

# 29<sup>th</sup> IOS NATIONAL PG CONVENTION

## WORKSHOP

### *Hybrid Approach In Orthodontics : Integrating Digital Precision With Clinical Expertise*



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Bhubaneswar, Odisha

**DATE: 5<sup>TH</sup> FEB 2026**

**TIME: 9AM - 4PM**

# **HYBRID APPROACH IN ORTHODONTICS: INTEGRATING DIGITAL PRECISION WITH CLINICAL EXPERTISE**

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The rapid incorporation of digital technologies in orthodontics—such as intraoral scanning, AI-assisted treatment planning, and aligner-based mechanics—has transformed diagnosis and treatment planning. However, discrepancies often exist between virtual simulations and actual clinical outcomes. These differences underscore the continued importance of sound biomechanical principles, clinical judgment, and chairside execution.

This course aims to highlight a hybrid approach that integrates digital precision with clinical expertise. Emphasis is placed on accurate data acquisition, rational attachment placement, and strategic appliance modification to improve predictability and treatment efficiency. The program encourages clinicians to critically evaluate digital setups and implement evidence-based refinements to achieve biologically compatible and clinically successful orthodontic outcomes.

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## **LEARNING OBJECTIVES**

- Participants will be able to interpret digital records (intraoral scans, CBCT, digital setups) for evidence-based aligner planning.
- Participants will be able to think beyond the software critically evaluate digital workflows used in aligner diagnosis, setup, and treatment planning.
- Participants will learn to analyze force systems, attachments, and staging to achieve predictable tooth movement.
- Participants will be able differentiate about case selection to understand what are the good cases to start with.
- Participants will be able to apply fundamental biomechanical principles to digital aligner treatment planning.
- Participants will be able to learn how to reduce systematic troubleshooting protocols.
- Participants will be able to learn how to integrate hybrid approaches (fixed appliances, auxiliaries, TADs, elastics) with aligner therapy.
- Participants will learn how to apply clinician-driven refinements to achieve optimal occlusion, esthetics, and functional stability.
- Participants will be able to learn about the case selection and integration of lingual orthodontics in invisalign approach.
- Participants will be able to apply clinical judgement beyond AI driven set-ups.

# WORKSHOP SCHEDULE

Session	Topic
Lecture 1	Evolution of Digital Tools and Aligner Treatment Planning
Lecture 2	Case Selection and Biomechanical Principles in the Digital Orthodontic Era
<b>Tea Break</b>	
Lecture 3	Managing complex Aligner Cases: Troubleshooting and Hybrid Treatment Approaches
Lecture 4	Integrating Fixed and Orthopedic Appliances with Aligners: When and How?
<b>Lunch break</b>	
Demo on	Scanning Attachment placement - Video demonstration Aligners modification
<b>Tea Break</b>	

## REGISTRATION DETAILS

**Fee: ₹2,200/-**

Includes: Each delegate will be provided with workshop materials and certificates

## FOR QUERIES, CONTACT

Dr. Snigdha gowd , Chairman & CEO at Dr. Gowds dental hospital - 9849263906

**₹2,200/-**

**SCAN THE QR CODE OR USE BANK  
DETAILS TO PAY THE REGISTRATION FEE**



Account Name :	29th IOS PG CON 2026
Bank Name :	Indian Bank
Branch :	Indhrapuram
Current Account No :	7814488957
IFSC Code :	IDIB000I016

**AND FILL THE REGISTRATION DETAILS  
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