

Name of Faculty – Dr. Madhuri S. Sale

Publications/Patents –

Sr. No.	Name of Article	Name of Journal	Volume	Issue	Year	Page No.
1	Efficacy of modified cellblock cytology compared to fine needle aspiration cytology for diagnostic oral cytopathology	Biotechnic and Histochemistry	96	3	2020	197-201
2	Assessment of the factors influencing dental students to choose dentistry as a career: A cross-sectional survey.	Indian Journal of Dental Research	32	02	2021	153-157
3	Assessment of Attitudes and Practices Related to Social Media Usage among Dental Practitioners in their Dental Practice in Sangli-Miraj-Kupwad City: A Cross-sectional Survey. Journal of	Pharmaceutical Research International	33	57A	20 21	264-269
4	Comparative assessment of chlorhexidine, autoclave, aleo vera and microwave irradiation for disinfection of impression materials	International Journal of Health Sciences	6	S8	2022	3542-3547
5	A Rare Case Report on Basal Cell Carcinoma: Pigmented Variety	NeuroQuantology	20	11	2022	5767-5771
6	Assessment of perceptions among dental faculty members towards online teaching in dental institutions in Sangli city : A web based survey	NeuroQuantology	20	16	2022	1771-1777
7	Biofilm formation by clinical isolates of Staphylococcus aureus and their association with antimicrobial resistance	European Chemical Bulletin	12	04	2023	614-622
8	Evaluation of measurement of gonial angle and mental foramen for prediction of gender dimorphism in an Eastern Indian population sample- A radiographic Cross-sectional Study	International Journal of forensic odontology	08	02	2023	7-14
9	Comparing Laser-Assisted and Conventional Excision in the Management of Oral Soft Lesions: A Prospective Clinical Study	Journal of Pharmacy and Bioallied Sciences	16	S1	2024	S859-S861

10	Evaluation of Oral Squamous Cell Carcinoma Patients Using Polymerase Chain Reaction Regarding the Prevalence of Human Papillomavirus Types 16 and 18	Cureus	16	1	2024	1-9
10	Precancerous oral lesions: A comprehensive review of the literature2024	International Journal of Chemical and Biochemical Sciences	25	14	2024	438-442
11	Evaluation of Knowledge and Attitude of Pediatric Dental Post Graduate Students in India About Applications of Artificial Intelligence in Pedodontics- A Questionnaire Survey	African Journal of Biomedical Research	27	2s	2024	433-438
12	Association of Enamel Tooth Color of Central Incisors, Lateral Incisors, and Canines With Age and Gender to Aid in Forensic Identification: A Cross-Sectional Study	Cureus	17	5	2025	1-9
13	Correlation between endo-perio lesions and systemic diseases: A cross-sectional study	Bioinformation	21	5	2025	1144-1148
14	A Unique Presentation of Talon Cusp in Mandibular Incisors with Double Tooth Morphology: A Rare Case Report	BMC Medical education	21	1	2025	567-573
15	Assessment of PVL Gene Carriage in Methicillin-Resistant and Susceptible Staphylococcus aureus Isolates.	Journal of Rare Cardiovascular Diseases	5	4	2025	75-77
16	Efficacy of arthrocentesis and PRP in TMJ osteoarthritis patients	Bioinformation	22	2	2025	1004-1008

Patent and Copyright:

Title of Patent / copyright	Application Number	Date of Filing	Date of Publication
Adjustable mobile phone holder for a microscope for image acquisition Design number 427757-001, Class 14-06, page 89986	427757-001	21/08/2024	27/09/2024
Standard Operating Procedures (SOPs) for Histopathology Reporting of Oral Biopsies (Applicable to Incisional and Excisional Biopsies; Excludes Dissection Specimens)	LD-26856/2025-CO	05/07/2025	29/08/2025

Books published:

Sr no	Title
1	"Epithelial Mesenchymal Transition & Mesenchymal Epithelial Transition" August 2022 LAP Lambert Academic Publication, ISBN-13: 978-620-5-48708-2
2	"Tongue, taste buds and their clinical implications" October 2022LAP Lambert Academic Publication, ISBN 978-620-5-50110-8

Research completed:

Sr no	Title
1	Title-Qualitative Analysis of Fine needle aspiration cytology and modified cell block cytology techniques for diagnosis of oral lesions
2	Title- Assessment of morphological features and their variation of tongue for persona lidentification: A digital photographic study Amount sanctioned-3500/-
3	Assessment of enamel tooth color in relation to age and gender: An aid in forensic identification
4	Funded Research Project Sponsor: Oraicle Biosciences Ltd. Amount sanctioned 33lakhs INR Co-Investigator Title- A prospective research study to collect images from oral cavity of participating subjects to build an artificial intelligence based tool for supporting the early detection of oral cancers
5	Research ongoing: Funded Research Project Sponsor: Oraicle Biosciences Ltd. Amount sanctioned >2lakhs INR Co-Investigator Title- A prospective research study to collect images from oral cavity of participating subjects to test an artificial intelligence - based algorithm for supporting the early detection of oral cancers

6	Research ongoing: Funded Research Project Sponsor: Oraicle Biosciences Ltd. Co-Investigator-remuneration-5040/- Screening of tobacco users using artificial intelligence based mobile application for early detection and referral of oral potentially malignant disorders and oral cancer to designated health care centers
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Scientific Presentations

Sr no	Title
1	E-Poster Title- Graphene Biosensor For Early Detection of CancerXXIV National Conference of IAOMP 2015, Jaipur
2	Paper Title- Evolution in Microscope Postgraduate Research Conference, BVDUDC&H, Pune March 2016
3	Paper Title- Qualitative Analysis of Fine Needle Aspiration Cytology and Cell BlockCytology Techniques: A Comparative Study XXVI National Conference of IAOMP 2017, Bhubaneswar
4	E-Poster Title – Oxygen Ozone Therapy- An Innovative Aspect XXVII National Conference of IAOMP 2018, Amritsar
6	E-Poster Title- Effectiveness of Modified Cell Block Cytology Against Fine NeedleAspiration Cytology In Cytopathology IInd International Women’s Dental & Leadership Congress 2019, Pune
7	Paper presentation title- Third Dimension In Oral Histopathology: A ReviewInternational conference for dental research presentations (ICDRP) 2020

8	Paper presentation- titled Assessment of morphological characteristics of tongue for personal identification. Presented through Online VDO Conferencing in 19th National Conference of the Indian Association of Forensic Odontology (IAFO) held on 10th & 11th September 2022 Organized by G. Pulla Reddy Dental College & Hospital, Kurnool, Andhra Pradesh
9	Poster Presentation- titled Tongue Prints: A novel biometric and potential forensic tool 7th Zonal Convention IDA MSB 2022 hosted by IDA Sangli branch from 9th – 11th September 2022