

Dr. Jayati Mehta, MDS

- ✓ **Consultant – Pediatric Dentistry, FMS Dental Hospitals, Hyderabad**
- ✓ **Assistant Professor – Dept. of Pediatric & Preventive Dentistry, Sri Sai College of Dental Surgery, Vikarabad**

Executive Profile

Dr. Jayati Mehta is a dedicated Pediatric Dentist and academician with a strong focus on preventive, minimally invasive, and child-centric dental care. With a balanced career spanning clinical practice and teaching, she is committed to delivering high-quality dental care tailored to the unique needs of children, while actively contributing to dental education and research.

At FMS Dental Hospitals, she specializes in managing pediatric patients with a compassionate and behavior-oriented approach, ensuring a comfortable and positive dental experience. Her clinical expertise includes early intervention, preventive dentistry, and management of developing occlusion, with a growing emphasis on airway-focused dentistry and orofacial development.

As an Assistant Professor, she plays an active role in mentoring undergraduate and postgraduate students, fostering evidence-based clinical practice and academic excellence. She remains deeply engaged in continuous professional development, integrating modern advancements such as laser dentistry, sedation techniques, and orofacial myofunctional therapy into her practice.

Academic Qualifications

- ✓ **Master of Dental Surgery (MDS) – Pediatric & Preventive Dentistry**
Sharad Pawar Dental College & Hospital, Wardha (2019 – 2022)
- ✓ **Bachelor of Dental Surgery (BDS)**
Modern Dental College & Research Centre, Indore (2013 – 2019)

Professional Experience

- ✓ Assistant Professor, Sri Sai College of Dental Surgery (2023 – Present)
- ✓ Consultant Pediatric Dentist, FMS Dental Hospitals (2023 – Present)
- ✓ Pediatric Dentist across multiple clinical setups including exclusive pediatric practices and multidisciplinary clinics
- ✓ Experience in both institutional and private practice settings with diverse pediatric patient exposure

Core Clinical Expertise

Dr. Jayati's clinical focus centers around comprehensive pediatric dental care, including:

- ✓ Preventive pediatric dentistry and caries risk management
- ✓ Early childhood caries (ECC) management
- ✓ Pulp therapy in primary and young permanent teeth
- ✓ Interceptive orthodontics and developing occlusion guidance
- ✓ Space maintainers and pediatric appliance therapy
- ✓ Behavior management techniques for children
- ✓ Pediatric dental care for children with special healthcare needs
- ✓ Airway-focused dentistry and early functional intervention

Clinical Case Experience

Dr. Jayati has extensive experience in managing a wide range of pediatric dental conditions, including:

- ✓ Early childhood caries and full-mouth rehabilitation cases
- ✓ Restorative and pulp therapy procedures in children
- ✓ Appliance-based treatments such as myofunctional appliances, expanders, and space maintainers
- ✓ Behavior management in anxious and uncooperative pediatric patients
- ✓ Special care dentistry, including management of children with autism spectrum disorders
- ✓ Preventive and interceptive treatments for long-term oral health development

Her approach emphasizes creating a positive dental experience, ensuring long-term compliance and improved oral health outcomes in children.

Advanced Training & Continuing Education

Dr. Jayati actively pursues advanced training to stay at the forefront of pediatric dental care:

- ✓ Laser Dentistry Certification – Indian Dental Association
- ✓ Nitrous Oxide Inhalation Sedation (SAAPD Masterclass)
- ✓ Oral Sedation in Pediatric Dentistry (Advanced Workshop)
- ✓ Orofacial Myotherapy – Foundation for Orofacial Myotherapy
- ✓ Postural Orthodontics – Dr. Simon Wong
- ✓ Pediatric airway management, mouth breathing, snoring, and sleep apnea integration
- ✓ AI and digital tools in healthcare – IIT Hyderabad

She has also participated in numerous national and international conferences, including ISPPD, IAPD, and pediatric dentistry-focused symposiums, reflecting her strong commitment to continuous learning.

Workshops & Specialized Training

- ✓ Nitrous oxide sedation and behaviour management techniques
- ✓ Laser-assisted pediatric dental procedures

- ✓ Orofacial myofunctional therapy and functional rehabilitation
- ✓ Interdisciplinary paediatric care integrating ENT and airway management
- ✓ Advanced paediatric restorative and aesthetic techniques

Research & Publications

| S. No. | Title | Journal | Year | Study Type (if identifiable) |
|--------|--|--|------|------------------------------|
| 1 | Comparative evaluation of chronological age with dental and skeletal age estimation methods in children: an observational study | Statistical Research | 2020 | Observational study |
| 2 | Management of pandemic crisis: COVID-19 | International Journal of Research in Pharmaceutical Sciences | 2020 | Review/Overview |
| 3 | Management of missing primary anterior teeth using modified Groper's appliance in early childhood caries: A case report | DMIMS Journal of Dental Research | 2020 | Case report |
| 4 | Contemporary treatment modalities for the management of SARS-CoV-2 positive patients: An overview | International Journal of Research in Pharmaceutical Sciences | 2020 | Review |
| 5 | Comparative evaluation of cleaning efficiency and apical extrusion of debris using two pediatric rotary endodontic files: An in vitro study | International Journal of Clinical Pediatric Dentistry | 2021 | In vitro study |
| 6 | Pharmacological potentials of royal jelly in dentistry: A review | International Journal of Ayurvedic Medicine | 2021 | Review |
| 7 | Management of pain using anterior deprogrammer in temporomandibular disorder: A case report | International Journal of Pediatric Dentistry | 2021 | Case report |
| 8 | Comparison of effectiveness of diode laser with Er:YAG laser on fluoride uptake of enamel surface using acidic and neutral topical fluoride: An in vitro study | International Journal of Current Research and Review | 2021 | In vitro study |
| 9 | Air management techniques in dental office in post-COVID era: A literature review | Brazilian Dental Science | 2022 | Review |

| S. No. | Title | Journal | Year | Study Type (if identifiable) |
|--------|--|---|------|------------------------------|
| 10 | Knowledge, attitude, and compliance of infection control guidelines in a dental hospital during COVID-19 pandemic: A cross-sectional study | Journal of Datta Meghe Institute of Medical Sciences University | 2023 | Cross-sectional study |
| 11 | Evaluation of effect of e-learning on the curriculum during the COVID-19 era at a private dental college: A cross-sectional study | Journal of Datta Meghe Institute of Medical Sciences University | 2023 | Cross-sectional study |
| 12 | Comparative study to evaluate the effectiveness of different modes of oral health education aids in children with autism spectrum disorder | International Journal of Clinical Pediatric Dentistry | 2025 | Comparative study |
| 13 | Knowledge, attitude and practices among pediatric dental postgraduates and practicing pedodontists on sign language | Journal of Indian Society of Pedodontics and Preventive Dentistry | 2025 | Survey/Cross-sectional |

Professional Memberships

- ✓ Life Member – Foundation for Orofacial Myotherapy

Teaching & Mentorship

As an academician, Dr. Jayati is actively involved in:

- ✓ Teaching undergraduate dental students in pediatric dentistry
- ✓ Clinical supervision and hands-on training
- ✓ Mentoring postgraduate students in research and academic presentations
- ✓ Encouraging evidence-based and patient-centered clinical practice

Clinical Philosophy

Dr. Jayati believes that pediatric dentistry is not just about treating teeth, but about shaping a child's lifelong relationship with oral health. Her philosophy emphasizes:

- ✓ Prevention as the foundation of pediatric dental care
- ✓ Gentle, empathetic, and child-friendly treatment approaches
- ✓ Early diagnosis and intervention for optimal growth and development
- ✓ Integration of behavior management and minimally invasive techniques

- ✓ Focus on airway health, function, and long-term well-being

Professional & Community Contribution

- ✓ Active participation in pediatric dental awareness and preventive programs
- ✓ Advocacy for early dental visits and parental education
- ✓ Contribution to academic forums and continuous learning platforms
- ✓ Promoting interdisciplinary care in pediatric dentistry