

## RAGHAVENDRA M. SHETTY

### Academic Rank

Assistant Professor

### Qualifications

BDS, MDS, Ph.D

- PhD – Nitte University, Karnataka, India. - 2017
- MDS – Rajiv Gandhi University of Health Sciences, Karnataka, India. – 2004
- BDS – A. B. Shetty Memorial Institute of Dental Sciences, Mangalore, India. - 2000

### Research field(s)

- Special Child- Sickle Cell Anemia
- Habits in Pediatric Children
- Pediatric Orthodontics
- Innovative Pedodontics

### Publications *(Last five years)*

- Shetty S, Shetty RM, Rahman B, Reddy S, Shetty Sr, Vannala V, Desai V, Halkai R. Comparison of time kill assay to evaluate the antimicrobial efficacy of garlic (*allium sativum*) and guava (*psidium guajava*) extracts on periodontal pathogens. *Contemp Clin Dent* 2021;12(4):389-95.
- Teles LR, Perazzo MF, Paiva SM, Shetty R, Huebner R, Martins-Júnior PA, Serra-Negra JM. Validation of the Brazilian Version of the RMS Tactile Scale (B-RMS-TS). *Validation of the Brazilian Version of RMS Tactile Scale (B-RMS-TS)*. *Braz Dent J* 2021; 32(3): 84-91.
- 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 Endod J* 2021; 11:364-8. Shetty SR, Shetty RM, Narasimhan S, Al-Bayati S, Abdelmagyd H, Elsayed W, Sreedharan J. A University-based Survey of Career Choices and Perspectives on Higher Education among Dental Students in United Arab Emirates. *The Open Dent. J.* 2021; 15: 210-222.
- Reddy MS, Shetty SR, Shetty RM, Vannala V, Khazi SS, Mohammed ST. Botox in periodontics - Exploring new avenues. *S Afr Dent J: Journal of the South African Dental Association* 2021;76(2):78 – 83.
- Shetty SR, Reddy S, Adtani PN, Shetty RM, Lakshminarayan A, Khazi SS, Vannala V. Quality of Life in Oral Submucous Fibrosis-A Case Report with a Literature Review. *The Open Dentistry Journal* 2021; 15(5):4-10.
- Shetty SR, Albayatti SW, Shetty RM, Halkai R, Shetty S. Three-Dimensional Imaging of Stafne Bone Cavity Proximal to the Mandibular Canal A Case Report. *Journal of International Dental and Medical Research* 2020; 13(4): 1569-1572.
- Reddy S, Shetty SR, Shetty RM, Vannala V, Shakeel SK. Focus on periodontal engineering by 3D printing technology -A systematic review. *J Oral Res.* 2020; 9(6):522-531.
- Shetty S, Shetty RM, Rahman B, Vannala V, Desai V, Shetty SR. Efficacy of *Psidium guajava* and *Allium*

sativum extracts as antimicrobial agents against periodontal pathogens. J Pharm Bioall Sci 2020;12, Suppl S1:589-94.

- Shetty S, Reddy S, Abdelmagyd H Marei H, Shetty RM, Elsayed W. Assessment of alveolar bone level and furcation involvement in periodontal diseases using dental cone-beam computed tomography (CBCT): A systematic review. Braz Dent Sci 2020;23(3):1-8.
- Application of E-learning in Dental Radiology Education at undergraduate level -a Systematic Review. Braz Dent Sci 2019;22(4):435-442.
- 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; DOI 10.1007/s40368-019-00484-y
- Biofunctional prosthetic system in prosthodontics – a systematic review J Stoma 2019; 72(6): 274-277.
- RMS MP3 Classification: A newly proposed digital MP3 classification and its validity. Int J Clin Pediatr Dent. 2019; 12(4): 255–260.
- Effectiveness of distraction techniques in managing pediatric dental patients. Int J Clin Pediatr Dent. 2019; 12(1): 18–22.
- Evaluation of 3Mix-Gentamicin, Amoxicillin and Metronidazole paste in endodontic treatment of primary molars: An in-vivo study. Chin J Dent Res. 2019;22(1): 57-64.
- 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.
- Magnetic Resonance imaging mishaps. A brief review. J Datta Meghe Inst Med Sci Uni 2018; 13(3):160-161.
- A New regression equation proposed for mixed dentition analysis in Chhattisgarh, Central India population. Pesquisa Brasileira em Odontopediatria e Clinica Integrada 2018, 18(1):e4190.
- Foramen Caecum - The polyseme...!!!" in Journal of Morphology and Anatomy. 2018, 2: 115.
- Evaluation of the efficacy of guava extract as an antimicrobial agent on periodontal pathogens. J Contemp Dent Pract 2018; 19(6):690-697.
- RMS tactile scale: An innovative tactile anxiety scale for visually impaired children. J Indian Soc Pedod Prev Dent 2018; 36(1): 76-81.
- Role of Intelligence Quotient (IQ) on anxiety and behavior in children with hearing and speech impairment. Spec Care Dentist 2018; 38(1):13-18.
- Antimicrobial effect of mouth-washes in patients undergoing orthodontic treatment. Indian J Dent Oral Health 2018; 2(1):1-5.
- Complete rehabilitation of mouth cavity after early childhood caries treatment: A case report. Acta Stomatologica Naissi 2017; 33(76): 1780-1785.
- Deramatoryphic patterns in sickle cell anaemia patients of Chhattisgarh, India. J Dent Sci 2017; 2(4): 000141.
- Fabrication of silicone hand Prosthesis: A case report. Int Res J of Cli Med 2016;1(4):30-33.
- Influence of mother's oral health care knowledge on oral health status of their preschool child. Saudi J of Oral Science 2016;3(1):12-15.

## Courses Taught (Last five years)

- M.Sc (Pediatric Dentistry) – Oral Pathology and Oral Medicine in Children, Behavior Sciences -Anxiety and Pain Management, Orthodontics in Pediatric Dentistry,
- M.Sc (Pediatric Dentistry)- Clinical Pediatric Dentistry I – VI, Research Methodology
- DMD- Pediatric Dentistry, Preventive Dentistry, Community Dentistry – 2017-2019
- BDS and MDS (Pediatric Dentistry) - 2015- 2017

## Professional Experience

- Assistant Professor- Ajman University – 12/01/2020 to Till date
- Adjunct Faculty, Dept. of Pediatric and Preventive Dentistry, Sharad Pawar Dental College and Hospital, Wardha, Maharashtra, India – 24/09/2020 to Till date
- Assistant Professor- Gulf Medical University - 12/10/2017 to 28/02/2019
- Prof. and HOD- Maitri College of Dentistry and Research Centre, Durg, India 1/04/2017 to 30/09/2017
- Prof. and HOD- Chhattisgarh Dental College & Research Institute, India- 18/10/2014 to 31/03/2017
- Professor- Chhattisgarh Dental College & Res. Institute, Rajnandgaon, India-18/10/2012 to 17/10/2014
- Asso. Prof.- Chhattisgarh Dental College & Res. Institute, Rajnandgaon, India-18/10/2010 to 17/10/2012
- Reader- Chhattisgarh Dental College & Res. Institute, Rajnandgaon, India-18/10/2007 to 17/10/2010
- Sr. Lecturer- Chhattisgarh Dental College & Res. Institute, Rajnandgaon, India-18/10/2004 to 17/10/2007

## Committees Work

- Member, Assessment Committee 01.09.20021 till date
- Member, Curriculum Development Committee 1.09.200 till date
- College Research Group Head (Epidemiology of oral & dental diseases)- 27.02.2020 till 30.06.2021 (College of Dentistry, Ajman University)
- Chairperson of College of Dentistry Assessment Committee Head (Gulf Medical University) – 12.03.2019 to 28.12.2019

## Honors and Awards

- 1<sup>st</sup> Rank with Gold Medal in Pedodontics and Preventive Dentistry awarded by Rajiv Gandhi University of Health Sciences, Bangalore in Karnataka State for the Exams held in Sept. 2004.
- Best Outgoing Post Graduate Student awarded by P.M.N.M. Dental College & Hospital, Bagalkot, Karnataka, India in the year 2005.
- Young Pedodontist Research Award of India 2010 by Indian Society of Pedodontics & Preventive Dentistry presented by D.C.I. President at 33<sup>rd</sup> ISPPD conference, Mangalore, India in the year 2011.
- Best Faculty Paper for the presentation on “Perception and Reality; A series of cases’ at 35<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held at Jaipur in the month of September 2013.
- Best Faculty Paper for the presentation on “Modification of RURS Elbow Guard” at workshop on Research methodology for Bio-Medical Sciences held at Maitri Dental College held at Durg in month of April 2014.
- Dedication & Diligence Award by Chhattisgarh Dental College & Research Institute, in the month of January 2016.

## Other Contributions and Achievements

- Organizing Chairman and Scientific Committee Chairman for 37<sup>th</sup> Annual Conference of Indian Society of Pedodontics & Preventive Dentistry held at V. W. Canyon, Raipur, India from 8<sup>th</sup>-10<sup>th</sup> October 2015.

- Three Patents are Published
  - RMS Elbow Guard No. 201741037272 TEMP/E- 1/38063/2017-CHE
  - RMS -TS Scale No. 201741038533 TEMP/E-1/39353/2017-CHE
  - RMS–Space Maintainer No. 201841004155 TEMP/E-1/4475/2018-CHE
- Contributing author in the following text books.
  - Text book of Oral Medicine by Anil Ghom Jaypee Brother Med. Publisher, India, 2nd edn. 2010.
  - Crowns in Pediatric Dentistry by Prasanth Babaji Jaypee Brother Med. Publisher, India, 1st edn. 2015.
  - Text Book of Pediatric Dentistry by S. G. Damle Arya (Medi) Publishing House, India, 5th Ed.2016.
  - Text Book for Pedodontics by Shobha Tandon Paras Medical Books Publisher, India 3rd edn. 2018.
  - Text Book for Pediatric Dentistry by Nikhil Marwah, JP Brother Med. Publisher, India, 4th edn. 2018.