



# Sunaina Shetty Yadadi

BDS, MDS, PhD, MFDS RCPS (Glasg)

Assistant Professor  
College of Dental Medicine  
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## CURRENT POSITIONS

**Assistant Professor** - College of Dental Medicine, University of Sharjah, UAE since 01/09/2021

**Specialist (Periodontics)** - University Dental Hospital, Sharjah since 08/04/2020. MOH- D59678

**Chairman – IT Committee** - College of Dental Medicine, University of Sharjah, UAE since 01/10/2021

## PROFESSIONAL EDUCATION

**Bachelor of Dental Surgery** December 2007

Rajiv Gandhi University of Health Sciences, Bangalore, India  
Reg. No. 21582 A

**Master of Dental Surgery (Periodontology)** May 2012

Nitte University, Mangalore, India  
Reg. No. NU09DPER05

**PhD (Periodontology)** August 2018

Pacific Academy of Higher Education & Research University, Udaipur, India  
Reg. No. PU14-5739

## LICENSE

**DHA – 77222915 MOH - D59678**

## PROFESSIONAL CERTIFICATIONS

**Certified Implantology Course** January 2018

By American Academy of Implant Dentistry (AAID) – Maxicourse  
Registration ID: MaxiCourseNA/19

**Post graduate program in Artificial Intelligence for leaders** June 2021

By Texas McCombs  
The University of Texas at Austin

## MEMBERSHIP

**American Academy of Implant Dentistry**  
**Royal College Physicians & Surgeons (Glasgow)** PID No. 147833  
**Indian Society of Periodontology**  
**Indian Dental Association**

## International Congress of Oral Implantologists & Association of Dental Implant Auxiliaries

### INTERNAL GRANTS

**1.Title:** The fimA genotype variants of Porphyromonas gingivalis amongst the UAE population in periodontal health and disease- A case control study.

**Funding Amount:** AED 36,000, **Funding Agency:** University of Sharjah, **Role:** Principal Investigator, **Duration:** 2 years

**Funding type:** Seed grant, **Status:** Awarded.

**2.** Antimicrobial efficacy and biocompatibility of green synthesized silver and copper oxide nanoparticles capped with Barleria prionitis on oral pathogens.

**Funding Amount:** AED 95,000, **Funding Agency:** University of Sharjah, **Role:** Principal Investigator, **Duration:** 2.5 years

**Funding type:** Competitive grant, **Status:** Awarded.

**3.** Effects of Ramadan intermittent fasting on patients with gingivitis and periodontitis: A prospective cohort study using inflammatory, microbiomic, and metabolomics markers.

**Funding Amount:** AED 120,000, **Funding Agency:** University of Sharjah, **Role:** Co- Investigator, **Duration:** 2.5 years

**Funding type:** Competitive grant, **Status:** Awarded.

**4.** Evaluation of salivary interleukins in periodontitis and type 2 diabetes.

**Funding Amount:** AED 40,000, **Funding Agency:** University of Sharjah, **Role:** C- Investigator, **Duration:** 2.5 years

**Funding type:** Seed grant, **Status:** Awarded.

### EXTERNAL GRANTS

**1.Title:** Microscan Evaluation of Bacterial Contamination of the Manual Case History Files and Electronic Devices Used by Students During Dental Treatment.

**Funding Amount:** AED 45,000, **Funding Agency:** Ajman University  
**Collaborators:** Ajman University

**Role:** Co-Investigator, **Duration:** 2 years

**Funding type:** External grant, **Status:** Awarded.

**2.** Synthesis of innovative mineral trioxide aggregate (MTA) with silk proteins : Biophysical characterization and antimicrobial efficacy on oral pathogens.

**Funding Amount:** AED 20,000, **Funding Agency:** Ajman University  
**Collaborators:** Ajman University

**Role:** Co-Investigator, **Duration:** 2 years

**Funding type:** External grant, **Status:** Awarded.

### AWARDS

**2nd Rank** in Periodontics during the Exams conducted in April 2012 by Nitte University, Mangalore.

**Awarded Best Article** –JSPIK 2010-11 by Society of Periodontists and Implantologists of Kerala for the article titled “Correlation between obesity, diabetes mellitus and periodontal disease in adults- A clinical and biochemical study.”

**Competitive Research Winner** in the 2nd Forum for Women in Research- University of Sharjah 2021.

**Title:** Antibacterial and Antibiofilm Efficacy of Innovative Copper-Doped Bioactive Phosphate Glass on Oral Microorganisms.

**Prize Amount:** AED 10,000

**TEACHING  
EXPERIENCE**

- Sr. Lecturer** Chhattisgarh Dental College & Research Institute, Rajnandgaon, India **(07.05.2012 to 06.05.2016)**  
*Involved in teaching undergraduates in the Department of Periodontics & Implantology.*
- Reader** Chhattisgarh Dental College & Research Institute, Rajnandgaon, India **(07.05.2016 to 31.03.2017)**  
*Involved in teaching undergraduates and postgraduates in the Department of Periodontics & Implantology.*
- Reader** Maitri College of Dentistry and Research Centre, Anjora, Durg, India **(01.04.2017 to 20.05.2019)**  
*Involved in teaching undergraduates and postgraduates in the Department of Periodontics & Implantology.*
- Adjunct Faculty** College of Dentistry, Ajman University, Ajman, UAE **(08.09.2019 to 03.03.2020)**  
*Involved in teaching and training the undergraduates in the Department of Surgical Sciences.*
- Adjunct Faculty** College of Dental Medicine, University of Sharjah, UAE **(10.09.2019 to 04.10.2020)**  
*Involved in training the undergraduates in the Department of Preventive and Restorative Dentistry*
- Visiting Asst. Professor** College of Dental Medicine, University of Sharjah, UAE **(05.10.2020 to 31.08.2021)**  
*Involved in training the undergraduates in the Department of Preventive and Restorative Dentistry*
- Asst. Professor** College of Dental Medicine, University of Sharjah, UAE **(01.09.2020 to till date)**  
*Involved in training the undergraduates and postgraduates in the Department of Preventive and Restorative Dentistry*

**CLINICAL  
EXPERIENCE**

- Specialist** United Hospital, Rajnandgaon, India. **(01.06.2012 to 20.05.2019)**
- Specialist** Dentamax Medical Center, Dubai, UAE. **(27.05.2019 to 26.05.2020)**
- Specialist** University Dental Hospital, Sharjah, UAE **(08.04.2020 to present)**

**CLINICAL  
SKILLS**

**Placement of implants and implant related procedures.**  
**Peridental flap surgeries and regenerative procedures**  
**Flap surgeries with bone grafting, curettage etc.**

**Perio- plastic surgeries**  
**Gingivectomy and gingivoplasty,**  
**Lasers in periodontal therapy.**

**PUBLICATIONS**

1. Shetty RM, Rath S, Shetty S. 'Riga Fede Disease (Neonatal sublingual traumatic ulceration): A case report. Chhattisgarh Journal of Dental Research 2010; 2(1): 22-24.
2. Shetty RM, Rath S, Iyer V, Shetty S. Central plexiform ameloblastoma with exophytic growth: A rare case report with review of literature. Annals and Essences of Dentistry 2010; 2(2): 106-111.
3. Shetty RM, Shetty S, Daga N. Phenytoin Induced Gingival Overgrowth (PIGO): A Non-Surgical Approach. Dental Ocean 2010; 1(2):39-42.
4. Mangalekar SB, Shetty S, Shetty R, Amirishetty R. Free gingival autograft - A case report. Chhattisgarh Journal of Dental Research 2010; 2(1): 25-26.
5. Shetty RM, Shetty S, Sachin BM, Amirishetty R, Agrawal A. Comparative Study to Evaluate the Effect of Chewing Stick and Toothbrush on Oral Hygiene and Periodontal Status among Indian Population. Int J of Public Health Dentistry 2010; 1(1): 5-10.
6. Shetty RM, Ramprasad V, Kalra A, Goyal S, Shetty S, Deoghare A. Cysticercosis Cellulosae in labial mucosa. Journal of Indian Academy of Oral medicine & Radiology 2010; 22(4): S48-50.
7. Thomas B, Shetty S, Kumari S. Correlation between obesity, diabetes mellitus and periodontal disease in adults- A clinical and biochemical study. JSPIK 2010;4(1):35-38.
8. Thomas B, Shetty S, Vasudeva A, Shetty V. Comparative evaluation of antimicrobial activity of triphala and commercially available toothpastes: An in-vitro study. Int J of Public Health Dentistry 2011; 29(1); 8-12.
9. Shetty RM, Prasad P, Shetty S, Patil V, Ramprasad V, Deoghare A. SHED (Stem cells from human exfoliated deciduous teeth): A new source of stem cells in dentistry. Chhattisgarh Journal of Health Sciences. 2013; 1(1):66-69.
10. Shetty RM, Halawar S, Reddy H, Rath R, Shetty S, Deoghare A. Complex Odontome associated with Maxillary Impacted Permanent Central Incisor: A Case Report. Int J Clin Pediatr Dent. 2013; 6(1): 58–61.
11. Thomas B, Shetty Y. Comparative evaluation of vitamin C levels in serum of patients with periodontitis, with and without diabetes mellitus-A clinic-biochemical study. Kerala State Dental Journal 2012; (35)1:135-138.
12. Shetty S, Thomas B, Shetty V, Bhandary R, Shetty RM. An in-vitro evaluation of the efficacy of garlic extract as an antimicrobial agent on periodontal pathogens: A microbiological study.. AYU. 2013; 34(4):445-51.
13. Shetty S. Quorum sensing and quorum quenching: facebook of microbial world. Int J of Sci Res 2014: 3(2): 423-426.
14. Pandey B, Vidya M, Shruthilaxmi MK, Bhanot S, Shetty S. An epidemiological study tobacco related oral habits and associated lesions of oral cavity among beedi workers inn Mangalore city. Int. J of Women Dentist 2014; 1(1):9-13.
15. Nasha A, Zade RM, Ramesh A, Shetty S, Boddun M. Management of phenytoin induce gingival enlargement-A case report. Int J of Medical and Dental research 2014;1(4):64-67.
16. Thakur P, Narang S, Mangalekar SB, Shetty S, Pariha A. A Combined Interdisciplinary Expertise for the Treatment of Patients with Worn-out Dentition: Report of Two Cases. Journal of Health Sciences & Research 2015;6(2):47-51
17. Chaudri P, Pillai A, Zadfe RM, Shetty S. Gingival Veener: A novel technique of

- masking gingival recession. *J of Clinical and Diagnostic Research* 2015; 9(1): ZD12-ZD14.
18. Krishna MK, Pathivada L, Vivekanandan G, Shetty S. Surgical management of a severe case of gingival fibromatosis. *Oral Health and Dental Management* 2016; 15(6):349-351.
  19. Shetty S, Vivekanandan G, Patil S, Mangalekar SB. Psidium Guajava: A potential adjunct in the management of periodontal diseases – A review. *International Journal of Innovations in Dental Sciences* 2017; 1(2): 5-14.
  20. Shetty RM, Sarda S, Shetty SY. "Foramen Caecum - The polyseme...!!!" in *Journal of Morphology and Anatomy*. 2018, 2: 115.
  21. Shetty YS, Shankarapillai R, Vivekanandan G, Shetty RM, Reddy CS, Reddy H, Mangalekar SB. Evaluation of the Efficacy of Guava Extract as an Antimicrobial Agent on Periodontal Pathogens. *J Contemp Dent Pract* 2018; 19(6):690-697.
  22. Hanumanta S, Shetty RM, Khandelwal O, Rath S, Shetty SY, Diwan R. Acquisition of *Streptococcus mutans* and dental caries experience in paediatric sickle cell anaemia patients under various prophylactic therapies. *Eur Arch Paediatr Dent*. 2019 Jan 14. doi: 10.1007/s40368-019-00415-x.
  23. Shetty RM, Daga P, Reddy H, Shetty SY, Lakade LS, Shetty SR, Vannala V, Reddy MS. A newly proposed regression equation for mixed dentition analysis using the sum of the width of permanent mandibular central incisors and permanent mandibular first molars as a predictor of width of unerupted canine and premolars. *Pesquisa Brasileira em Odontopediatria e Clinica Integrada* 2019, 19(1):e4643.
  24. Sarda R, Shetty RM, Tamrakar A, Shetty SY. Antimicrobial efficacy of photodynamic therapy, diode laser and sodium hypochlorite and their combinations on endodontic pathogens. *Photodiagnosis Photodyn Ther*. 2019 Oct 1. pii: S1572-1000(19)30297-2. doi: 10.1016/j.pdpdt.2019.09.009
  25. Pashine A, Shetty RM, Shetty SY, Gadekar T. Craniofacial and occlusal features of children with sickle cell disease compared to normal standards. A clinical and radiographic study of 50 paediatric patients. *Eur Arch Paediatr Dent*. 2019 Oct 17. doi: 10.1007/s40368-019-00484-y
  26. Shetty SR, Shetty RM, Halkai R, Shetty SY. Application of E-learning in Dental Radiology Education at undergraduate level –a Systematic Review. *Braz Dent Sci* 2019 Oct;22(4):434-442.
  27. Shetty S, Shetty RM, Rahman B, Desai V. Efficacy of *Psidium guajava* and *Allium sativum* extracts as Efficacy of *Psidium guajava* and *Allium sativum* extracts as antimicrobial agents against periodontal pathogens. *J Pharm Bioall Sci* 2020; 12:S589-94.
  28. Shetty SR, Bayatti SW, Shetty RM, Halkai R, **Shetty S**, Guddadarangiah ST, Halkai K, Hassan SM. Three-Dimensional Imaging of Stafne Bone Cavity Proximal to the Mandibular Canal A Case Report. *Journal of International Dental and Medical Research*. 2020. ISSN 1309-100X 3D imaging of Stafne Bone Cavity <http://www.ijdmr.com>
  29. **Shetty S**, Shetty RM, Rahman B, Desai V. Efficacy of *Psidium guajava* and *Allium sativum* extracts as Efficacy of *Psidium guajava* and *Allium sativum* extracts as antimicrobial agents against periodontal pathogens. *Journal of Pharmacy and Bioallied Sciences*. 2020. doi: [10.4103/jpbs.JPBS\\_206\\_20](https://doi.org/10.4103/jpbs.JPBS_206_20)
  30. Shetty S, Shetty RM, Rahman B, Reddy S, Shetty SR, Vannala V, Desai V. Comparison of time kill assay to evaluate the antimicrobial efficacy of garlic (*allium sativum*) and guava (*psidium guajava*) extracts on periodontal pathogens. *Contemporary Clinical Dentistry*. 2021. DOI: 10.4103/ccd.ccd\_731\_20
  31. Halkai RS, Halkai KR, Shetty SR, Shetty RM, **Shetty S**, Prasad P. An in vitro evaluation of cytotoxicity of fungal derived nanosilver particle endodontic irrigant

- on human periodontal ligament fibroblast cells. Saudi Endodontic Journal 2021
32. Shetty SR, Al-Bayatti SW, Al Kawas S, Al-Rawi NH, Kamath V, Shetty R, Shetty S, Desai V, David L. A study on the association between the inferior nasal turbinate volume and the maxillary sinus mucosal lining using cone beam tomography. Heliyon 2022.
  33. A novel endodontic extractor needle for separated instrument retrieval: A new patent technology. Al Shehadat S, Murray AC, Yadadi SS. Advances in Biomedical and Health sciences. 2022
  34. Evaluation of clinical efficacy of Herbal (0.5% Green tea, Aloe vera) and 0.2% Chlorhexidine Mouth washes in the treatment of plaque induced gingivitis. A Randomized Controlled Clinical Trial. International journal of dental hygiene. 2022
  35. Comparison of clinical outcomes of non-surgical adjunctive use of the 980nm laser to conventional periodontal flap procedure – a randomised controlled split mouth clinical trial. Laser in medical sciences. 2022.

### **Accepted**

36. Shetty SR, Reddy S, Shetty RM, Halkai R, **Shetty S**, Halkai K. Machine learning in maxillofacial radiology- A review. **Accepted** in Journal of Datta Meghe Institute of Medical Sciences University. 2021.

### **In Progress**

37. Comparative evaluation of guided tissue regeneration with bio-absorbable membrane versus connective tissue graft in treatment of localized gingival recession: A clinical study.
38. Influence of smokeless tobacco on periodontal health status in local population of Chhattisgarh, India: A cross-sectional study.
39. Survey on Knowledge, perception implementation of 2017 world workshop classification system for periodontal and peri implant diseases in Periodontics, dental students, and general practitioners.
40. Influence of smokeless Tobacco in periodontal Health status in local population of South India. A cross sectional study.

<https://scholar.google.com/citations?hl=en&user=zZOq58MAAAAJ>

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[Scopus Author ID: 57211218200](#)

### **GUEST SPEAKER & CHAIRPERSON**

- Presented a Guest Lecture on “Gingival and Periodontal Diseases in Children” at 37th National Conference of ISPPD held at Raipur, India from 8th-10th October 2015.
- Chaired a scientific session at 40th ISP National Conference held from 30th October to 1st November 2015 at Hyderabad, India.

- Chaired a scientific session at 41st ISP National Conference held from 19th October to 22nd October 2015 at Nagpur, India.
- Presented a Guest Lecture on “Periodontal Pathogens: Friends or Foes: A Novel Outlook” at 5th International Conference of Pediatrics and Primary Health Care Webinar on 14<sup>th</sup> October, 2021.

Artificial Intelligence in Dentistry: Possibilities and Challenges 26.01.2022

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**WORKSHOP/  
CONFERENCE  
CONDUCTED**

- Organizing Member of national workshop on ‘Research Methodology’ held on 14th March 2010 at A. B. Shetty Institute of Dental Sciences, Mangalore.
- Organizing Member of Hands on Course - “Inhalation Sedation in Dentistry” at Department of Pedodontics & Preventive Dentistry, CDCRI, Rajnandgaon on 24th-25th August 2012.
- Chairman of Fund-Raising Committee of 37th National Conference of Indian Society of Pedodontics & Preventive Dentistry held at Raipur, India from 8th-10th October 2015.

**DECLARATION**

I hereby declare that the above furnished details are true to best of my knowledge.



**Dr. Sunaina Shetty Y.**

