



**Maratha Mandal's**  
Nathajirao G Halgekar Institute of Dental Sciences & Research Centre,  
R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010  
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### 3.5.1 Report of Collaboration Activities

Year of Collaboration	Name of the collaborating agency with contact details	Title of the Collaborative activity	Names of the participants	Source of financial support	Duration	Nature of the activity
2017-18	K.M. Shah Dental College & Hospital, Vadodara	Research	Dr. V. Hema Bindu	Self	2 years	Comparative evaluation of anti-microbial efficacy of Chloroquick, 6% Morindacitrifolia and 2.5% Sodium Hypochlorite
	K.M. Shah Dental College & Hospital, Vadodara	Research	Dr. Paridhi Shah	Self	2 years	Comparative evaluation of chloroquick- one step irrigating solution and sodium hypochlorite solution in primary molars: a randomised clinical study with respect to e.faecalis
	K.M. Shah Dental College & Hospital, Vadodara	Research	Dr. Rujuta Pandya	Self	2 years	Evaluation Of Minimum Inhibitory And Bactericidal Concentration & Zones Of Inhibition Of Green Coffee Bean Extract On Porphyromonas Gingivalis And Aggregatibacter Actinomycetemcomitans, & Comparison Of The Results With Chlorhexidine: An In-Vitro Study
	K.M. Shah Dental College & Hospital, Vadodara	Research	Dr. Kesha Vaghani	Self	2 years	Comparative Evaluation of Anti-Microbial Efficacy of Zingiber officinale (ginger) Extract and Chlorhexidine Mouthwash on P. gingivalis, T. forsythia, P. intermedia and A. actinomycetemcomitans Periodontal Pathogens – An In-Vitro Study
	K.M. Shah Dental College & Hospital, Vadodara	Research	Dr. Vinayak Meharwade	Self	2 years	Comparative Evaluation of Leptine Levels and Leptin Receptor Gln223Arg, Lys109Arg Polymorphism in Periodontally Healthy and Chronic Periodontitis Patients- A Cross Sectional Study
	D.A. Pandu Memorial R.V. Dental College and Hospital, Bangalore	Research	Dr. Madhura N G	Self	5 years	with Assessment of miR222 expression MMP1 and miR203 expression with P63 in normal oral mucosa, oral leukoplakia and oral squamous cell carcinoma - A cross sectional study

  
**Dr. Ramakant Nayak**  
Principal

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2019-20	D.A. Pandu Memorial R.V. Dental College and Hospital, Bangalore	Research	Dr. Sapna N	Self	2 years	Evaluation of Synergistic Action of Plant Extract in Combination with Azithromycin against Periodontal Pathogens and Evaluation of Efficacy of Gel Formulations in the Management of Periodontitis: An In - Vitro and In - Vivo Study
	KM Shah Dental College and Hospital, Vadodara, Gujarat	Research	Dr. Rahul Nair	Self	2 years	Comparative evaluation of Periodontal health, amount of Relapse and incidence of Failure between Conventional and Customized 3D Printed Orthodontic Fixed Lingual Retainers: In-Vivo Study
	KM Shah Dental College and Hospital, Vadodara, Gujarat	Research	Dr. Adit Kumar AM	Self	2 years	Comparative evaluation of the disinfection ability of aqueous extract of Ocimum sanctum against candida albicans inoculated on Heat cure acrylic resin and autopolymerizing soft liners. An In-Vitro study
2020-21	KMSDCH	Research	Dr. Priyanka Das	Self	2 years	Comparative Evaluation of the Disinfection Ability of Aqueous Ocimum Sanctum Extract against Candida albicans and Staphalococcus aureus inoculated on Maxillofacial Silicone- An Invitro Study
	KMSDCH	Research	Dr. Pranit Bora	Self	2 years	Evaluation of cytotoxicity of denture adhesive cream incorporated with clotrimazole, olive oil and ozonated olive oil on fibroblast cells
	Government Dental College and Hospital, Mumbai	Research	Dr. Salma Chhabu Tadv	Self	2 years	“Comparison of S100A7 gene expression in oral leukoplakia and normal oral mucosa using RT-PCR: A retrospective study
	Government Dental College and Hospital, Mumbai	Research	Dr. Niveditha M	Self	2 years	Gene expression of HOXA10 in oral leukoplakia and oral squamous cell carcinoma: A retrospective RT-PCR study
	Sinhgad Dental College and Hospital, Pune	Research	Dr. Shivani Kondhalkar	Self	2 years	Identification and comparison of Fretibacterium fastidiosum and Filifactor alocis in subgingival plaque samples of subjects with Clinical gingival health and Periodontitis patients by Fluorescence In Situ Hybridisation
	Sinhgad Dental College, Pune	Research	Dr. Aboli Hake	Self	2 years	Evaluation and comparison of Treponema maltophilum and Dialister invisus in subgingival plaque samples of subject with clinical gingival health and periodontitis patient by Fluroescence in situ hybridization (FISH) technique



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2020-21	KMSDCH, Sumandeep Vidyapeeth, Gujrat	Research	Dr. Garima Jain	Self	2 years	To assess the prevalence of HPV 16 in Odontogenic Keratocyst and Dentigerous cyst
	College of Dental Sciences, Davangere	Research	Dr. Shweta Prasad	Self	2 years	Comparative evaluation of effect of rose aromatherapy and without aromatherapy on dental anxiety and pain perception in children: A crossover randomizer clinical trial
	College of Dental Sciences, Davangere	Research	Dr. Lilly B. K	Self	2 years	A Comparative Evaluation of Antimicrobial Efficacy of Rosa Indica, Jasminum Grandiflorum L and Hibiscus Rosa-Sinensis L Extracts against Streptococcus mutans, Lactobacillus acidophilus and Staphylococcus aureus – An In vitro Study
	College of Dental Sciences, Davangere	Research	Dr. Gowri KP	Self	2 years	Comparative Evaluation of Antibacterial Effect of Doxycycline in Combination with Neem and Meswak Extract on Periodontal Pathogens: An Invitro Study
	College of Dental Sciences, Davangere	Research	Dr. Alwin Antony	Self	2 years	Comparative Evaluation of Zinc Oxide Eugenol and Calcium Hydroxide Based Root Canal Sealers in Combination with Extracts of Neem & Liquorice on Root Canal Pathogens : An In Vitro Study
	Pandit Deendayal Upadhyay Dental College, Solapur	Research	Dr. Preeti B. Vaprani	Self	2 years	Antimicrobial and antibacterial study of synthesized compounds
	Pandit Deendayal Upadhyay Dental College, Solapur	Research	Dr. Mehenaz Khan	Self	2 years	Antimicrobial and antibacterial study of synthesized compounds
	Pandit Deendayal Upadhyay Dental College, Solapur	Research	Dr. Khushboo Bansod	Self	2 years	To evaluate behavior of cultured osteoblasts on implant surfaces in the presence of different grafts . An In-vitro study

  
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2021-22	College of Dental Sciences, Davangere	Research	Dr. Susmitha Santosh	Self	2 years	Seabuckthorn against periodontitis: A Clinical and Microbiological Study
	Sinhgad Dental College and Hospital, Pune	Research	Dr. Shivani Pawar	Self	2 years	Identification and comparison of levels of Mogibacterium timidum bacteria by Loop Mediated Isothermal Amplification (LAMP) Technique in Subgingival Plaque Samples of Subjects with clinical gingival health and Periodontitis Patients - An Analytical Study
	KM Shah Dental College, Vadodara	Research	Dr. Shreya Jain	Self	2 years	Evaluation of effective salt water rinse against periopathogens prevalent in completely and partially edentulous elderly population –a cross sectional study
	College of Dental Sciences, Davangere	Research	Dr. Girija Arishinagodi	Self	2 years	Comparative evaluation of 25 Hydroxy vitamin D levels in GCF and serum in chronic periodontitis patients with and without type 2 Diabetes mellitus Before and after non - surgical treatment
	College of Dental Sciences, Davangere	Research	Dr. Rahath Firdose	Self	2 years	Evaluation of circulatory and gingival crevicular fluid levels of heat shock protein 70 in periodontitis and periodontitis with polycystic ovary syndrome (pcos) before and after SRP by ELISA- clinicobiochemical study
	College of Dental Sciences, Davangere	Research	Dr. Sustarwar Prerana	Self	2 years	Comparitive evaluation of conventional silk and polyester sutures with and without Cranberry coating for Microbial Adhesion and Tensile Strength In Open Flap Debridement Procedure- A clinical, mechanical and Microbiological study

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