Dr Veena Benakatti

Academician- Researcher-Clinician

KSDC Reg No- A-12580

About Me- An enthusiastic, adaptive, and fast-learning person

Address:	**Education**
Plot 79, 2nd stage	1. Joined in 2020- PhD Scholar (Dentistry)
Post and telegram society	KAHER University, Belagavi
Hanuman Nagar	2. 2013-2016 - Masters in Dental Surgery
Belagavi-590019	Prosthodontics and crown and Bridge
Karnataka	KAHER'S KLE VK Institute of Dental Sciences, Belagavi
India	3. 1997-2001 – Batchelor in Dental Surgery
Tel: 9481357779	KAHER'S KLE VK Institute of Dental Sciences, Belagavi
Mail: kenganalveena@gmail.com	4. 2016- Fellowship in
Linked in profile: Veena Benakatti	Oral and Maxillofacial Implantology
	KAHER'S KLE VK Institute of Dental Sciences, Belagavi

Experience

1. Feb 2004 -oct 2008 Junior Lecturer, KLE Institute of Dental Sciences
2. 2008-2013 - Private Practice at Yash Dental Clinic
3. 2016 – Till date – Lecturer, KAHER'S KLE VK Institute of Dental Sciences, Belagavi

Areas of interest

Artificial intelligence, Dental health education, Patient care, Implant dentistry

Currently working on

1. Application of artificial intelligence in dental implant system identification

2. Artificial intelligence applications in dentistry

3. Descriptive survey on Awareness and perceptions of artificial intelligence in dentistry: A survey among Indian dental professionals' part 1.

4. Qualitative survey on Awareness and perceptions of artificial intelligence in dentistry: part 2.

Working as a reviewer

1. Journal of clinical and diagnostic research
2. Acta scientific dental sciences

Resource person

1. "Artificial intelligence in dentistry" in IPS PG Convention 2022, SDM College of dental sciences Dharwad

2. "Dental implant abutments and its selection" at Clinical Implant Excellence Academy, Nagpur.

Chaired sessions for scientific presentations

1. IPS PG Convention 2022, SDM College of dental sciences

Memberships

1. Indian prosthodontic society. Reg No- OL2920
2. Karnataka prosthodontic society
3. Indian dental association
4. Karnataka state dental council

Grants applied

1. **VGST,** Govt of Karnataka "Efficacy of Machine Learning in Identification of Dental Implant Systems Using Radiographs"

2. **ICMR,** Adhoc Project Program **"A**rtificial intelligence for dental implant identification using radiographs**"**

Grants received

1. **From KAHER University, Belagavi. "**Qualitative survey on Awareness and perceptions of artificial intelligence in dentistry**"**

Publications

1. Benakatti VB, Nayakar RP, Anandhalli M. Machine learning for identification of dental implant systems based on shape – A descriptive study. J Indian Prosthodont Soc 2021; 21:405-11.

2. Benakatti V, Nayakar RP, Anandhalli M, Lagali-Jirge V. Accuracy of machine learning in identification of dental implant systems in radiographs – A systematic review and meta-analysis. J Indian Acad Oral Med Radiol 2022;34:354-8

3. Benakatti VB, Patil AP, Sajjanar J, Shetye SS, Amasi UN, Patil R. Evaluation of Antibacterial Effect and Dimensional Stability of Self-disinfecting Irreversible Hydrocolloid: An in vitro Study. J Contemp Dent Pract 2017; 18 (10):887-892.

4. Benakatti VB, Sajjanar J, Acharya A. Polyetheretherketone (PEEK) in Dentistry. J Clin Diagn Res 2019; 13(8):10-12.

5. Benakatti VB, Amasi U, Patil R. Evaluation of Effect of Surface Treatment of Intaglio Surface on Retention of Complete Cast Crowns Cemented with Different Cements: An In vitro Study. J Clin Diagn Res 2020;14(5):07-12

6. Patil SS, Patil AG, Benakatti V. Comparative evaluation of adhesion of Candida albicans to heat cure polymethyl methacrylate, self-cure polymethyl methacrylate and vacuum formed thermoplastic resin - an in vitro study. J Evolution Med Dent Sci 2020;9(52):3935-3938.

7. Sajjanar J, Sajjanar A, Benakatti VB, Kumar S, Nelogi S. Management of aesthetically compromised single anterior implant using connective tissue graft: A case Report. Manipal Journal of Dental Sciences 2018; 3(2): 47-50.

8. Benakatti VB, K Hema. Biomedical waste management in dental office - a review. World Journal of Advance Healthcare Research 2018; 2(4):177-81.

9. K Hema, Pangi A, Benakatti VB, Patil S. Maintenance of dental implants: A way to long term success: A review. Int J of Appl Dent Sci. 2018; 4(2): 104-107

10. Sajjanar J, Sajjanar A, Bembalagi M, Patil R, Benakatti VB. Comparative evaluation of dimensional stability and surface hardness of three elastomeric interocclusal recording materials at various time intervals – an in vitro study, Int J Cur Adv Res. February 2017; 6(2):2290-2293.

11. Sajjanar J, Sajjanar A, Benakatti V, Niswade G. Restoration of debilitated dentition in amelogenesis imperfecta using Hobo twin stage technique. J Datta Meghe Inst Sci Univ 2021;16:752-7.

12. Benakatti VB, Sajjanar JA, Acharya AR. Dental implant abutments and their selection - a review. J Evolution Med Dent Sci 2021;10(35):3053-3059

13. Veena B. Benakatti, Raghunath Patil, Ulhas N. Amasi, "Nutritional considerations in geriatrics," Int J Contemp Dent Med Rev, vol.2015, Article ID: 020715, 2015. doi: 10.15713/ins.ijcdmr.83

Certificate courses

1. Online Certificate course by NPTEL on "**Health Research Fundamentals**" and scored 89% in Aug-oct 2018.

2. Online Certificate course by NPTEL **on "introduction to systematic reviews for dental health professionals".**

3. Online Certificate course by NPTEL on "**scientific writing in health research**".

Certifications/workshops

1. AICTE Training and Learning (ATAL) Academy Online Elementary FDP (faculty development programme) on "**Application of Artificial Intelligence in Research and development**" from 2021-07-05 to 2021-07-09 at CSIR -Advanced Materials and Processes Research Institute, Bhopal 462026.

2. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Artificial Intelligence and Machine Learning using Python**" from 2021-6-21 to 2021-6-25 at Engineering College Bikaner.

3. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Artificial Intelligence for Computer Vision**" from 2021-07-12 to 2021-07-16 at Indian Institute of Technology, Roorkee

4. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Applied Machine Learning**" from 2021-07-21 to 2021-07-25 at Indian Institute of Technology Ropar

5. Attended webinar on "**Artificial Intelligence _extra innings 2021**" organized by GSL dental college and hospital in association with ICD (international college of dentistry) and IDA on Jan 31st 2021.

6. "**Artificial Intelligence in dentistry**" organized by IPS Chandigarh on 8th April 2021.

7. "**Artificial Intelligence in Healthcare**" organized by Sri Balaji Vidyapeeth Deemed to be University on July 21st 2021.

8. "**Enhancement of Quality of Health Science Journals**" on 15th sept 2017 conducted by Indian journal of health sciences and biomedical research KLE University.

9. "**Live Clinical Interactive Workshop in Full Mouth Rehabilitation**" at SDM dental college Dharwad on 31-10-2017

10. "**Regulatory Compliance on Lab Practices**" 11/4/2018 organized by KAHER'S BSRC and UDEHP, KAHER.

11. "**Fostering Integrity and Plagiarism Awareness**" on 21st Aug 2018 organized by UDEHP, KAHER, Belagavi.

12. "**ICT tools in dental education**" on Feb. 22nd and 23rd 2019 organized by dept of dental education, KLE VK IDS.

13. "**Qualitative Research Methodology**" on 19th Aug 2019 organized by institute of nursing science in collaboration with Jefferson University USA.

14. **Workshop** on **"Digital evaluation and management of TMD"**, conducted by DDE, KLE VKIDS, Belgaum, January 2019.

15. CME 2021 on "**publication and peer reviews**" held on 19th march 2021 at JNMC, Belagavi.

16. Attended webinar series organized by Dental Council of India in 2020.

17. "**Regulatory Compliance: Laboratory Practice**" on 20th April 2021 organized by BSRC under UDEHP, KAHER.

18. "**Assessment Methods in Dental Education**" on 4th and 5th march 2021 organized by dept of dental education, KLE VK IDS

19. "**Infection Control and Occupational Safety in Dental Practice**" by Dr **Raghunath Puttaiah** from 23rd may 2021 to 20 June 2021 organized by ICD (international college of dentistry) in association with IDA Chandigarh.

20. **Intensive Course on Biostatistics** conducted by **Dept of Biostatistics JNMC, Belagavi.**

Extracurricular activities

1. Won debate competition on "Internet Usage in children: Boon or Bane" conducted by KLE university, an intercollegiate debate competition.

2. Participated in a debate competition conducted by KLE university, an intercollegiate debate competition on the topic of "artificial intelligence is the future of medical practice"

3. Sports activities conducted by the university.

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