

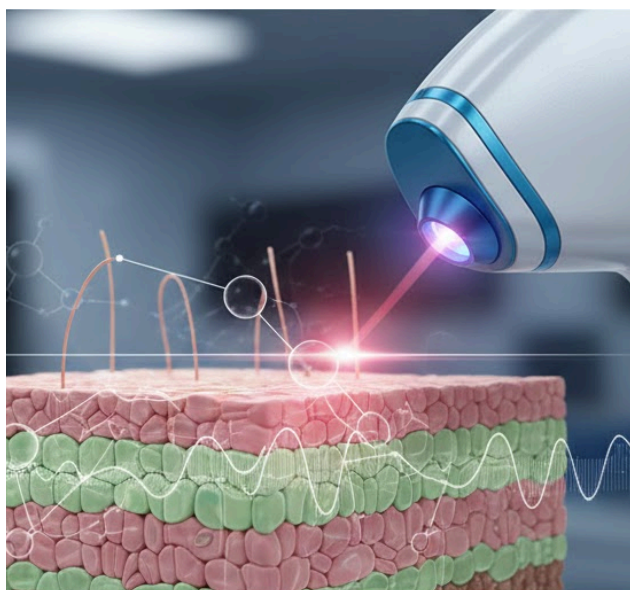
THE LASER TIMES

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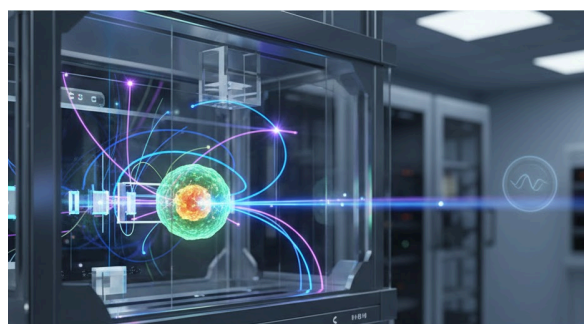
PHOTON FRIDAY ACADEMIC SERIES

**Where Science Meets Precision -
Learning Meets Light!**

The Photon Friday academic series for the 2026 Associate Fellowship cohort commenced this January with a thoughtfully curated sequence of foundational sessions led by distinguished mentors and faculty. Designed to bridge core laser science with clinical mastery, these sessions laid the intellectual and practical framework for a deeper understanding of photomedicine, tissue interaction, and precision-driven patient care.



ASSOCIATE FELLOWSHIP 2026 COHORT



**Session 1 – Basic Introduction to Lasers
and Photobiomodulation**

Speaker: Prof. Chandrashekar Yavagal

The series opened with an insightful session by our Lead Mentor, Prof. Chandrashekar Yavagal, who established the Fundamental principles of Laser Science and Photobiomodulation. Participants explored the biological basis of Light-tissue interaction, mechanisms of cellular response, and the evolving clinical relevance of photobiomodulation. The session provided a strong scientific foundation, guiding fellows toward a structured understanding of laser-assisted healing and therapeutic applications.

**“THE SESSION LAID A STRONG
SCIENTIFIC FOUNDATION FOR
EVIDENCE-BASED LASER PRACTICE”**

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HIGHLIGHTS

Session 2 – Photobiomodulation Therapy in Oral Medicine and Pathology

Speaker: Dr. P. Parameswar Naishadham

Dr. P. Parameswar Naishadham delivered a clinically focused session highlighting the integration of Photobiomodulation into Oral Medicine and Pathology. Emphasising Premalignant Oral Disorders and Oral Lesions, the session translated core Laser science into practical healing strategies. Fellows gained insights into evidence-based therapeutic approaches, demonstrating how Photobiomodulation can support tissue repair, modulate inflammation, and enhance clinical outcomes.



ADVANCED CLINICAL APPLICATIONS



Session 3 – Laser Physics, Safety and Tissue Interaction

Speaker: Dr. Jnanashree Bhat

A comprehensive exploration of Laser physics and safety protocols formed the focus of this session. Dr. Jnanashree Bhat provided detailed guidance on laser-tissue interaction dynamics, operational precautions, and essential clinical safety standards. The session reinforced the importance of precision, responsibility, and scientific understanding when integrating laser technology into everyday clinical practice.

“THE SESSIONS STRENGTHENED CLINICAL CONFIDENCE THROUGH SCIENCE-DRIVEN LASER APPLICATIONS AND SAFETY EXCELLENCE”

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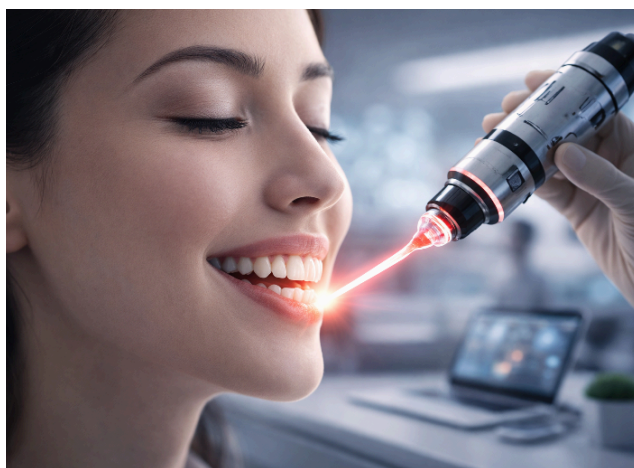
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HIGHLIGHTS

Session 4 – Lasers in Craniofacial Pain and Advanced Dosimetry

Speaker: Prof. Chandrashekar Yavagal

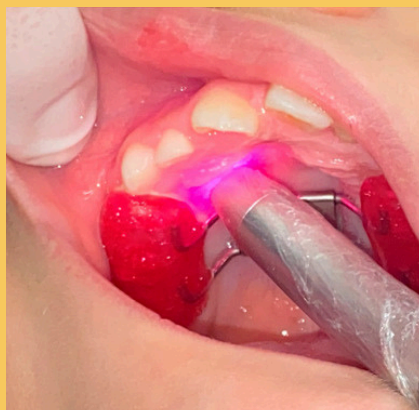
Prof. Chandrashekar Yavagal led an advanced discussion on dosimetry principles and their application in managing Craniofacial pain. The session explored parameter selection, treatment planning strategies, and optimizing therapeutic outcomes through precise dosing protocols.



ADVANCED DOSIMETRY & PAIN MANAGEMENT



Fellows were introduced to the nuances of advanced laser application, emphasising accuracy, predictability, and evidence-based clinical decision-making.



**“THE SESSION
EMPHASIZED
PRECISION-DRIVEN
PROTOCOLS FOR
PREDICTABLE CLINICAL
OUTCOMES”**

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LASER STAR OF THE MONTH



Dr. Mohini Daultani

- Periodontist and Implantologist
- Associate Fellowship in Laser Dentistry (WCLI), USA

DR MOHINI DAULTANI

Dr. Mohini Daultani is an experienced clinician with over 15 years of dental practice and 12 years of specialized expertise in laser dentistry. She is deeply passionate about laser surgery, particularly its surgical applications that enable painless, bloodless, and sutureless procedures with faster healing. Her go-to procedure is Full Mouth Laser-Assisted Curettage Surgery, which she performs using Novolase Gold Laser Equipment. Dr. Daultani strongly believes that lasers are not merely cutting tools but powerful healing instruments that elevate patient comfort and treatment outcomes.

Inspired by the transformative impact of laser technology, she envisions laser dentistry as an essential part of future dental care. Her key message emphasizes that modern dentistry demands high-quality, patient-friendly treatments—and laser technology perfectly fulfills these expectations while enhancing healing and comfort.



“LASER DENTISTRY TRANSFORMS CARE INTO A PAINLESS, HEALING-CENTERED EXPERIENCE WITH SUPERIOR PATIENT COMFORT AND OUTCOMES :DR. DAULTANI”

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LASER PRODUCT OF THE MONTH



ENABUILD™ LASER REMIN STRIPS

Calcium Sodium Phosphosilicate Remineralizing Strips are an innovative, non-invasive enamel repair solution designed for effective management of early carious lesions in primary teeth. These strips deliver bioactive sodium-calcium-phosphate particles directly to the enamel surface, enabling controlled and sustained release of calcium and phosphate ions.

On activation, they form a carbonate-enriched hydroxycarbonate apatite layer that closely resembles natural tooth mineral, promoting enamel remineralization and enhanced resistance to acid attack.

The strip-based delivery system ensures improved bioavailability, reduced salivary dilution, and uniform dosing, making it especially suitable for pediatric use, including uncooperative or apprehensive children under parental supervision.

ENABUILD™ offers a child-friendly, effective solution for safe and targeted enamel remineralization.

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LASER EVENT OF THE MONTH



Distinguished experts such as Dr. Walid Al Tayeb President Elect of ALD (Academy of Laser Dentistry, USA) and Industry leaders such as Majid J. Al Sabha from Jordan visited our stall, experienced the technology firsthand, and expressed great appreciation for the innovations.

AEEDC Dubai 2026 marked a significant milestone for Novolase — a powerful showcase of Technology, Collaboration, and Expanding Global recognition.

Novolase proudly presented its innovations at AEEDC Dubai 2026 as the Principal partner of Bharath Dental Show. Showcasing our latest advancements including Novolase Gold 2.0 and the New Whitening wonder - Misty Aster ProKIT ! we captured the attention of global leaders in laser dentistry.



“WITH A STRONG PRESENCE AT AEEDC DUBAI 2026, NOVOLASE CONTINUES TO ILLUMINATE THE FUTURE OF LASER DENTISTRY ON THE GLOBAL STAGE”

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LASER CASE OF THE MONTH



Digital impression records were obtained on the 5th day, as complete healing was achieved.

The patient received the prosthesis within 10 days of the second-stage surgery, attributed to the use of Novolase.

Laser Success Story

A 55-year-old patient presented with missing teeth from 33 to 43.

Bredent Implants were planned and placed at 33 and 43.

Second-stage surgery was carried out using **Novolase Gold** (Combo Coherence 650 + 810 nm) with an initiated tip until the cover screws were visible.

Once the cover screws were removed, gingival formers were placed at 33 and 43. After placement of the gingival formers,

Photobiomodulation was carried out at 0.5 watt to accelerate healing. The surgical site was not reflected due to the use of the Laser.

There was no bleeding, no sutures were placed, and no medications were prescribed to the patient.

The patient reported on the second day, stating that he experienced no pain and wondered if the surgery had actually been carried out.

“This case highlights the precision, comfort, and accelerated healing achievable with Novolase Gold”