

Dr. Sustarwar Prerana, MDS

- ✓ **Consultant – Periodontology & Oral Implantology, FMS Dental Hospitals, Hyderabad**
- ✓ **Senior Lecturer, Dept. of Periodontics, Sri Sai College of Dental Surgery, Vikarabad**

Executive Profile

Dr. Sustarwar Prerana is a dynamic Periodontist, academician and researcher with specialized expertise in advanced periodontal therapy and implantology. With a strong foundation in evidence-based clinical practice and a growing portfolio of scientific research, she is committed to delivering precise, minimally invasive, and outcome-driven periodontal care.

At FMS Dental Hospitals, she focuses on comprehensive periodontal management, including regenerative procedures, laser-assisted therapies, and implant-related treatments. Her clinical approach integrates modern technology with meticulous surgical execution to achieve long-term functional stability and aesthetic excellence.

As a Senior Lecturer at Sri Sai College of Dental Surgery, she actively contributes to dental education, mentoring students and fostering a research-oriented academic environment. Her professional journey reflects a strong inclination toward continuous learning, innovation, and advancement in regenerative periodontology.

Academic Qualifications

- ✓ **Master of Dental Surgery (MDS) – Periodontology & Oral Implantology**
College of Dental Sciences, Davangere (2021 – 2024)
- ✓ **Bachelor of Dental Surgery (BDS)**
S.B. Patil Institute for Dental Sciences & Research, Bidar (2019)

Professional Experience

- ✓ Senior Lecturer, Sri Sai College of Dental Surgery (Current)
- ✓ Consultant Periodontist, FMS Dental Hospitals (Current)

Core Clinical Expertise

Dr. Prerana's clinical practice encompasses advanced periodontal and implant therapies, including:

- ✓ Periodontal flap surgeries, gingivectomy, frenectomy, and operculectomy
- ✓ Regenerative procedures including socket preservation and ridge augmentation
- ✓ Bone grafting and autologous bone harvesting techniques
- ✓ Periodontal plastic surgery and aesthetic soft tissue management
- ✓ Laser-assisted periodontal therapy (LANAP and diode laser procedures)
- ✓ Implant placement and peri-implant disease management

- ✓ CBCT-based diagnosis and treatment planning

Clinical Case Experience

Dr. Prerana has extensive hands-on experience in managing diverse periodontal cases, including:

- ✓ Gingival depigmentation and aesthetic crown lengthening procedures
- ✓ Soft tissue augmentation and root coverage surgeries
- ✓ Splinting procedures using natural and prosthetic techniques
- ✓ Incision and drainage of abscesses and biopsy procedures
- ✓ Pre-prosthetic surgical preparation and restorative support procedures
- ✓ Comprehensive periodontal therapy including scaling, root planing, and surgical interventions

Her clinical approach emphasizes precision, tissue preservation, and long-term periodontal stability.

Advanced Training & Continuing Education

Dr. Prerana actively engages in continuous professional development, with training in:

- ✓ Implantology and advanced surgical techniques
- ✓ Ridge split procedures and bone harvesting
- ✓ CBCT imaging and digital diagnostics
- ✓ Laser dentistry applications in periodontology
- ✓ Basic Life Support (BLS) and medical emergency management
- ✓ Ethical and legal considerations in dental practice
- ✓ Evidence-based dentistry and applied clinical research
- ✓ Behavioral sciences and patient communication in dental care

Research & Publications

Dr. Prerana has made significant contributions to periodontal research with multiple publications and ongoing studies.

Published Research

S. No.	Title	Journal	Year	Volume/Issue
1	Assessment of knowledge, attitude, and behavior of BDS students towards periodontics (Periodontics – A fading specialty!!??)	IJSDR	June 2024	Vol 9, Issue 6

S. No.	Title	Journal	Year	Volume/Issue
2	Alveolar ridge augmentation using L-PRF block – A case report	IJSDR	Dec 2024	Vol 9, Issue 12
3	Porphyromonas gingivalis – The red complex of the phylum Bacteroidota (Review)	IJSDR	Jan 2025	Vol 10, Issue 2
4	Evaluation of melatonin gel as local drug delivery system for the treatment of periodontitis (A split-mouth randomized controlled study)	BMC (BioMed Central)		
5	Comparative evaluation of gingival depigmentation using diode laser with and without topical vitamin C application: A 6-month follow-up clinical study	IJMSTR	March – April 2026	Vol 9, Issue 1

Dissertation & Research Work

- ✓ Comparative evaluation of suture materials with and without cranberry coating in periodontal surgery
- ✓ Library dissertation on *Porphyromonas gingivalis*
- ✓ Study on Albumin PRF as an alternative regenerative approach

Her research interests include regenerative periodontology, biomaterials, laser applications, and microbiological aspects of periodontal disease.

Professional Memberships

- ✓ Life Member – Indian Society of Periodontology (ISP)

Teaching & Mentorship

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

- ✓ Delivering lectures and clinical demonstrations for undergraduate students
- ✓ Training interns and postgraduate students in periodontal procedures

- ✓ Supervising clinical work including scaling, root planing, and surgical cases
- ✓ Promoting evidence-based clinical practices and research engagement

Clinical Philosophy

Dr. Prerana believes that successful periodontal care lies in early diagnosis, precision-driven treatment, and long-term maintenance. Her philosophy emphasizes:

- ✓ Minimally invasive and patient-centric treatment approaches
- ✓ Integration of regenerative techniques for tissue preservation
- ✓ Use of advanced technology for accurate diagnosis and planning
- ✓ Evidence-based decision-making in clinical practice
- ✓ Focus on long-term periodontal health and esthetic outcomes

Professional & Academic Contribution

- ✓ Active participation in academic and clinical research initiatives
- ✓ Contribution to periodontal education and student development
- ✓ Engagement in workshops, conferences, and interdisciplinary learning
- ✓ Advocacy for modern, research-driven periodontal practice