

Institutional Ethics Committee

Junction of NH-4 and Sion Panvel Expressway, Sector-1, Kamothe, Navi Mumbai- 410 209 E-Mail ID :mgmdch@mgmmumbai.ac.in

Department of Periodontics

RESEARCH PROJECTS – Total 76 (Funded projects-34)

2021-22 DISSERTATIONS - 03 PhD THESIS - 03 NON-DISSERTATION - 05

SR. NO	PRINCIPAL INVESTIGATOR	DEPARTMENT	TITLE OF THE STUDY	Ongoing = 03 / Completed = 03
1.	Dr. Varsha Urlam Dr.Ashvini Padhye	Periodontics	Association of obesity and periodontal status – a cross-sectional study	Completed
2.	Dr. Sujeet Khiste Uzma Memon	Periodontics	Comparative behaviourism for the choice of herbal and fluoridated toothpaste in Mumbai city – a questionnaire-based study	Ongoing
3.	Dr. Aishwarya Patil Dr. Sarika Shetty	Periodontics	Comparative evaluation of the inhibitory effect of lactobacillus rhamnosus on halitosis producing bacteria – an in-vitro study	Completed
4.	Dr.Mugdha Mangaonkar Dr.Ashvini Padhye	Periodontics	Comparative evaluation of antibacterial efficacy of cetylpyridinium chloride and chlorhexidine gluconate mouthwashes after periodontal surgery – a randomized controlled trial	Completed
5.	Sagarika Fernandes	Periodontics	Comparative evaluation of efficacy of chlorhexidine mouthwash and essential oils based mouthwash in reducing the microbial load of aerosols during initial periodontal treatment	Ongoing



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6.	Dr. Shruti Mhatre Dr. Vineet Kini	Periodontics	Comparative evaluation of human periodontal ligament fibroblast adhesion, morphology and proliferation on debrided periodontally involved root surfaces treated with or without plasma rich in growth factors — An ex-vivo scanning electron microscope study	Ongoing
7.	Dr. Aaesha IA Khan Dr. Sujeet Khiste	Periodontics	Comparative evaluation of flexural strength and modulus of elasticity of three different periodontal splint materials – An invitro study	Ongoing
8.	Dr. Shruti Kalbage Dr.AshviniPadhye	Periodontics	Comparative evaluation of efficacy of chlorhexidine, povidone iodine and cetyl pyridinium chloride for decontamination of healing abutments – An in-vitro study	Ongoing
9.	Dr. Omkumar Baghele Dr. Ashvini Padhye Dr. Vijayalaxmi	Periodontics	A radiographic evaluation of periodontal conditions in Maharashtra, India – A cross-sectional study	Ongoing
10.	Dr. Girish Deore Dr.AshviniPadhye Dr. Mahesh Ahire	Periodontics	Association of facial phenotype, dental characteristics and skeletal pattern with gingival biotype	Ongoing
11.	Dr. Akshaya Bansodkar Dr. AshviniPadhye Dr. Sunil Sharma	Periodontics	Oral health status in women with unexplained infertility – A case control study	Ongoing

2020-21

DISSERTATIONS PROTOCOLS-03 NON - DISSERTATION PROTOCOLS - 19



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Department of Periodontics RESEARCH PROJECTS – Total 76 (Funded projects-34)

SR NO	NAME OF PRESENTER	DEPARTMENT	TITLE OF STUDY	Ongoing = 06 / Completed = 16
1.	Dr. Aditya Pawar	Periodontics	Comparative evaluation of change in surface characteristics of periodontally involved root surfaces with in-vitro plaque biofilm growth following treatment with three different root surface debridement methods: an in-vitro confocal and scanning electron microscopic study	Completed
2.	Dr. Ashima Madavi	Periodontics	Comparative evaluation of anti-inflammatory effect of systemivally administered Curcumin or Resveratrol as an adjunct to scaling and root planing versus scaling and root planing alone in chronic periodontitis subjects by assessing serum C- reactive protein levels: A Randomized controlled trial	Completed
3.	Dr. Varsha Urlam	Periodontics	Comparative evaluation of Resistin levels in Gingival Crevicular Fluid and Saliva of subjects with hypertension and chronic periodontitis – an invivo biochemical study	Completed
4.	Dr. Pankaj Londhe Dr. Ashvini Padhye	Periodontics	Evaluation of the Stress Distribution on Four Different Peri- Implant Bone Types when Loaded with Three Different Implant Lengths Subjected to Vertical and Oblique Forces in Mandible in All on Four Concept: A Three Dimensional FiniteElement Analysis	Completed
5.	Dr. Trupti Naykodi, Dr. Ashvini Padhye	Periodontics	A Comparative evaluation of antimicrobial effect of Silk sutures coated with Hyaluronic acid ,Chlorhexidine and Betadine against Streptococcus Mutans – An in Vitro study	Ongoing



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6.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Evaluation Of Stress Distribution on peri-implant bone and implant abutment interface of zirconia and titanium dental implants when loaded with screw and cement retained restorations subjected to vertical forces in mandible: a three-dimensional finite element analysis	Completed
7.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Comparative evaluation of the effect of mouthwashes on the tensile strength of Poliglecaprone and polyglactin absorbable sutures – An in vitro study.	Completed
8.	Dr. Amruta Joshi,Dr. AshviniPadhye	Periodontics	Comparative Evaluation of the Effect of Air Polishing with Sodium bicarbonate, Glycine and Erythritol-Chlorhexidine on Surface Topography of Four Different Types of Dental Prosthetic Materials – An In-Vitro Study.	Ongoing
9.	Dr. Ankita Deshmukh, Dr. Agraja Patil, Dr. Ashvini Padhye	Periodontics	Comparative evaluation of different particle sizes of Demineralized Freeze-DriedBone Allograft (DFDBA) in treatment of Grade II furcation defects in Mandibular molars –A clinical and radiographic study	Ongoing
10.	Dr. Sujeet V. Khiste Dr. Bharat Gupta, Dr. Ashvini Padhye	Periodontics	Prevalence of gingival recession in individuals with tobacco consumption: A cross-sectional study.	Ongoing
11.	Dr. Ashwini Samaleti	Periodontics	Knowledge, Attitude and Practice of Hand Hygiene among the	Completed



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	Dr. Vineet Kini		Faculty and Post Graduate Students of Periodontics in Teaching institutions within Mumbai Urban, Thane and Raigad District of Maharashtra: A Questionnaire Based Survey	
12.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Comparative evaluation of Mechanical Oral Hygiene Regimens with different Mouthwashes on oral malodour reduction – an in vivo study.	Completed
13.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Comparative Evaluation of The Effect Of Bristle Tip Design On Plaque Removal: A Randomized Clinical Crossover Study.	Completed
14.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Qualitative and quantitative evaluation of the platelet rich fibrin derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex In vivo study.	Completed
15.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Qualitative and quantitative evaluation of the advanced platelet rich fibrin(A- PRF) derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex In vivo study.	Completed
16.	Dr Agraja Patil, Dr. Ankita Deshmukh, Dr. Ashvini Padhye	Periodontics	Association between Periodontal inflamed surface area (PISA) in chronic periodontitis and HbA1c in Type II non-insulin dependent diabetic population- A case controlled study	Ongoing
17.	Dr.Shabistan Farooqui Dr. Ashvini Padhye	Periodontics	Qualitative and quantitative assessment of gingival biotype and its association to the width of keratinized gingiva, crown form	Completed



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			and papilla height – a cross-sectional study	
18.	Dr.Shabistan Farooqui Dr. Ashvini Padhye	Periodontics	Evaluation of the association of various gingival biotypes in the treatment outcome in shallow gingival recession following non-surgical periodontal therapy. A cross-sectional study	Completed
19.	Dr. Sarika Shetty, Dr.Sabita Ram, Dr.AshviniPadhye, Dr. Rakesh Gidiyal	Periodontics	Assessment of depression, anxiety and stress in under graduate dental students using DASS-21 scale	Ongoing
20.	OjasweeNakhawa, Manjusha Hindalekar, Dr. Ankita Desmukh	Periodontics	Assessment of the level of awareness of the knowledge, attitude, and practice of oral hygiene among primary school teachers in Navi Mumbai	Completed
21.	Dr.ShrushtiSukalkar	Periodontics	Comparative evaluation of the characteristics of platelet rich fibrin (PRF) derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex in vivo study	Completed
22.	Dr.ShrushtiSukalkar	Periodontics	Comparative evaluation of the characteristics of advanced platelet rich fibrin (A-PRF) derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex in vivo study	Completed



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RESEARCH PROJECTS – Total 76 (Funded projects-34)

2019-20

DISSERTATIONS PROTOCOLS-03 NON - DISSERTATION PROTOCOLS - 19

SR	NAME OF	DEPARTMENT	TITLE OF STUDY	Ongoing = 06
NO	PRESENTER			/ Completed = 16
23.	Dr. Aditya Pawar	Periodontics	Comparative evaluation of change in surface characteristics of	Completed
			periodontally involved root surfaces with in-vitro plaque biofilm	
			growth following treatment with three different root surface	
			debridement methods: an in-vitro confocal and scanning	
			electron microscopic study	
24.	Dr. Ashima Madavi	Periodontics	Comparative evaluation of anti-inflammatory effect of	Completed
			systemivally administered Curcumin or Resveratrol as an	
			adjunct to scaling and root planing versus scaling and root	
			planing alone in chronic periodontitis subjects by assessing	
			serum C- reactive protein levels: A Randomized controlled trial	
25.	Dr. Varsha Urlam	Periodontics	Comparative evaluation of Resistin levels in Gingival Crevicular	Completed
			Fluid and Saliva of subjects with hypertension and chronic	
			periodontitis – an invivo biochemical study	
26.	Dr. Pankaj Londhe	Periodontics	Evaluation of the Stress Distribution on Four Different Peri-	Completed
	Dr. Ashvini Padhye		Implant Bone Types when Loaded with Three Different Implant	
			Lengths Subjected to Vertical and Oblique Forces in	
			Mandible in All on Four Concept: A Three Dimensional	
			FiniteElement Analysis	
27.	Dr. Trupti Naykodi,	Periodontics	A Comparative evaluation of antimicrobial effect of Silk sutures	Ongoing



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	Dr. Ashvini Padhye		coated with Hyaluronic acid ,Chlorhexidine and Betadine against Streptococcus Mutans – An in Vitro study	
28.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Evaluation Of Stress Distribution on peri-implant bone and implant abutment interface of zirconia and titanium dental implants when loaded with screw and cement retained restorations subjected to vertical forces in mandible: a three-dimensional finite element analysis	Completed
29.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Comparative evaluation of the effect of mouthwashes on the tensile strength of Poliglecaprone and polyglactin absorbable sutures – An in vitro study.	Completed
30.	Dr. Amruta Joshi,Dr. AshviniPadhye	Periodontics	Comparative Evaluation of the Effect of Air Polishing with Sodium bicarbonate, Glycine and Erythritol-Chlorhexidine on Surface Topography of Four Different Types of Dental Prosthetic Materials – An In-Vitro Study.	Ongoing
31.	Dr. Ankita Deshmukh, Dr. Agraja Patil, Dr. Ashvini Padhye	Periodontics	Comparative evaluation of different particle sizes of Demineralized Freeze-DriedBone Allograft (DFDBA) in treatment of Grade II furcation defects in Mandibular molars –A clinical and radiographic study	Ongoing
32.	Dr. Sujeet V. Khiste Dr. Bharat Gupta, Dr. Ashvini Padhye	Periodontics	Prevalence of gingival recession in individuals with tobacco consumption: A cross-sectional study.	Ongoing



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33.	Dr. Ashwini Samaleti Dr. Vineet Kini	Periodontics	Knowledge, Attitude and Practice of Hand Hygiene among the Faculty and Post Graduate Students of Periodontics in Teaching institutions within Mumbai Urban, Thane and Raigad District of Maharashtra: A Questionnaire Based Survey	Completed
34.	Dr. Jain Ishita Kamal Dr. Sarika Shetty	Periodontics	Comparative evaluation of Mechanical Oral Hygiene Regimens with different Mouthwashes on oral malodour reduction – an in vivo study.	Completed
35.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Comparative Evaluation of The Effect Of Bristle Tip Design On Plaque Removal: A Randomized Clinical Crossover Study.	Completed
36.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Qualitative and quantitative evaluation of the platelet rich fibrin derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex In vivo study.	Completed
37.	Dr.SukalkarShrushti Dr. Vineet Kini	Periodontics	Qualitative and quantitative evaluation of the advanced platelet rich fibrin(A- PRF) derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex In vivo study.	Completed
38.	Dr Agraja Patil, Dr. Ankita Deshmukh, Dr. Ashvini Padhye	Periodontics	Association between Periodontal inflamed surface area (PISA) in chronic periodontitis and HbA1c in Type II non-insulin dependent diabetic population- A case controlled study	Ongoing



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Dr.Shabistan Farooqui Qualitative and quantitative assessment of gingival biotype and Completed Periodontics its association to the width of keratinized gingiva, crown form Dr. Ashvini Padhye and papilla height – a cross-sectional study Dr.Shabistan Farooqui Periodontics Evaluation of the association of various gingival biotypes in the Completed Dr. Ashvini Padhye treatment outcome in shallow gingival recession following nonsurgical periodontal therapy. A cross-sectional study 41. Dr. Sarika Shetty, Periodontics Assessment of depression, anxiety and stress in under graduate Ongoing dental students using DASS-21 scale Dr.Sabita Ram. Dr. AshviniPadhye, Dr. Rakesh Gidiyal OjasweeNakhawa, Periodontics Assessment of the level of awareness of the knowledge, attitude, Completed Manjusha Hindalekar, and practice of oral hygiene among primary school teachers in Dr. Ankita Desmukh Navi Mumbai Dr.ShrushtiSukalkar Periodontics Comparative evaluation of the characteristics of platelet rich Completed fibrin (PRF) derived through centrifugation using borosilicate glass or polypropylene plastic centrifugation tubes in an ex in vivo study Dr. Shrushti Sukalkar Periodontics Comparative evaluation of the characteristics of advanced Completed platelet rich fibrin (A-PRF) derived through centrifugation using



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	borosilicate glass or polypropylene plastic centrifugation tubes	
	in an ex in vivo study	

2018-19 DISSERTATIONS PROTOCOLS- 03 NON DISSERTATION PROTOCOLS - 05

SR NO	NAME OF PRESENTER	DEPARTMENT	TITLE OF STUDY	Ongoing = total no / Completed = total no
45	Dr. Shrushti Sukalkar	Periodontics	Comparative evaluation of root surface characteristics of extracted periodontally involved human teeth following debridement with modification of area specific curettes having different blade length and width in an in-vitro scanning electron microscopy and optical 3D profilometric study	Completed
40	Dr. Ishita Jain	Periodontics	Comparative evaluation of the efficacy of different methods of decontamination and their effect on surface topography of titanium disc – an in-vitro study	Completed
47	Dr. Shabistan Farooqui	Periodontics	Comparative evaluation of clinical, radiographic and microbial composition of the periimplant sulcus of implants restored with different abutment to supra structure retention methods – an in-vivo cross-sectional study	Completed
48	Dr. Snehal Ambhore Dr. Ashvini Padhye	Periodontics	Comparative evaluation of the efficacy of triphala gel and chlorhexidine digluconate gel in management of patients with chronic gingivitis – a clinical study	Completed
49	Dr. Snehal Ambhore Dr. Ashvini Padhye	Periodontics	Awareness among medical practitioners in Navi Mumbai regarding periodontal disease and its correlation with systemic diseases – a	Completed



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			questionnaire survey	
50	Dr. Pankaj Londhe	Periodontics	Assessment of anxiety, pain perception and impact of photographic	Completed
	Dr. Ashvini Padhye		documentation on subjects undergoing periodontal and implant	
			surgeries in a dental setup – a survey	
51	Dr. Sneha Waghmare	Periodontics	Comparative evaluation of colony forming unit count on aerobic	Completed
	Dr. Vineet Kini		culture of aerosol collected following pre-procedural rinses of either	
			0.2% chlorhexidine gluconate or 1% stabilized chlorine dioxide during	
			ultrasonic scaling in a healthy dental cohort – a clinical and	
			microbiological study	
52	Dr. Sushma Bapatla	Periodontics	Effect of periodontal biotype on gingival recession during orthodontic	Completed
	Dr. Trupti Naykodi		study – a long term study	
	Dr. Amol Mhatre			

2017-18 DISSERTATIONS PROTOCOLS-03 NON DISSERTATION PROTOCOLS-10

SR NO	NAME OF PRESENTER	DEPARTMENT	TITLE OF STUDY	Ongoing = 00 / Completed = 13
53.	Dr.Snehal Ambhore	Periodontics	Comparative evaluation of the efficacy of tetracycline fibres and chlorhexidine gel as an adjunct to scaling and root planning in management of chronic periodontitis patients with type 2 diabetes mellitus patients using	Completed



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			N-benzoyl-DL-arginine-2-Naphthylamide Assay – a clinical and	
			microbiological study	
54.	Dr. Pankaj Londhe	Periodontics	Comparative evaluation of the effect of CO2, Diode and Er:YAG lasers on	Completed
			surface topography and their bactericidal efficacy on titanium discs	•
			contaminated with staphylococcus aureus – an in-vitro study	
55.	Dr. Ashwini	Periodontics	Comparative evaluation of single and multiple session photodynamic	Completed
	Samaleti		therapy using indocyanine green as an adjunct to scaling and tooth planning	
			on gingival crevicular fluid MMP8 in the treatment of chronic periodontitis	
			– a split mouth clinical and biochemical study	
56.	Dr. Sneha	Periodontics	A comparative evaluation of the mechanical properties and surface	Discontinued
	Waghmare		topography of three collagen barrier membranes – an in vitro study	
57.	Dr. Kausar Shaikh	Periodontics	Comparative evaluation of cultured human gingival fibroblasts with and	Discontinued
			without Low level diode laser irradiation – an in vitro study	
58.	Dr. Kausar Shaikh	Periodontics	Comparison of the effects of desensitizing dentifrices containing biomin,	Completed
			novamin and fluoride on dentinal tubule occlusion before and after a citric	
			acid challenge – an in-vitro study	
59.	Dr.NrupaTambade	Periodontics	Evaluation of the efficacy of a single subgingival irrigation with ozonated	Completed
			water on gingival inflammation, lactate dehydrogenase enzyme and alkaline	
			phosphatase enzyme activity in GCF in the patients undergoing fixed	
			orthodontic appliance therapy – a clinical and biochemical study	
60.	Dr.NrupaTambade	Periodontics	Radiographic Evaluation Of Influence Of Non-Impacted Third Molars On	Completed
			The Pathologies Of Adjacent Second Molars	
61.	Dr. Sneha	Periodontics	Comparative evaluation of the effect of two commercially available alcohol-	Completed
	Waghmare		free chlorhexidine gluconate and stabilized chlorine dioxide mouth rinses on	
			plaque inhibition, salivary malondialdehyde levels and buccal epithelial	
			micronuclei count in a healthy dental cohort – a controlled clinical and	
		<u> </u>	biochemical study	
62.	Shaili Mehta	Periodontics	Self perceived halitosis amongst school, junior college and preclinical dental	Completed



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			college students in Navi Mumbai region – a questionnaire survey	
63.	Dr.SidheshwarPhad	Periodontics	Comparative evaluation of the antimicrobial effect of 0.2% chlorhexidine	Completed
			mouthrinse with and without anti-discolouration system – an in-vitro	
			microbial study	
64.	Dr.SidheshwarPhad	Periodontics	A clinical evaluation of the efficacy of 0.2% chlorhexidine mouthrinse with	Completed
			an anti-discoloration system	
65.	Dr. Amruta Joshi	Periodontics	Comparative evaluation of the effect of non-surgical periodontal therapy on	Completed
			systemic inflammatory markers and metabolic control in patients with	
			chronic periodontitis with and without type 2 diabetes mellitus – a clinic-	
			biomechanical study	