

# Dr. Geethu Venugopalan, MDS

- ✓ **Senior Consultant – Periodontics, FMS Dental Hospitals**
- ✓ **Assistant Professor – Periodontics, Sri Sai College of Dental Surgery (SSCDS), Vikarabad**

## Executive Profile

Dr. Geethu Venugopalan is a highly accomplished Periodontist, Implantologist and Clinical Researcher with advanced expertise in periodontal surgery, implantology and laser-assisted dentistry. Known for her logical, detail-oriented clinical approach, she excels in managing complex periodontal conditions with precision and predictability.

Her clinical strengths lie in integrating cutting-edge surgical techniques, such as microsurgery, regenerative procedures, and laser protocols, with evidence-based treatment planning to deliver optimal functional and aesthetic outcomes. She is particularly recognized for her ability to seamlessly collaborate within multidisciplinary teams, ensuring comprehensive patient care.

Beyond clinical practice, Dr. Geethu is an active academician and researcher with significant contributions to scientific literature and innovation, including a published patent and international research collaborations. Her work reflects a strong commitment to advancing modern, evidence-based periodontal care.

## Academic Qualifications

- ✓ **Master of Dental Surgery (MDS) – Periodontology**  
A B Shetty Memorial Institute of Dental Sciences, Nitte (2021–2024)
- ✓ **Bachelor of Dental Surgery (BDS)**  
Educare Institute of Dental Sciences, KUHS (2013–2019)

## Honors & Achievements

- ✓ **University Topper (MDS Periodontology, 2024) – Nitte University**
- ✓ **David Steflik Memorial Student Research Grant – American Academy of Implant Dentistry (AAID)**
- ✓ **Published Patent – Intellectual Property India (RQ Filed: 202441058748)**

## Professional Experience

- ✓ **Consultant Periodontist & Implantologist**  
FMS International Dental Center
  - ✓ Provides advanced periodontal and implant care
  - ✓ Specializes in surgical and regenerative procedures for complex cases
  - ✓ Collaborates with multidisciplinary teams for comprehensive treatment planning

✓ **Senior Lecturer**

Department of Periodontics  
Sri Sai College of Dental Surgery (SSCDS), Vikarabad

- ✓ Actively involved in undergraduate and postgraduate teaching
- ✓ Conducts clinical training, seminars, and academic discussions
- ✓ Mentors students in diagnosis, treatment planning, and surgical execution

## **Core Clinical Expertise**

Dr. Geethu's clinical focus includes advanced periodontal and implant procedures:

- ✓ Periodontal aesthetic surgical procedures
- ✓ Soft tissue management and periodontal microsurgery
- ✓ Laser-assisted periodontal therapy (including LANAP protocols)
- ✓ Depigmentation and aesthetic gum correction
- ✓ Guided bone regeneration and implant placement
- ✓ Management of peri-implant diseases
- ✓ Advanced regenerative procedures using grafts, PRF, and biomaterials

## **Clinical Experience**

Dr. Geethu has extensive experience in managing a wide spectrum of periodontal cases, including:

- ✓ Scaling and root planing (SRP) and maintenance therapy
- ✓ Flap surgeries and crown lengthening procedures
- ✓ Regenerative periodontal procedures (bone grafts and membranes)
- ✓ Laser-assisted hard and soft tissue treatments
- ✓ Aesthetic periodontal surgeries for smile enhancement
- ✓ Long-term supportive periodontal care and implant maintenance

## **Advanced Training & Continuing Education**

Dr. Geethu actively pursues advanced training to stay at the forefront of periodontal innovation:

- ✓ Periodontal Microsurgery Training – Nitte University
- ✓ Advanced CBCT Diagnostics
- ✓ Antimicrobial Stewardship – Stanford University School of Medicine
- ✓ WHO Training – NOMA (Neglected Tropical Diseases)
- ✓ Laser Dentistry – BioLase & Nitte University
- ✓ Sinus Grafting & Free Gingival Grafts
- ✓ Clinical Practice Guidelines for Peri-implant Disease Management
- ✓ Novel Biomaterials in Periodontology

## **Research & Publications**

Dr. Geethu has an extensive research portfolio with publications in reputed international journals, including:

S. No.	Title	Journal
1	Clinical insights into dental care for siblings with Jamuar syndrome: a rare genetic dual case report	European Archives of Paediatric Dentistry
2	Unusual Oral Manifestation of Kindlers Syndrome: A case report and review of Literature	Frontiers in Oral Health
3	Influence of titanium nanoparticles on cytotoxicity and inflammatory cytokines expression in gingival fibroblasts - An in vitro study	F1000 Research
4	Gingival hyperplasia and conjunctival inflammatory nodule: a diagnostic pathway to sarcoidosis?	Sarcoidosis, Vasculitis, and Diffuse Lung Diseases
5	The impact of unmet treatment need on oral health related quality of life: a questionnaire survey	BMC Oral Health
6	The impact of unmet treatment need on oral health related quality of life: a questionnaire survey	Microorganisms (MDPI)
7	Evidence-Based Periodontology: An Update on the Management of Periodontal Diseases	Journal of Contemporary Medicine and Dentistry
8	An Interrelation between the Width of Attached Gingiva, Vestibular Depth and its Impact on Dental Hygiene Care	Journal of Health and Allied Sciences NU
9	Evaluation of Treatment with Omega-3 Fatty Acid Supplements on Salivary Levels of Resolvin E1 in Chronic Periodontitis Patients	Journal of Health and Allied Sciences NU

Her research interests include periodontal regeneration, biomaterials, systemic links to oral health and patient-centered outcomes in periodontal therapy.

### Professional Memberships

- ✓ American Academy of Implant Dentistry (AAID)
- ✓ Indian Society of Periodontology (ISP)

### Teaching & Mentorship

- ✓ Actively involved in undergraduate and postgraduate clinical training
- ✓ Mentors postgraduate research and thesis work in Periodontics
- ✓ Conducts seminars, journal clubs, and case-based discussions
- ✓ Participates in national and international academic forums

### Clinical Philosophy

Dr. Geethu believes that successful periodontal care is built on precision, regeneration, and long-term maintenance. Her approach emphasizes:

- ✓ Early diagnosis and prevention of periodontal disease
- ✓ Minimally invasive and microsurgical techniques
- ✓ Integration of laser technology for enhanced healing
- ✓ Evidence-based protocols for predictable outcomes
- ✓ Patient-centered care focused on comfort, aesthetics, and longevity

## **Consultation**

Patients seeking expert care in gum health, laser periodontal therapy, implant procedures, and aesthetic gum treatments can consult Dr. Geethu at FMS International Dental Center, Jubilee Hills, Hyderabad.