

Dr. Trina Mukherjee, MDS

- ✓ **Senior Consultant – Endodontics & Restorative Dentistry, FMS Dental**
- ✓ **Assistant Professor – Conservative Dentistry & Endodontics, Sri Sai College of Dental Surgery (SSCDS), Vikarabad**

Executive Profile

Dr. Trina Mukherjee is a dedicated and patient-focused Endodontist with specialized training in Conservative Dentistry and Endodontics. She combines clinical precision with a strong emphasis on patient communication, ensuring that every treatment is delivered with clarity, comfort and confidence.

Her expertise lies in advanced root canal therapy, aesthetic and cosmetic dentistry, and comprehensive restorative care. Dr. Trina is skilled in managing a wide range of clinical scenarios, from routine restorative procedures to complex endodontic cases, while integrating modern techniques and digital diagnostic tools for enhanced accuracy and outcomes.

In addition to her clinical capabilities, she is actively involved in academic teaching and research, with multiple publications in reputed journals. Her ability to communicate complex concepts effectively makes her a valued educator and mentor in dental training environments.

Academic Qualifications

- ✓ **Master of Dental Surgery (MDS)** – Conservative Dentistry & Endodontics
Vinoba Bhave University (2024)
- ✓ **Bachelor of Dental Surgery (BDS)**
Rajiv Gandhi University (2019)

Professional Experience

- ✓ **Senior Lecturer**
Sri Sai College of Dental Surgery, Vikarabad
 - ✓ Engaged in undergraduate teaching through lectures, seminars, and clinical demonstrations
 - ✓ Conducts case presentations, journal clubs, and academic discussions
 - ✓ Guides students in diagnosis, treatment planning, and clinical execution

Core Clinical Expertise

Dr. Trina's clinical focus includes comprehensive endodontic and restorative dentistry:

- ✓ Advanced root canal therapy and endodontic management
- ✓ Aesthetic and cosmetic dentistry, including veneers and smile enhancement

- ✓ Crown and bridge work, including ceramic restorations
- ✓ Preventive and restorative procedures
- ✓ Oral prophylaxis and general dental care
- ✓ Diagnosis and treatment planning for full oral rehabilitation
- ✓ Patient-centered pain management and minimally invasive techniques

Clinical Experience

Dr. Trina has managed a diverse range of clinical cases, including:

- ✓ Routine and advanced endodontic procedures
- ✓ Aesthetic restorative cases, including veneers and anterior restorations
- ✓ Preventive and general dental treatments
- ✓ Multidisciplinary treatment planning for comprehensive care
- ✓ Use of digital imaging and diagnostic tools for precise treatment execution

Research & Publications

Dr. Trina has an active academic and research portfolio with multiple publications:

S. No.	Journal Name	Title	Month & Year
1	Journal of Pharmacy and Bioallied Sciences	To evaluate the efficacy of Sonic, Ultrasonic and manual Irrigation using Side Vented Needle for removal of Metapex using different irrigating solutions	November 2024
2	Journal of Pharmacy and Bioallied Sciences	Comparative evaluation of microleakage and compressive strength of different restorative materials – an in vitro study	November 2024
3	European Chemical Bulletin	Management of fluorosed teeth using ceramic veneers	April 2023
4	Journal of Neuroquantology	An insight into basics of Regenerative Endodontics	November 2022
5	International Journal of Special Education	Biomimetics in ultraconservative treatment for crack tooth (original research)	2022

Her research reflects a strong focus on clinical innovation, restorative materials, and advanced endodontic techniques.

Advanced Training & Continuing Education

Dr. Trina actively participates in professional development and academic forums:

- ✓ Scientific presentations at IACDE National Conference and PG Conventions
- ✓ Research presentations on irrigation protocols and regenerative endodontics

- ✓ Participation in national-level conferences focusing on emerging dental technologies, including AI in dentistry

Professional Memberships

- ✓ Indian Association of Conservative Dentistry and Endodontics (IACDE)
- ✓ Indian Endodontic Society
- ✓ Indian Dental Association (Jharkhand & Dhanbad branches)

Teaching & Mentorship

- ✓ Conducts undergraduate lectures, seminars, and case-based discussions
- ✓ Actively involved in journal clubs and academic training programs
- ✓ Mentors students in evidence-based dentistry and clinical decision-making

Clinical Philosophy

Dr. Trina believes that successful dental care is built on precision, communication, and patient trust. Her approach emphasizes:

- ✓ Thorough diagnosis and individualized treatment planning
- ✓ Minimally invasive and patient-friendly procedures
- ✓ Integration of modern technologies for improved accuracy
- ✓ Evidence-based clinical practice
- ✓ Clear communication to enhance patient understanding and comfort