 2026**

**Nitesh Malik , Sanjeev Verma , Vinay Kumar , Raj Kumar Verma , Satinder Pal Singh , Ashok Kumar**

<https://doi.org/10.1093/ejo/cjag027>

**Assessment of accuracy, reliability, readability, and semantic consistency of generative AI responses to rephrased orthodontic patient questions**

**Panchali Batra , Eshwar Puttaswamy , JyothiKiran Hurkadle , Dipti Shastri , Vipul Sharma , Monis Raza , Muskan Jakhal**

<https://doi.org/10.1093/ejo/cjag024>

**JOURNAL OF OROFACIAL ORTHOPEDICS  
STATUS Q1 CITESCORE 4.7**

**2D-to-3D: Predicting three-dimensional (3D) cephalometric measurements from two conventional X-ray images**

**Abhishek Gupta, Shailendra Singh Rana, Sharvari Vichare**

## INTERNATIONAL ORTHODONTICS STATUS Q1 CITESCORE 3.4

Assessing the effectiveness of smart retainers for orthodontic retention: A systematic review and meta-analysis

Ashish Kumar Singh, Dhruv Ahuja, Puneet Batra, Yeshtha Chaudhary, Soumya Shekhar

<https://doi.org/10.1016/j.ortho.2025.101093>

Optimization of the effectiveness of lower canine retraction: A FEM comparison of different attachment systems with no attachments in clear aligners

Muskan Chanduka, Sirengalakshmi Muthuswamy Pandian, Aravind Kumar Subramanian, Nikhillesh Vaid

<https://doi.org/10.1016/j.ortho.2025.101090>

Load-deflection characteristics of Damon™ Ultima vs heat-activated NiTi wires in passive self-ligating brackets: An in-vitro experimental study

Sayed Abdul Hadhi, Monis Raza, Achint Juneja, Stuti Mohan

<https://doi.org/10.1016/j.ortho.2025.101092>

Assessing colour stability of direct printed and thermoformed aligners: An in vitro study on aesthetics longevity

Bhavani Priya Perumalla, Pradeep Kandikatla, Arun Bhupathi, Anoosha Manda, ... Hari Babu

<https://doi.org/10.1016/j.ortho.2025.101105>

Comparative evaluation of optical property changes in direct printed aligners using two resins: An in vivo investigation

Subashree Ravichandran, ShanthiniPriya Arumugam, Balaji Krishnan, Parameswaran TM, ... Aswini Soundharya Sekar

<https://doi.org/10.1016/j.ortho.2025.101106>

Assessment of pre-treatment diagnostic characteristics in patients with borderline bimaxillary protrusion: A pilot comparison of bi-jaw distalization versus premolar extraction

Rajaganesh Gautam, Dhruv Ahuja, Siddarth Shetty, M. Varadraj Ashith, ... Nandita Shenoy

<https://doi.org/10.1016/j.ortho.2025.101134>

A finite element analysis of stress distribution on maxillofacial skeleton and temporomandibular joint articular disc under intermaxillary loading after simulated bone anchored maxillary protraction

Supratim Kundu, Ankur Gupta, Pravin Kumar, Anjana Rajagopalan, ... Vinay Kumar Chugh

<https://doi.org/10.1016/j.ortho.2025.101139>

# Congratulations

**Heartiest Congratulations  
Dr. Anupama V.  
(Associate Prof , SDM Dental College , Dharwad)  
for successfully  
completing her PhD.**

**Title of the Thesis "Effect of Low- Level Laser Therapy on  
Space Closure during Enmass Retraction, its effect on Root  
Resorption using CBCT and miRNA expression levels"**



Reported by Section Editor , Dr. Harneet Kaur



# Congratulations

## Dr Mohit Chaturvedi

**Heartiest Congratulations  
Dr. Mohit Chaturvedi for  
successfully completing his PhD**



# Congratulations

## Dr Robin Malik

**Heartiest Congratulations  
Dr. Robin Malik for successfully  
completing his PhD**





# SAVE THE DATE

## 60<sup>th</sup> Indian Orthodontic Conference - IOC 2026

Orthodontics: Rise of the Phoenix



4<sup>th</sup> - 6<sup>th</sup>  
December 2026



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secretary60thioc@gmail.com



# Noida Ghaziabad Orthodontic Study Group

The Noida Ghaziabad Orthodontic Study Group (NGOSG) successfully conducted an online academic webinar on 7th June 2026 on the topic “Case Discussion by Study Group Members – Maxillary Expansion: What, When & How?” under the aegis of the Indian Orthodontic Society. The program witnessed enthusiastic participation from orthodontists, postgraduate students, and academicians from across India.

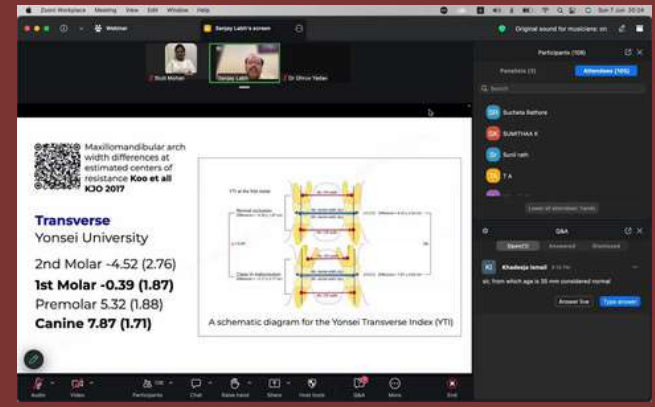
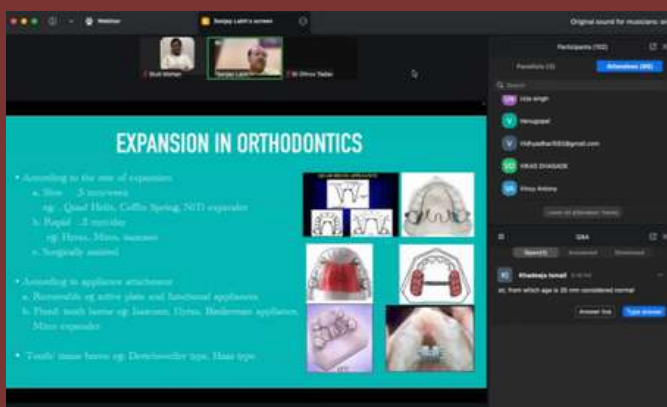
The webinar commenced with a warm welcome by Dr. Stuti Mohan (Co-Convenor, NGOSG) to Dr. Shubhaker Rao Juvvadi, Honorary Secretary of the Indian Orthodontic Society. Dr. Juvvadi addressed the gathering and emphasized the importance of continuous academic learning and professional interaction. The session was also graced by the presence of other Principal Office Bearers and Executive Committee Members of the Indian Orthodontic Society, whose participation added prestige and encouragement to the academic event.

The academic lecture was delivered by renowned orthodontist and academician Dr. Sanjay Labh, who presented an insightful overview of “Maxillary Expansion – What, When & How?” Drawing from his extensive clinical experience, he discussed the diagnosis and management of transverse discrepancies, treatment timing, appliance selection, expansion protocols, retention strategies, and management of complex cases.

The interactive session encouraged active participation and meaningful discussion, with delegates engaging in a lively question-and-answer session. The webinar attracted more than 100 delegates from across India, highlighting the growing interest in continuing orthodontic education and collaborative learning.

NGOSG expressed its gratitude to the Indian Orthodontic Society for endorsing the program and to Dr. Sanjay Labh for sharing his valuable expertise. Appreciation was also extended to the IOS Office Bearers, Executive Committee Members, study group members, and delegates whose active participation contributed to the success of the program.

The webinar concluded with a vote of thanks by Dr. Nishant Gupta, marking another successful academic initiative by NGOSG. The program effectively achieved its objective of enhancing clinical knowledge, encouraging scientific discussion, and fostering academic interaction among orthodontic professionals and students.



# Madras Orthodontic Study Group

Madras Orthodontic Study Group organized a movie night for MOSG members and their families. It was a delightful evening that brought together members and their families for relaxation, laughter, and quality time. Beyond the entertainment, it provided a wonderful opportunity to strengthen bonds, create cherished memories, and enjoy each other's company in a warm and friendly atmosphere. Our IOS President Dr.Sridevi Padmanabhan joined us with family making it more special. Our IOS Treasurer Dr.Vijayadhith, few executive committee members, past conveners, senior and budding orthodontists and their family's presence made it truly a memorable one. The event was filled with fun, camaraderie, and shared moments, making it a truly memorable experience for everyone who attended.



# Madras Orthodontic Study Group

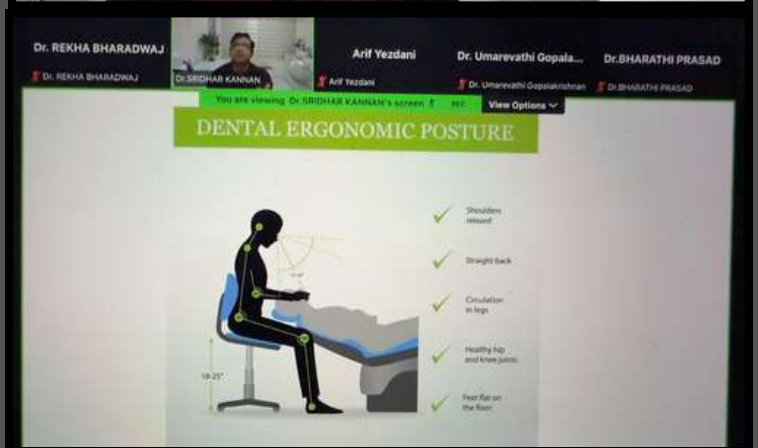
Clinical enrich program

The Madras Orthodontic study group conducted the clinical enrich program on 14th June 2026 on a very unique and important aspect of orthodontic wellness - Beyond Smiles - physical, emotional and mental wellness in Orthodontics! On behalf of MOSG conveners, I would like to extend my sincere gratitude to the speaker, Dr.Sridhar Kannan for the outstanding presentation on a topic much neglected and ignored most often by many of us. It was an insightful and enriching lecture reminding us that a healthy practitioner provides the best care and prioritization of ourselves is very important amidst our professional and personal lives. A session that was worth listening ! My heartfelt gratitude to wonderful moderation by Dr.Arif Yezdani for the comprehensive summary and healthy discussions triggered in q and a session. My sincere thanks to IOS office bearers President- Dr.Sridevi Padmanabhan and Secretary- Dr.Shubakar Rao for the everlasting support and guidance , our Past President Dr.Jayesh Rahalkar for joining and inspiring us always, heartfelt thanks to all the excellent academicians, practitioners, fellow colleagues and enthusiastic Post graduates for joining on a beautiful Sunday evening. A special mention to Dr.Bharathi for the brilliant MC and my co-conveners Dr.Uma and Dr.Srinivas for being beside forever and to all the participants for making the webinar a resounding success.

With regards,

Dr. Rekha Bharadwaj

Convener, Madras Orthodontic Study Group





# ***REPORT ON CONTINUING DENTAL EDUCATION (CDE) PROGRAMME “Torque Talks - BaTR Revolution”***

We would like to express our sincere gratitude to the management of MAHER and the Principal for providing us with all the support to conduct the CDE programme.

This is the report on the Continuing Dental Education (CDE) programme titled “**Torque Talks – BaTR Revolution**” conducted by the **Department of Orthodontics and Dentofacial Orthopedics**, Meenakshi Ammal Dental College and Hospital, MAHER.

The CDE programme was organized under the guidance of **Prof. Dr. N. Velmurugan**, Principal, and **Prof. Dr. Uma Maheshwari**, Head of the Department of Orthodontics and Dentofacial Orthopedics. The programme was coordinated by the faculty and post graduate students of the department.

The programme was conducted on **18th June 2026 (Thursday)**. It was a comprehensive academic event comprising a scientific lecture and a hands-on workshop on the innovative **BaTR (Bracket and Tube Revolution)** system in orthodontics.

The programme commenced with registration from **9.30 a.m. to 10.00 a.m.**, followed by the inauguration ceremony from **10.00 a.m. to 10.30 a.m.** After a short tea break, the scientific session was conducted from **11.00 a.m. to 12.30 p.m.** The guest speaker, **Dr. Alka Manish Banker, MDS**, Professor, Department of Orthodontics, Government Dental College and Hospital, Gujarat, delivered an insightful lecture on “**Beyond Conventional Brackets: The BaTR Approach – Redefining Precision in Orthodontic Treatment.**” The lecture highlighted the clinical applications, advantages, and contemporary relevance of the BaTR bracket system in orthodontic practice.

Following lunch from **12.30 p.m. to 1.30 p.m.**, a **hands-on workshop** was conducted from **1.30 p.m. to 3.00 p.m.**, where participants gained practical exposure to the BaTR system through guided demonstrations and interactive training sessions. Workshop materials were provided to all participants.

The programme witnessed enthusiastic participation from undergraduate students, postgraduate students, faculty members, and practicing dentists. The scientific deliberations and practical demonstrations were highly appreciated by the attendees and contributed significantly to enhancing their knowledge and clinical skills in modern orthodontic treatment techniques.

The CDE programme was successfully completed and achieved its objective of updating participants on recent advances in orthodontic bracket systems while fostering academic interaction and professional development among dental professionals.

## **Objectives – Lecture Session**

1. To introduce participants to the fundamentals of the BaTR Bracket System and its clinical applications.
2. To explain the biomechanics and treatment principles underlying the bracket system.
3. To familiarize participants with bracket design, prescription features, and case selection criteria.
4. To discuss treatment planning protocols and mechanics associated with the BaTR system.
5. To enhance understanding of troubleshooting common clinical challenges and achieving efficient treatment outcomes.

## Learning Outcomes – Lecture Session

Upon completion of the lecture session, participants will be able to:

1. Describe the components and characteristics of the BaTR Bracket System.
2. Explain the biomechanical principles governing tooth movement using the system.
3. Identify appropriate cases for treatment with the BaTR Bracket System.
4. Develop treatment plans incorporating the bracket mechanics.
5. Demonstrate an understanding of torque control strategies.

Reported by Managing Editor, Dr. Akhil Agarwal



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# KALINGA PG ACADEMIC RECAP 3

## A GRAND SUCCESS

The Department of Orthodontics, Kalinga Institute of Dental Sciences (KIDS), KIIT Deemed to be University, Bhubaneswar, successfully conducted Kalinga PG AcademicRecap 3 on 24th June2026 , following the resounding success of its previous editions in 2024 and 2025.

The primary objective of this academic initiative is to help final-year MDS postgraduate students prepare comprehensively for their university examinations and face them with greater confidence and clarity.



This year's webinar featured an outstanding panel of eminent speakers from across India who shared their expertise on contemporary orthodontic topics:

- ◆ Dr. Akshay Gupta (Professor & Head, Indira Gandhi Institute of Dental Sciences, Jammu) – Digital Orthodontics
- ◆ Dr. Viren Puri (Mumbai) – Orthodontic BoneScrews
- ◆ Dr. Manisha Yadav (Gurgaon) – TemporomandibularDisorders (TMD) andOrthodonticPerspectives
- ◆ Dr. Harita P. (Associate Professor, SRMC, Chennai) – Management of FacialAsymmetry
- ◆ Dr. Chaitra SantoshKumar (Professor, D.Y. Patil Dental College, Pune) – Obstructive SleepApnea (OSA)
- ◆ Dr. PradeepKandikatla (Associate Professor, Vishnu Dental College & Hospital, Bhimavaram) – DirectPrintedAligners

More than 270 postgraduate students from various dental colleges across India actively participated in the webinar, making it a vibrant platform for learning and academic interaction.

The program commenced with a warm welcome address by Prof. & Head Dr. Nivedita Sahoo, followed by the ceremonial lighting of the lamp by the Chief Guest Dr. Jugoyoti Pathi, \*Director, Kalinga Institute of Dental Sciences, and Dr. Sangamesh N.C., Principal, KIDS.

The scientific sessions were highly interactive, with participants enthusiastically engaging in discussions and clearing their doubts through direct interaction with the speakers. A feedback form was also shared with participants to gather valuable suggestions and reflections on the program.

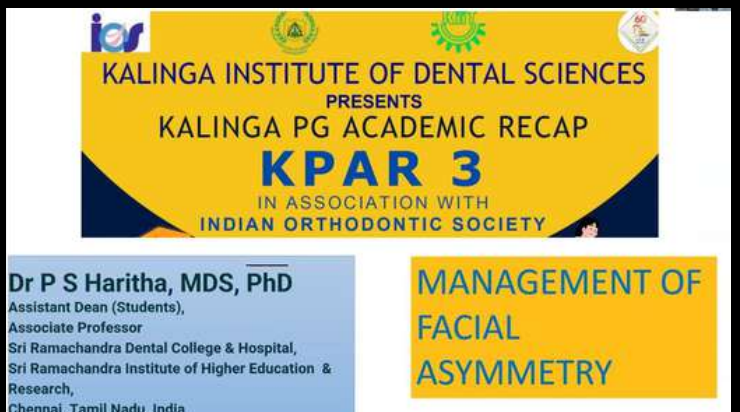
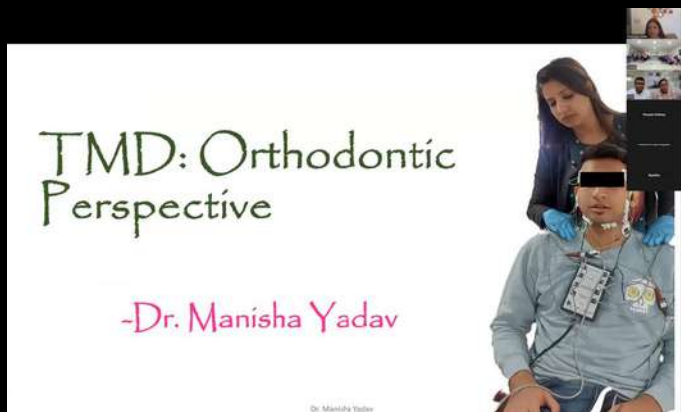
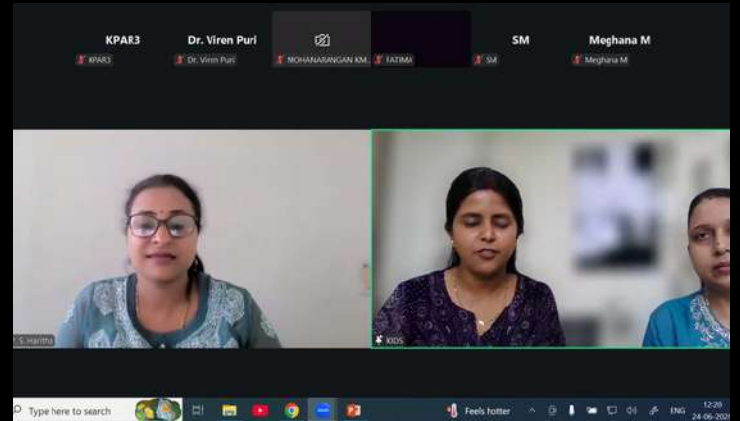
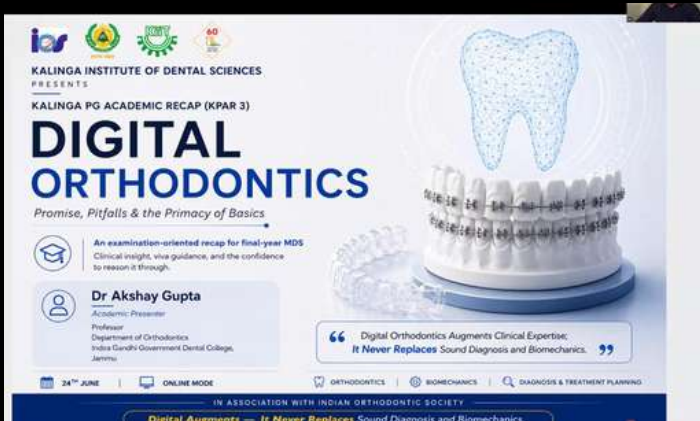
The success of the event was made possible through the dedicated efforts of the faculty members of the Department of Orthodontics—Prof. Dr. Nivedita Sahoo, Prof. Dr. Sanghamitra Jena, Dr. Bhagabati Prasad Dash, Dr. Biswaroop Mohanty, Dr. Swati Singh, Dr. Smruti Chandan Mahapatra, and Dr. Anupa Samanta—along with the enthusiastic support of the postgraduate students.

Kalinga Academic Recap 3 stands as another milestone in the department's commitment to academic excellence, knowledge sharing, and postgraduate education.

" Knowledge grows when shared.

Kalinga Academic Recap 3 brought together renowned academicians and enthusiastic learners from across India, creating a vibrant platform for advanced orthodontic learning and examination preparedness.

A heartfelt thank you to all speakers, participants, faculty members, and postgraduate students who made this event a grand success."



# Dr. Vinay Dua

## MODERN ORTHODONTIC PRACTICE MANAGEMENT IN THE DIGITAL ERA

*BALANCING CLINICAL EXCELLENCE, TECHNOLOGY, AND SUSTAINABLE GROWTH*

### CAREER STAGES IN ORTHODONTIC PRACTICE MANAGEMENT

#### 1. Early Career Stage: Building Clinical and Professional Foundations

The early years of orthodontic practice are primarily focused on developing clinical confidence, refining treatment skills, and establishing professional identity. During this stage, orthodontists benefit from mentorship, continuing education, and exposure to modern digital systems.

Key priorities include:

- Clinical skill development
- Patient communication and trust-building
- Financial planning and debt management
- Introduction to digital orthodontic workflows
- Understanding practice-management systems

Early-career orthodontists are increasingly being trained using digital scanners, virtual treatment planning, and aligner-based systems. Familiarity with these technologies at an early stage improves adaptability and future practice integration.

### MID-CAREER STAGE: PRACTICE ESTABLISHMENT AND WORKFLOW INTEGRATION

As orthodontists transition into independent or established practice, the focus shifts toward operational efficiency, workflow optimization, patient retention, and sustainable growth.

At this stage, integrating technology into routine clinical practice becomes increasingly important. Digital treatment planning, cloud-based record management, and remote patient monitoring systems can significantly improve communication and clinical efficiency.

Important areas of focus include:

- Practice establishment and team management
- Workflow standardization
- Branding and patient experience
- Remote monitoring and virtual consultations
- Financial sustainability and expansion planning

As digital dentistry continues to evolve, artificial intelligence has emerged as one of the most influential innovations reshaping orthodontic practice management. AI-assisted systems can support appointment scheduling, treatment simulation, progress tracking, and administrative automation, thereby improving operational efficiency.

## ADVANCED PRACTICE STAGE: SCALING, LEADERSHIP, AND INNOVATION

Experienced orthodontists often focus on practice expansion, leadership development, mentoring younger professionals, and long-term sustainability.

At this stage, AI-driven analytics and automation tools may help optimize practice performance by improving scheduling efficiency, patient communication, and treatment monitoring.

Advanced practice priorities may include:

- Multi-clinic management and scaling
- Brand positioning and reputation building
- AI-assisted workflow optimization
- Staff leadership and professional mentoring
- Long-term financial and operational sustainability

Modern orthodontic practices are increasingly adopting data-driven systems to improve decision-making and patient engagement while maintaining high standards of personalized care.

## THE EXPANDING ROLE OF ARTIFICIAL INTELLIGENCE IN ORTHODONTICS

Artificial intelligence is rapidly transforming orthodontic practice management and digital dentistry. AI-based tools are increasingly being utilized for:

- Automated appointment scheduling
- Predictive treatment planning
- Progress monitoring
- Virtual patient communication
- Clinical documentation support
- Workflow analytics

AI-assisted systems can reduce administrative burden while enhancing patient convenience and operational consistency. Digital monitoring platforms also allow clinicians to remotely assess treatment progress, potentially improving patient compliance and reducing unnecessary in-office visits.

Several modern orthodontic and dental systems illustrate this transition toward integrated digital workflows. While AI offers substantial benefits, its implementation should support—not replace—clinical judgment and individualized patient care.

## ETHICAL AND LEGAL CONSIDERATIONS

The integration of AI and cloud-based technologies into orthodontic practice also introduces important ethical and legal responsibilities.

Orthodontists must remain aware of:

- Patient data privacy and cybersecurity
- Informed consent regarding AI-assisted systems
- Algorithmic bias and diagnostic limitations
- Medico-legal accountability for clinical decisions
- Ethical use of automated communication systems

Responsible implementation of digital technologies requires balancing innovation with transparency, professional oversight, and patient-centered ethics.



**TECHNOLOGY INTEGRATION ACROSS CAREER STAGES**

- Career Stage
- Primary Focus
- Technology Role
- Early Career
- Clinical skill development
- Digital learning exposure
- Mid-Career
- Practice establishment
- Workflow integration
- Advanced Practice
- Scaling and leadership
- AI-assisted optimization

**FUTURE DIRECTIONS IN ORTHODONTIC PRACTICE MANAGEMENT**

The future of orthodontic practice management is likely to become increasingly digital, interconnected, and data-driven. Emerging technologies may continue to improve efficiency, treatment predictability, patient communication, and business sustainability.

However, successful orthodontic practice will continue to depend on clinical excellence, ethical responsibility, effective communication, and personalized patient care.

Future orthodontic practices are likely to become increasingly patient-centered and technologically integrated, requiring clinicians to balance innovation with empathy, professionalism, and individualized treatment planning.

Reported by Dr. Hasini Gopal

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- Bite formation
- Muscle posture

# DR. SHWETA BHAT



## Introduction

Behind every confident smile is a story of science, skill and sincere dedication. But behind the professional is a woman whose world is equally inspired by creativity, curiosity and compassion. Dr. Shweta Bhat believes in living life with balance—where logic meets imagination, where discipline coexists with dreams, and where every day brings an opportunity to learn, create and connect.

## A Journey of Dedication

Member Secretary of the Institutional Ethics Committee, NHDC

Recipient of the Mayor's Award and Thane Navdurga Award – 2011

A mentor at heart – inspiring, guiding and shaping the future of orthodontics with care and vision

## A Life Beyond Orthodontics

She believes that life is best balanced between logic and creativity. Her hobbies include crochet, reading, travelling, and playing with numbers. Mathematics has always fascinated her for the fun challenges and sense of satisfaction it brings, while crochet allows her to relax creatively, one stitch at a time. An avid reader and enthusiastic traveller, she enjoys discovering new ideas, cultures, and perspectives through books and journeys alike. Whether she is getting lost in the pages of a good novel, exploring a new destination, or quietly working on a crochet pattern, she finds joy in experiences that allow her to learn, create, and unwind.



## Passions That Bring

In her quiet moments, she turns to crocheting, where every stitch becomes a creative expression. The beautiful, handcrafted bags she creates bring her both relaxation and joy, and their impact extends beyond craftsmanship—the proceeds from their sale are dedicated to charitable causes. Give her some quiet time, and you will often find her with her Kindle, completely lost in the world of books.

## A Life Rooted in Values

Her journey reflects a beautiful balance of logic and creativity, duty and passion, science and soul. She continues to inspire through her work, her warmth and her unwavering commitment to making a difference.

.....Passionate in profession. Creative at heart. Purposeful in life.

**Reported by Dr. Honey Gurbaxani**

# Dr. Balakrishnan Shetty

## *The Musical Journey of Dr. Balakrishna Shetty*

For Dr. Balakrishna Shetty, music has always been an inseparable part of life—almost like a genetic imprint. His early years at Sri Ramakrishna Vidyashala, Mysuru, a gurukul-style institution, instilled in him discipline, values, and a deep appreciation for learning. During his school days, he won several Rotary Club competitions and developed an interest in various musical instruments, with the mandolin becoming his favourite. Inspired by the legendary Mandolin Srinivas, he nurtured a lifelong passion for music.

His move to Manipal for higher education marked a significant phase in both his academic and musical journey. While pursuing dentistry and later orthodontics, he continued to explore music alongside his professional studies. Although he never received formal training in singing, encouragement from friends and classmates—who often noticed similarities between his voice and that of the legendary Kishore Kumar—gave him the confidence to continue singing and performing.

On the academic front, Dr. Shetty’s journey as an educator began during his postgraduate years at JSS Dental College, Mysuru, as part of the first batch under Rajiv Gandhi University of Health Sciences (RGUHS). His career later flourished at Coorg Institute of Dental Sciences (CIDS), Virajpet, where he grew from a lecturer to a professor and mentor. Being associated with one of the earliest postgraduate batches provided him with invaluable learning experiences and opportunities for professional growth.

Over the years, he has actively participated in numerous conferences, academic programs, and professional forums. More than teaching, he found immense satisfaction in shaping the lives and careers of students, both undergraduate and postgraduate. Mentorship gradually became more than a professional responsibility—it became a personal mission. Many of his former students have gone on to achieve remarkable success in the field of orthodontics, earning national and international recognition. Witnessing their accomplishments remains one of the most rewarding aspects of his career.

Currently practicing as an orthodontic specialist in Muscat, Oman, Dr. Shetty continues to balance his professional commitments with his enduring passion for music. Although time and age may have mellowed some aspects of his musical pursuits, his love for music remains as vibrant as ever. It continues to inspire, enrich, and accompany him through every stage of life, proving that true passions never fade—they simply evolve.

*Reported by Section Editor , Dr. Arjun Nayak*



# Dr. Ravi Ranjan

## Finding Harmony Beyond Orthodontics

Beyond his professional achievements in orthodontics and digital dentistry, Dr. Ravi nurtures a deep passion for music and exploring the inner self. He finds immense joy in singing. His musical taste leans toward soulful, unplugged renditions—especially the Maha mantra transcendental vibration causing track, rock and romantic bollywood melodies. Among the artists who inspire him most is the legendary Kishore kumar.

Among the hollywood musicians George Harrison producer of upbeat single featured on acoustic guitar and backing vocals for "Hare Krishna maha mantra" which became a massive international hit, reaching the top 20 in the UK and European music charts is in his favourite list.

He is a Nemophilist. It keeps him energised. He is a true believer of green earth initiative. Each one plant a sapling can help curb global warming is his life's mantra.

Outside music Dr. Ravi enjoys staying active through volunteering and taking active participation in exploring several festivals which are celebrated in Sanatan dharma namely Patit pavan lord Jagganath's Snan yatra and massive Rath yatra, Gour purnima, Narasimha chaturdasi, Sri Krishna Janmastami, Radhastami Sri Ram Navami and the list is endless. He believes that there is immense positivity in life. Every one needs to explore it.

His professional journey started from Baba Baidyanath Dham, Deoghar located in Jharkhand. it is revered as one of the 12 sacred Jyotirlingas of Lord Shiva. Right now he is actively engaged in enhancing smiles of Indian citizens.

He is providing insights of excellence to the orthodontic professionals of Albania, a country of European continent through tele-communication.

For Dr. Ravi, these pursuits—music, strength training, following spiritual path and sharing knowledge on national as well as International platform can create a balanced rhythm to life, enriching his perspective both personally and professionally.



Reported by Dr. Sonam Sehrawat

# Dr. Swaroop Savanur

Dr. Swaroop's 11th short film - A Thriller Drama 'The Intruder' won ' Best Indian Film Award ' at the 16th Pune Short Film Festival.

@SwaroopFilms on YouTube  
<https://youtu.be/eVoJckqsi8>

*To see this and other award winning short films, pls go to the 'SwaroopFilms' channel on YouTube.*



*Congratulations*



# World orthodontic health day



Madras Orthodontic Study Group presents the orthodontic awareness program on the occasion of World's Orthodontic Health day, featuring Singer Krish sharing his thoughts and significance of orthodontic awareness amidst the society. In his short video, he highlights the right age to visit an orthodontist, the pivotal role orthodontists play in treating patients not just for esthetics but also function and form. He shared some insightful thoughts on early and appropriate age for treating children to modify facial structures to adult orthodontics with the current and popular Aligner orthodontics.

On behalf of MOSG conveners, I would like to express my sincere gratitude to Singer Krish for his gracious consent to promote orthodontic awareness in the society. I am truly grateful to IOS President Dr. Sridevi Padmanabhan, Honorary Secretary Dr. Shubakar Rao for the consistent support in all our endeavours and my co-conveners for being a pillar of strength forever. Earnest appreciation to all the members of IOS and MOSG for the unwavering support and encouragement.

The Department of Orthodontics and Dentofacial Orthopedics, Adhiparasakthi Dental College and Hospital, successfully celebrated World Orthodontic Health Day on 15th May 2026 with great enthusiasm and active participation from students and faculty members. The program commenced with a warm welcome address by Dr. Kathijathul Hidhaya, who welcomed the gathering and highlighted the importance of creating awareness regarding orthodontic health and facial esthetics.



Reported by Managing Editor , Dr. Akhil Agarwal

# World orthodontic health day



On the occasion of World Health Orthodontic day , Department of Orthodontics and Dentofacial Orthopaedics, GDCH Ahmedabad had organised BEAUTIFUL SMILE CONTEST, ONE LINE SLOGAN, REEL MAKING COMPETITION, PATIENT- DOCTOR SELFIE AND CREATIVE WIRE BENDING EXERCISE.



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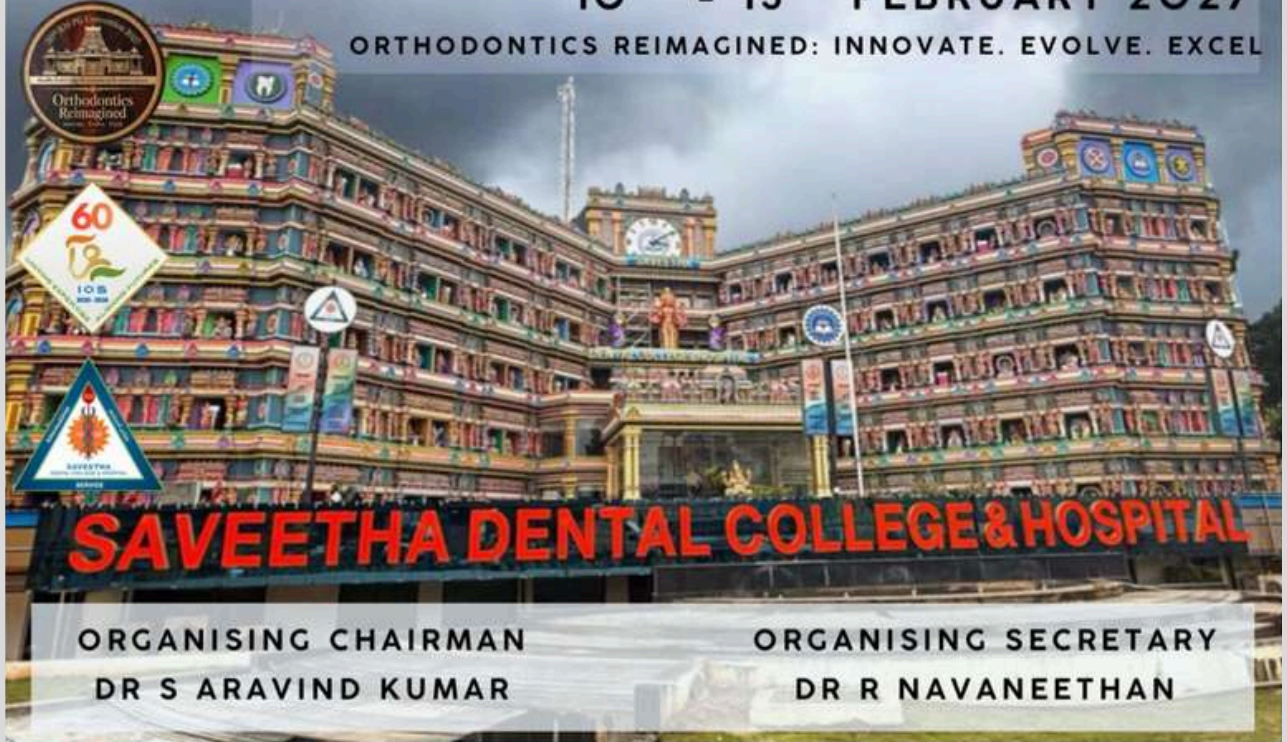
Orthodontist → ENT / Paediatrician



# 30<sup>TH</sup> IOS PG CONVENTION

10<sup>TH</sup> - 13<sup>TH</sup> FEBRUARY 2027

ORTHODONTICS REIMAGINED: INNOVATE. EVOLVE. EXCEL



**ORGANISING CHAIRMAN**  
**DR S ARAVIND KUMAR**

**ORGANISING SECRETARY**  
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# 60<sup>th</sup> Indian Orthodontic Conference **IOC 2026**

04<sup>th</sup> - 06<sup>th</sup> December 2026



*Second Announcement*  
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# Welcome Message



Dear Colleagues,

Warm greetings from the **60th Indian Orthodontic Conference (IOC 2026), New Delhi!** On behalf of the **Indian Orthodontic Society**, we are delighted to invite you to the **60th edition** of the Indian Orthodontic Conference, scheduled from **04th to 06th December 2026** at the prestigious **Bharat Mandapam, New Delhi**.

This landmark edition celebrates six decades of excellence in orthodontic science, education, and collaboration. The conference theme, **"Orthodontics - The Road Ahead: Rooted in Evidence, Reinvented by Intelligence"**, underscores our commitment to honouring strong clinical foundations while embracing the transformative power of technology, artificial intelligence, and data-driven innovation.

The conference will bring together eminent clinicians, academicians, researchers, and industry leaders from India and around the world. Participants can look forward to:

A rich scientific program with keynote lectures, panel discussions, and hands-on workshops

- ✓ **Cutting-edge sessions on AI in Orthodontics**
- ✓ **Evidence-based treatment protocols**
- ✓ **Interactive panel discussion every day**
- ✓ **Paper and poster presentations highlighting pioneering research**
- ✓ **A vibrant exhibition of the latest orthodontic technologies and innovations**
- ✓ **Valuable networking opportunities with peers, mentors, and global thought leaders**
- ✓ **Cultural evenings and celebrations commemorating the Society's 60-year legacy**

We warmly welcome you to **New Delhi—India's dynamic capital**, where timeless heritage meets modern vibrancy. With its iconic landmarks, cultural richness, world-class infrastructure, and cosmopolitan spirit, Delhi provides the perfect backdrop for meaningful learning, professional exchange, and memorable camaraderie.

We would be truly honoured by your presence at this milestone conference and look forward to sharing this remarkable journey with you.

Join us for **India's Premier Orthodontic Gathering**.

Sincere regards,



**DR. RAJIV AHLUWALIA**  
ORGANISING CHAIRMAN



**DR. RITU DUGGAL**  
ORGANISING CO CHAIRMAN



**DR. ASHISH GUPTA**  
ORGANISING SECRETARY

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ORTHODONTICS & AUTOTRANSPLANTATION  
MEDICAL UNIVERSITY OF WARSAW, POLAND



**PROF. GIORGIO IODICE**  
ADULT ORTHODONTICS & TADS  
UNIVERSITY OF NAPLES FEDERICO II,  
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BUDAPEST, HUNGARY | MILAN, ITALY



**PROF. MAURO COZZANI**  
DMD, MSCD,  
ORTHODONTIC SPECIALIST  
PRESIDENT ELECT 2028, EOS



**DR. WADDAH SABOUNI**  
DDS, MSC, ORTHODONTIC SPECIALIST  
FRANCE | GENEVA | UAE



**DR. RAVINDRA NANDA**  
BIOMECHANICS & ALIGNERS  
UNIVERSITY OF CONNECTICUT, USA



**DR. KI BEOM KIM**  
ALIGNERS, OSA & TADS  
SAINT LOUIS UNIVERSITY, USA



**DRA. ROCIO CASASOLA**,  
EXECUTIVE COMMITTEE, WFO  
PRESIDENT ACADEMICA  
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Regular: ₹14,000  
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Regular: ₹17,500  
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**Student Life Member**  
With Hospitality

**₹14,000**

Regular: ₹16,000  
INR Per Student



**Accompanying Person**  
With Hospitality

**₹14,500**

Regular: ₹16,500  
INR Per Person



**Accompanying Kid**  
With Hospitality

**₹8,500**

Regular: ₹10,000  
INR Per Child (5-12 years)  
\*Below 5 years - Complimentary



**International Delegates**  
With Hospitality

**\$600**

Regular: \$700  
USD Per Delegate



**International Accompanying**  
With Hospitality

**\$450**

Regular: \$550  
USD Per Person



**INAUGURAL DINNER ONLY**  
Non-Hospitality

**₹3,000**

INR Per Person



**GALA BANQUET ONLY**  
Non-Hospitality

**₹3,500**

INR Per Person



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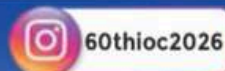


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**An ALIGNER PROVIDER MAY OR MAY NOT BE AN ORTHODONTIST**

Know the difference before you start treatment

**AN ORTHODONTIST DOES MORE THAN JUST GIVE ALIGNERS.**

They decide:

- IF ALIGNER TREATMENT CORRECT FOR YOU?
- PLAN YOUR TOOTH MOVEMENT
- MONITOR PROGRESS
- CAPABLE OF TROUBLE SHOOTING

This expert decision-making is what makes your treatment effective and safe.

**Aligners are the tools ORTHODONTISTS ARE THE EXPERTS.**

Check the qualification before treatment.

When in doubt always ask an **IOS Endorsed Orthodontist**

**PROVIDER VS ORTHODONTIST NOT THE SAME THING.**

**ALIGNER PROVIDER**

A provider is someone the brand has certified to offer their aligners.

**ORTHODONTIST**

An orthodontist is a dental specialist with 3+ years of university training in tooth movement, bite correction, jaw alignment, and growth.

TOOTH MOVEMENT
 BITE CORRECTION
 JAW ALIGNMENT
 GROWTH & DEVELOPMENT

Certification is not the same as SPECIALIZATION

# SHORTER SCAN TIME. SHORTER CHAIR TIME.

**HIGH SPEED AND ULTRA-PRECISION SCANNING.**

Irific™, Neural Hive's intra-oral scanner is one of the most accurate scanners on the market. It provides highly precise and fast digital impressions (around 20 µm deviation) in a minute, reducing chair-side time and eliminating messy impression trays.



**Produces  
high-resolution  
detailed and true  
colour images**



**Crisper visible  
margins with more  
precisely fitting  
prostheses**



**Validated for  
precision, Irific™  
is calibration-free**

**Get precise digital impressions for better fitting  
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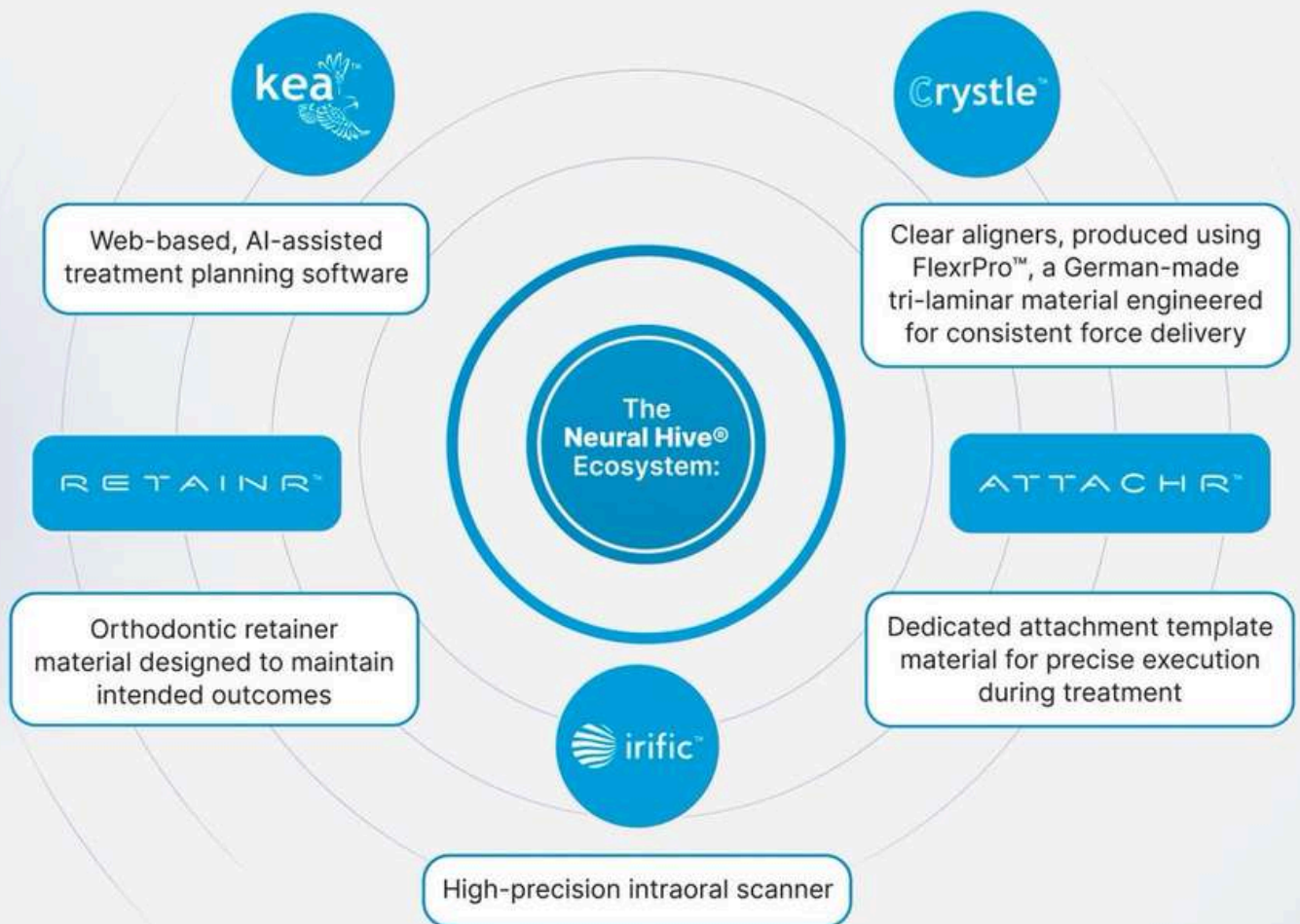
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# Aligned outcomes begin with an aligned workflow.

Modern clear aligner therapy demands more than isolated tools. It requires a coherent workflow where diagnosis, planning, and production speak the same language. Neural Hive® has designed a unified digital orthodontic ecosystem, with **Kea™** at its core, orchestrating treatment logic across every stage of care.



**One ecosystem. One planning framework.**



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