



Pravara Institute of Medical Sciences
(Deemed to be University)



Rural Dental College

: Details of Research Projects :

Sr.no.	Name of Faculty	Title of Projects	Ongoing /Completed
•	Dr.Aruna J. Bhandari	Determining the position of artificial tooth in relation to the base of the palatal rugae: a pilot study	Completed
•	Dr.Aruna J. Bhandari	Dental operator's posture & position	Completed
•	Dr.Aruna J. Bhandari	A clinical study of an improved nitrile butadiene rubber denture soft lining material on acrylic denture base material	Completed
•	Dr.Aruna J. Bhandari	Percentage of hiv – human immunodeficiency virus amongst the patients coming for dental treatment of rural dental hospital, loni	Completed
•	Dr.Aruna J. Bhandari	an innovative type of unconventional removable partial labial denture	Completed
•	Dr.Aruna J. Bhandari	study of correlation between dental extraction and refractive error	Ongoing
•	Dr.Gangadhar S A, Dr.Veena Saraf	To quantify the amount of material required for acrylization of trial dentures -an in vitro study	Completed
•	Dr. Veena Saraf	Usefulness of ophthalmic trial frame in iris position -an in vitro study	Ongoing
•	Dr.Deepak Vikhe, Dr.Veena Saraf	Evaluation of crestal bone loss and implant stability in submerged and non-submerged	Completed

		implant techniques in two stage implant- a pilot study	
•	Dr.Deepak Vikhe, Dr.Veena Saraf	Evaluation of fracture of internal hex and external hex implant abutment connectors - a vitro study	Ongoing
•	Dr. Deepak Vikhe	Clinical evaluation of effect of placement of abutment- implant /microgap, machined collar on implant stability & marginal bone level changes of unloaded 2 piece implants"- clinical study	Completed
•	Dr. Shivani Sachdeva	Prevalence of furcation involvement associated with chronic periodontitis patients- an observational study	Completed
•	Dr. N.G. Toshniwal	Evaluation of skeletal maturation in rural population of Maharashtra in Ahmednagar district using a new method of assessment of cervical vertebral bone age.	Completed
•	Dr. N.G. Toshniwal	Assessment of sagittal discrepancies through a new approach of beta angle in rural population of Maharashtra in and around Loni	Completed
•	Dr. Shilpa Pharande (PhD Student)	Analysis of Skeletal, Soft tissue, 3D Densitometric, Electromyographic & Airway changes of nasomaxillary complex after Alt- RAMEC in growing class III patients – A Longitudinal Study.	Completed
•	Dr. Sheetal Potnis (PhD Student)	Finite Element Analysis and in-viva evaluation of Biomechanics of total arch distalization of maxillary arch in adult skeletal class II patients and mandibular arch in adult skeletal class III patients using Infra Zygomatic Crest and Buccal Shelf bone	Completed

		screws respectively: A Prospective Study	
•	Dr Harish Saluja	To evaluate factors involved in delayed presentation of oral cancerous lesion in rural areas.	
•	Dr Harish Saluja	Evaluation of wrong side in dentistry- a survey	
•	Dr Viddyasagar Mopagar	Comparative assessment of periodontal ligament cell viability using three different storage media	Completed
•	Dr Saurabh Joshi	Evaluation of physical, antimicrobial and molecular properties of two formulations of MTA : An in vitro study	Ongoing
•	Dr. Anita Munde	Demographic and clinical profile of oral cancer- a retrospective study.	Ongoing
•	Dr. Sudharani Biradar	A study of biomonitoring of micronuclei in patients exposed to panoramic radiography.	Ongoing
•	Dr. Sudharani Biradar	A study of dental age estimation by using coronal pulp cavity index in rural population of Ahmednagar district.	Ongoing
•	Dr. Sunil Mishra <i>Dr. Anita Munde</i>	Comparison of Case-based Learning (CBL) as a learning tool in final year undergraduate dental students	Ongoing
•	Pranit Bora (Intern) Dr Sunil Mishra	HBV awareness among dental students and their vaccination status	Ongoing
•	Pranit Bora (Intern) Dr Sunil Mishra	A study on prevalence and pattern of tobacco related habits amongst college going students	Ongoing
2018			
•	Dr. Deepak Vikhe	Innovative method and dental implant design for grafting injectable platelet rich fibrin	Completed

		around the dental implant-goat jaw cadaver study	
•	Dr. Veena Saraf, Dr.Sayali Kalantri	Relation between tenderness of temporo-mandibular complex and tension headache – a questionnaire based study	Completed
•	Dr. N.G. Toshniwal	Snehalaya - a home for joy	Completed
•	Dr. N.G. Toshniwal	Vitamin D - A pandemic	Completed
•	Dr Asha Nara	Comparative evaluation of efficacy of i-PRF, PRF and induced bleeding in maturogenesis of non-vital, immature permanent teeth - Randomized clinical control trial	Ongoing
•	Dr Asha Nara	Knowledge and attitude of dentists regarding platelet derived regenerative modalities in dentistry- a cross sectional survey	Completed
•	Dr. Sunil Mishra Dr. Anita Munde	Comparison of Case-based Learning (CBL) as a learning tool in final year undergraduate dental students	Completed
•	Dr. Anita Munde	Demographic and clinical profile of oral cancer- a retrospective study.	Ongoing
•	Dr. Sudharani Biradar	A study of biomonitoring of micronuclei in patients exposed to panoramic radiography.	Ongoing
•	Dr. Sudharani Biradar	A study of dental age estimation by using coronal pulp cavity index in rural population of Ahmednagar district.	Ongoing
•	Pranit Bora (Intern) Dr Sunil Mishra	HBV awareness among dental students and their vaccination status	Completed
•	Pranit Bora (Intern) Dr Sunil Mishra	A study on prevalence and pattern of tobacco related habits amongst college going students	Ongoing

•	Dr Sanjay G Thete	Palatal Rugae A Stable Landmark- A Comparison between Extraction and Non-Extraction Patients.	Completed
2019			
•	Dr. Deepak Vikhe	Staining the ground section of tooth without decalcification using an innovative plant stain found in pravara region: an in-vitro study	Completed
•	Dr. Deepak Vikhe	Simple modified pravara tent to control aerosols in dental clinic during covid-19 pandemic: an innovative novel protective device	Completed
•	Dr. Shaikh Shoieb Yakub	A novel technique of retentive channels placed on the face of the root for restoration of coronal tooth structure using different treatment modalities".	Completed
•	Dr. Sai Kalyan	"The Impact of intracanal nanoparticles and Photoactivated disinfection on endodontic biofilm bacteria"	Completed
•	Dr.Basawaraj Biradar	Evaluation of influence of instrument size on the accuracy of three different apex locators in the presence of different irrigation solutions in vital and non- vital teeth – An invivo study	Completed
•	Dr.Basawaraj Biradar	Evaluation of efficacy electronic apex locators in detecting simulated horizontal and vertical root fractures: An In-vitro study	ongoing
•	Dr . Mahavir Sarnot	Quality of life and satisfaction of patients after nonsurgical primary root canal treatment	ongoing

		provided by undergraduate students, graduate students and endodontic specialists.	
•	Dr.Nilanjana Zende	Efficacy of Mineral Trioxide Aggregate (MTA) , Slow Polymerizing Platelet Rich Fibrin (PRF) and Low Level Laser Therapy (LLLTT) for treatment of permanent molars affected with irreversible pulpitis- A Randomised Controlled Trial.	ongoing
•	Dr Gowri Pendyala	Comparative evaluation of open flap debridement, leukocyte rich platelet rich fibrin and titanium platelet rich fibrin in the treatment of three walled intrabony defects in Stage II and Stage III Periodontitis: A Clinical study.	Ongoing
•	Dr Vinay H Vadvadgi	Epidemiology of Periodontal Status and Effectiveness of Oral Health Education and Promotion Programme on Quality of Life in Dentate of Tribal and Non Tribal Population of Western Maharashtra	Ongoing
•	Dr. Shubhangi Mani Dr. Tejaswi Morkhandikar	Prevalence of Malocclusion in Loni	Completed
•	Dr. Shubhangi Mani Dr. Vishakha Padhye	Palatal Rugae a Stable Landmark - Acomparison between Extraction and Non-Extraction Patients	Completed
•	Dr. Shubhangi Mani	Comparison of Cephalometric Analysis: Digital Tracing vs Manual Tracing	Completed
•	Dr. Vikram Pagar Patil (PhD student)	An Evaluation of the stress and strain distribution in Cortical and Cancellous bone around a newly designed Microimplant	Ongoing

		under various loading conditions- A finite element Structural analysis	
•	Dr Asha Nara	Prevalence of dentoalveolar trauma among school children in Loni	Completed
•	Dr Sourabh Joshi	Comparative Evaluation of Physical, Antimicrobial, Molecular and Apical Sealing Properties of MTA PLUS and MTA ANGELUS- : AN INVITRO STUDY.	Ongoing
•	Dr Sourabh Joshi	Evaluation of Antibacterial and Antifungal efficacy of Newer Kids e-MTA with Pro-Root MTA and Glass Ionomer Cement.	Ongoing
•	Dr. Sourabh Joshi	Mucocelles of Oral Mucosa: A Five year old Hospital Based Retrospective Study.	Ongoing
•	Dr. Sourabh Joshi	Knowledge and Awareness of Dentists towards Personnel Protection Practices and Infection Control measures in Dental Operatory During COVID -19 Pandemic.	Ongoing
•	Dr. Sourabh Joshi	Pattern and Incidence of Oral Submucous Fibrosis in Rural Children and Adolescents- A 2year hospital based prospective study in Central Maharashtra..	Ongoing
•	Dr Sourabh Joshi	Scaffolds - The Ground For Regeneration- A Systematic Review.	Ongoing
•	Dr Neeta Padmawar	Knowledge , Practice and Awareness about Rotary Instruments in Pulpectomy	Ongoing

		among Indian Pedodontists: A Questionnaire Based Survey.	
•	Dr Neeta Padmawar	Knowledge and awareness regarding Personal Financial Planning among the Postgraduate students studying in Pravara Institute of Medical Sciences(Deemed to be University)	Ongoing
•	Dr Sourabh Joshi	Evaluation of Antibacterial and Antifungal efficacy of Newer Kids e-MTA with Pro-Root MTA and Glass Ionomer Cement.	Ongoing
•	Dr Sunil Mishra Dr. Anita Munde	Efficacy of Aloe Vera gel, spirulina tablet and topical curcumin in management of oral submucous fibrosis:	Ongoing
•	Dr Anjum Farooqui	Prevalence of zygomatic air cell defect in rural population of western maharashtra	Ongoing
•	Dr.Anuja Deshpande Dr. Anita Munde	Determination of sex by maxillary sinus dimensions using CBCT: A retrospective study	Ongoing
•	Dr, Pooja Nayak Dr. Anita Munde	Clinico-demographic study on oral submucous fibrosis in tertiary level rural dental hospital, Maharashtra.- A Retrospective study	Ongoing
•	Dr.Ruchira Sawade Dr. Anita Munde	Incidence of incidental findings in maxillary sinus on CBCT: A retrospective study	Ongoing
•	Dr. Bhagyashree Latti.	Assessment of Dental Anxiety using MDAS (Modified Dental Anxiety Scale) among patients in Rural Dental College,	Completed
•	Dr. Sanjay G Thete	Attitude of general dental practitioners towards biopsy procedures	Completed

•	Dr. Saurabh Sabnis	Xerostomia affecting the Quality of Life (QOL) of Oral Squamous Cell carcinoma patients after Radiotherapy	Ongoing
•	Dr. Rahul B Patil	A Model To Predict Nodal Metastasis In Patients With Oral Squamous Cell Carcinoma.	Completed
•	Dr. Rahul B Patil	Immunohistochemical Analysis Of Tumor Associated Macrophage Receptor Proteins In Oral Potential Malignant Disorders & Oral Squamous Cell Carcinoma	Ongoing
•	Dr. Rahul B Patil	Immunohistochemical Analysis Of Cancer Stem Cell Related Factors In OSCC & Oral Potentially Malignant Disorders	Ongoing
•	Dr Sanjay G Thete	Cementum thickness as a parameter for age estimation	Completed
2020			
•	Dr. Umesh Palekar	Influence of color training exercise on outcome of shade matching	Completed
•	Dr. Umesh Palekar	Repeatability and reproducibility of facebow transfer using an earpiece facebow in edentulous patients - an observational study	Completed
•	Dr. Umesh Palekar, Dr. Alpa, Dr. Veena, Dr. Deepak. Dr. Aperiya Palekar	Measurement of the distance between maxillary central incisors and mid-point of intercondylar axis by cbct- an observational study	Completed
•	Dr Amit Mani	Assessment of knowledge of oral hygiene awareness amongst the dental professionals and dental	Ongoing

		students working at Rural dental college, Loni- A survey	
•	Dr Amit Mani	Assessment of oral hygiene status and dental treatment needs among visually impaired, deaf and dumb, and normal individuals in Ahmednagar district- A survey	Ongoing
•	Dr Amit Mani	Extent of awareness regarding oral health and dental treatment needs among individuals with hearing and speech impairments in Ahmednagar district –A survey	Ongoing
•	Dr Gowri Pendyala	Comparative Evaluation of the adjunctive use of ozone and chlorhexidine in patients with chronic periodontitis- A Clinical Study	Ongoing
•	Dr Gowri Pendyala	Knowledge and Awareness towards maternal periodontal status during pregnancy and its associated outcomes among gynaecologists of Ahmednagar district	Ongoing
•	Dr Vinay H Vadvadgi	Awareness among Medical, Dental professionals regarding the Relationship between Periodontal diseases and Systemic Health: A questionnaire-based survey	Ongoing
•	Dr Vinay H Vadvadgi	Anxiety and Practice Modifications among Dentists to Combat Novel SARS Coronavirus 2 Disease (COVID-19) Outbreak- A pandemic	Ongoing
•	Dr. Shivani Sachdeva	Knowledge, Attitude and effects of wearing Facial Masks- A Survey Amongst Dental Professionals Working At RDC, Loni:	Completed

•	Dr. Shivani Sachdeva	Distribution Of Bone Defects Associated With Chronic Periodontitis Patients-An Observational Study:	Completed
•	Dr. Shivani Sachdeva	Distribution Of Bone Defects Associated With Moderate And Severe Chronic Periodontitis Patients-An Observational Study:	Completed
•	Dr. Shivani Sachdeva	Assessment Of Oral Hygiene Status Of Visually Impaired Children Attending Special Schools In Ahmednagar District- An Survey:	Ongoing
•	Dr. Preeti Kale	Prevalence of Gingival Pigmentation Among A Diverse Population of Ahmednagar District – A Clinical Study.” (PIMS/DR/RDC/2020/365)	Ongoing
•	Dr. Preeti Kale	Assessment of Psychological Impact of the COVID-19 Pandemic on Dental professionals of Ahmednagar District, India. (PIMS/DR/RDC/2020/370)	Ongoing
•	Dr. Preeti Kale	Knowledge and Awareness about Cloned Journals for research publication among Dental Professional (PIMS/DR/RDC/2020/433)	Ongoing
•	Dr. Sumeet Mishra (PhD student)	Evaluation of Malocclusions amongst Tribal Population Residing in Sahyadri Mountains areas of Western Maharashtra Near Bhandardara	Ongoing
•	Dr Harish Saluja	To evaluate the necessity of palatal injection in orthodontics maxillary tooth extractions-a split study	
•	Dr Harish Saluja	A randomized ,single blind multicentre phase iii clinical study to evaluate treatment	

		outcome between infrahyoid and radial forearm flap used for reconstruction of carcinoma of tongue patients.	
•	Dr Harish Saluja	Awareness and knowledge about covid-19 among maintenance staff working in hospital.	
•	Dr Harish Saluja	A comparative study to assess the trends and disparity of oral carcinoma at rural & urban cancer centres of central maharashtra.	
•	Dr Harish Saluja	To observe the pschology of parents of cleft patients of central maharashtra	
•	Dr Asha Nara	Comparative evaluation of antimicrobial efficacy of i-PRF and PRF against E faecalis and C albicans: an ex-vivo study	Ongoing
•	Dr.Meghna Padubidri	Current Knowledge and Awareness among Pedodontists of Maharashtra regarding Prevention of Infective Endocarditis	Completed
•	Dr Sunil Mishra Dr. Anita Munde	Efficacy of Aloe Vera gel, spirulina tablet and topical curcumin in management of oral submucous fibrosis:	Ongoing
•	Dr Sunil Mishra Dr. Anita Munde	Knowledge, awareness and attitude for dental CBCT prescriptions amongst dentist	Ongoing
•	Dr. Rahul B Patil	Quality of life of oral squamous cell carcinoma patients after tumor treatment	Completed
•	Dr. Rahul B Patil	Evaluation of different decalcification agents on teeth - A comparative study	Completed
•	Dr. Rahul B Patil	Evaluation Of Collagen Fibers In ameloblastoma and Keratocystic Odontogenic	Completed

		Tumor:- A Polarised Microscopic Study	
•	Dr Sanjay G Thete	Staining the ground section of the tooth using an innovative plant stain found in the Pravara region, India	Completed
•	Dr Sanjay G Thete	Evaluation of dental anatomy carving for undergraduates in computer-assisted learning vs. conventional learning method	Completed
2021			
•	Dr. Prabha Shakya Newaskar, Dr. Umesh Palekar	Evaluation of superiority and clinical utility of the newly designed framework of fixed partial dentures as compared to conventional design - an invitro-vivo study	Ongoing
•	Dr. Umesh Palekar	Facial soft tissue analysis to identify symmetrical and asymmetrical landmarks	Ongoing
•	Dr. Umesh Palekar	To evaluate and compare the horizontal condylar inclination of patients at mandibular protrusion of 4 mm and 6 mm using polyvinyl siloxane interocclusal material and semiadjustable articulator- an in vivo study	Ongoing
•	Dr. Basawaraj Biradar	Evaluation of effectiveness of electronic apex locators in detecting simulated horizontal & vertical root fractures: an invitro study	Ongoing
•	Dr. Basawaraj Biradar	Comparison of remaining dentin thickness after biomechanical preparation & removal of gutta percha using different rotary files in endodontic retreatment : an invitro study	Ongoing

•	Dr. Shivani Sachdeva	Comparative evaluation of the efficacy of silver nanoparticles mouthwash with chlorhexidine mouthwash in chronic periodontitis patients. a clinical microbiological study: with innovares italy	Ongoing
•	Dr. Shivani Sachdeva	Efficacy of ozone gel with chlorhexidine gel delivered locally in periodontal pockets in chronic periodontitis patients. a randomized controlled double blind clinical trial: with nanolife chennai	Ongoing
•	Dr Shivani Sachdeva	Efficacy Of Ozone Gel With Chlorhexidine Gel Delivered Locally In Periodontal Pockets In Chronic Periodontitis Patients. A Randomized Controlled Double Blind Clinical Trial	Ongoing
•	Dr Shivani Sachdeva	Comparative Evaluation Of The Efficacy Of Silver Nanoparticles Mouthwash With Chlorhexidine Mouthwash In Chronic Periodontitis Patients. A Clinical Microbiological Study	Ongoing
•	Dr Shivani Sachdeva	Knowledge, Attitude An Effects Of Wearing Facial Masks- A Survey Amongst Dental Professionals Working At Rdc, Loni- August 2020	Completed
•	Dr Shivani Sachdeva	Cognizance, Adverse Effects And Motivation Regarding Covid-19 Vaccination Amongst Health Care Professionals: A Cross-Sectional Study	Completed
•	Dr.Gowri Pendyala	Knowledge and Awareness Towards Motivational Interviewing in clinical Practice among Oral health care Professionals of Ahmednagar District2	Completed

•	Dr. Rachita Mustilwar	The knowledge and awareness of managing the medical emergencies among dental interns, post graduates and faculties of Rural Dental College: A survey	Completed
•	Dr. Rachita Mustilwar	Awareness, utilization and opinion of central library amongst undergraduate and postgraduate students of Rural Dental College	Completed
•	Dr Harish Saluja	To evaluate the necessity of palatal injections in orthodontic maxillary extraction.	Ongoing
•	Dr Harish Saluja	To observe psychology of cleft parents in Maharashtra	Completed
•	Dr Harish Saluja	A randomized single blind multi center parallel group phase II clinical study to evaluate treatment outcome between infrahyoid myocutaneous flap & radial forearm flap used for reconstruction of Ca tongue	Ongoing
•	Dr Tanvy Sansgiri	Comparative evaluation of bite force after fixation of condylar fractures with 3-D mini plate vs conventional mini plate:randomized clinical trial	Ongoing
•	Dr Asha Nara	Comparative evaluation of antimicrobial efficacy of I-PRF and PRF membrane against E faecalis and C albicans- In vitro Study	Ongoing
•	Dr Sourabh Joshi	Evaluation of Antibacterial and Antifungal efficacy of Newer Kids-e MTA with ProRoot MTA and Glass Ionomer Cement	Completed
•	Dr Sourabh Joshi	An evaluation of rate of reporting of oral submucous fibrosis in adolescent population of central Maharashtra,India	Ongoing

•	Dr Sourabh Joshi	Comparative evaluation of arginine complex combined with fluoride and standard non fluoridated remineralizing agent- an invitro study	Ongoing
•	Dr Sourabh Joshi	Comparative evaluation of physical, molecular and antimicrobial efficacy of two formulations of MTA	Completed
•	Dr Sunil Mishra	Efficacy of Aloe Vera gel, Spirulina tablet and topical Curcumin in management of Oral Sub mucous Fibrosis:	Ongoing
•	Dr Anjum Farooqui	Prevalence of Zygomatic Air Cell Defect in rural population of western maharashtra	Ongoing
•	Dr Sanjay G Thete	Evaluation of collagen in ameloblastoma and oral squamous cell carcinoma using polarizing microscopy and immunohistochemistry-a retrospective study.	Ongoing
	Dr. Sudharani Biradar	A study of dental age estimation by using coronal pulp cavity index in rural population of Ahmednagar district.	Completed
2022			
•	Dr.Deepak vikhe	Evaluation of Stability of Dental Implants with and without PRF: A Randomized Clinical Trial	Ongoing
•	Dr Shivani Sachdeva	Cognizance And Awareness Of Covid-19 Virus Amongst The Non-Teaching Staff At Health Care Center- A Cross Sectional Study	Completed
•	Dr. Rachita Mustilwar	A survey on oral care practices of patients attending pre anaesthesia clinic for elective surgery in rural tertiary care unit	Ongoing

•	Dr. Preeti Kale Dr. Amit Mani Dr. Raju Anarthe	Knowledge and Awareness about Cloned Journals for research publication among Dental Professionals”	Completed PIMS/DR/RDC/2020/433
•	Dr. Preeti Kale Dr. Amit Mani Dr. Raju Anarthe	Knowledge and Awareness about basic information of scientific journal for research publication among Dental Professionals	Ongoing PIMS/DR//RDC/2021/434
•	Dr. Preeti kale Dr. Amit Mani	Knowledge, awareness, and practices of ergonomics among dental professionals of west-central Maharashtra state, India.: A cross sectional study	Ongoing PIMS/DR//RDC/2022/532
•	Dr. Preeti kale Dr. Amit Mani	Awareness of Medical professionals in India about Cloned Journals for research publications	Ongoing PIMS/DR//RDC/2022/547
•	Dr. Shubhangi Mani	Designing and evaluation of efficacy of innovative Clear functional jaw corrector with Twin block appliance: A randomized clinical Trial	Ongoing
•	Dr Tanvy Sansgiri	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 cancer.	Ongoing
•	Dr Anita Munde	Clinicodemographic and Histopathological Study of Oral Squamous Cell Carcinoma.	Ongoing
•	Dr Anjum Farooqui	Knowledge, attitude & practice of Pregnant Females regarding Oral Health	Completed
•	Dr Anjum Farooqui	Use of Electric Muscle Stimulator To Increase Saliva in Grade III & Grade IV OSMF Patients	Completed

	Dr. Sudharani Biradar	A study of biomonitoring of micronuclei in patients exposed to Cone beam computed tomography.	Ongoing
2023			
•	Dr. Deepak vikhe	Comparison of sealing gel and conventional method on bacterial microleakage at implant healing abutment junction - a randomized clinical control trial	Ongoing
•	Dr Shivani Sachdeva	Diagnostic Tool In Treatment Planning Of Dentinal Hypersensitivity	Ongoing
•	Dr Shivani Sachdeva	Patient Illness Perception In Periodontics : A Questionnaire Based Experimental Trial	Ongoing
•	Dr Anita Munde	Clinico-demographic study on oral submucous fibrosis in tertiary level rural dental hospital, Maharashtra.- A Retrospective study	Completed
•	Dr. N.G. Toshniwal	Efficacy of intermaxillary elastics vs functional bite turbos in the treatment of skeletal class II malocclusion in growing patients: An experimental study.	Ongoing
•	Dr. Shubhangi Mani	Cone beam computed tomographic analysis of efficacy of twin block vs fixed functional appliance on right TMJ in mandibular advancement treatment: A randomized clinical trial	Ongoing
•	Dr. Ravindra Manerikar	Clinical and cephalometric comparison of preorthodontic trainer and twin block appliance in growing patients with a repositioned mandible in skeletal class II	Ongoing

		malocclusion: A randomized clinical trial	
•	Dr. Ravindra Manerikar	The evaluation of efficacy of conventional helical vs non helical palatal expanders in growing patients having transverse maxillary discrepancy: A randomized clinical trial	Ongoing
•	Dr. Shubhangi Mani	Evaluation of photogrammetry as a method to digitize dental study models	Completed
•	Dr. N.G. Toshniwal	A pre and post treatment evaluation of effectiveness of SEC III (Splint, elastic, chin cup) appliance in developing skeletal class III malocclusion in growing patients.	Completed
•	Dr. Ravindra Manerikar	Volumetric upper airway changes in growing patients of mandibular retrognathism undergoing myofunctional treatment with removable and fixed twin block appliance using CBCT.	Completed
•	Dr. Prabha Shakya Newaskar	To design & patent automatic tooth brush sanitizing device	Completed
•	Dr. Prabha Shakya Newaskar	To patent dual-Action Teeth Gap Cleaner with Sensitivity Monitoring and Air Flow	Ongoing
•	Dr. Prabha Shakya Newaskar	To patent the Light-Equipped Intraoral Suction Tip Enhancing Visibility and Precision in Dentistry.	Ongoing
•	Dr. Prabha Shakya Newaskar	To patent Advanced Dental Prosthesis Sensor equipped device for Timely Damage Detection and Care.	Ongoing

•	Dr. Prabha Shakya Newaskar	To patent Healing Agent Dispenser for Effective Pulpotomy Procedures in Dentistry.	Ongoing
•	Dr. Prabha Shakya Newaskar	To patent Advanced Oral Digital Impression Instrument for Precise Tooth Design	Ongoing
•	Prabha Shakya Newaskar, Karvika naik, Pallavi madanshetty, Umesh palekar	To patent Robotic assistance in dental industry for enhancing precision and efficiency in surgery and treatment	Ongoing
•	Dr. Deepak Vikhe	Evaluation of Stability of Dental Implants with and without PRF: A randomized Clinical Trial.	Completed
•	Dr. Deepak Vikhe	Comparison of sealing gel and conventional method on bacterial microleakage at implant healing abutment junction – A randomized clinical control trial.	Completed
•	Dr Gowri Pendyala	A Randomised, Single blind, Multicentre, Clinical Study to evaluate effectiveness of Rotatory handle toothbrush compared with Conventional handle toothbrushes (Straight & Flexible)	Ongoing

•	Dr Anjum Ara Faoouqui	Incidence of Retromolar canal in Rural Population of western Maharashtra Using CBCT :A Retrospective study	Completed
•	Dr Anjum Ara Faoouqui	Prevalence of Incidental cone beam computed tomographic findings among Rural population of Western Maharashtra, : A retrospective study	ongoing
•	Dr Anjum Ara Faoouqui	Assessment of vocational Musculoskeletal disorders in health care providers in Loni,Ahemednagar district; Observational study	ongoing
•	Dr. Basawaraj Biradar	effect of intracanal cryotherapy on fracture resistance of teeth that have undergone treatment with different irrigating solutions: an in vitro study	ongoing
•	Dr. Basawaraj Biradar	effect of three fibre post removal technique on the amount of root dentin an in vitro study	ongoing
•	Dr Monal Karkar	Comprehensive Functional Assessment of Tongue Carcinoma	ongoing

		Patients Post-Reconstructive Surgery	
2024			
•	Dr Sourabh Joshi	Comparative evaluation of Fracture resistance of Carbon Fibre post and Class fibre post in Permanent Anterior teeth- An in-vitro study.	ongoing
•	Dr Sourabh Joshi	Clinical & Radiographic success of Pro Root MTA vs E-mTA -In Vivo study	ongoing
•	DR. VEENA SARAF	CORDLESS MICROMOTOR FOR DENTAL USE”	ongoing
•	Dr. Prabha S. Newaskar	TO PATENT DUAL-ACTION TEETH GAP CLEANER WITH SENSITIVITY MONITORING AND AIR FLOW.	ongoing
•	Dr. Prabha S. Newaskar	TO PATENT THE LIGHT-EQUIPPED INTRAORAL SUCTION TIP ENHANCING VISIBILITY AND PRECISIONIN DENTISTRY.	ongoing
•	Dr. Prabha S. Newaskar	TO PATENT ADVANCED DENTAL PROSTHESIS SENSOR EQUIPPED DEVICE FOR TIMELY DAMAGE DETECTION AND CARE.	ongoing

•	Dr. Prabha S. Newaskar	TO PATENT HEALING AGENT DISPENSER FOR EFFECTIVE PULPOTOMY PROCEDURES IN DENTISTRY.	ongoing
•	Dr. Prabha S. Newaskar	TO PATENT ADVANCED ORAL DIGITAL IMPRESSION INSTRUMENT FOR PRECISE TOOTH DESIGN	ongoing
•	Dr. Prabha S. Newaskar	TO PATENT ROBOTIC ASSISTANCE IN DENTAL INDUSTRY FOR ENHANCING PRECISION AND EFFICIENCY IN SURGERY AND TREATMENT	ongoing
•	Dr. Suraj Thombare	Evaluation of serum lipid profile in patients with oral potentially malignant disorders, OSCC and healthy individuals: An observational study	Ongoing
•	Dr. Anwesha Samanta	Assessment of morphological variations in lingual foramen: A CBCT study	Ongoing
•	Dr Harish Saluja	Screening of Tobacco users using Artificial Intelligence based mobile application for early detection & referral of Oral potentially malignant disorders	Ongoing

Sr.no.	Name of Faculty	Title of Projects	Ongoing /Completed
•	Dr. Shubhangi Mani	Patent on Multifunction Dentoskeletal Correction Aligner	Completed
•	Dr. Abhishek Malage	Thesis: COMPARATIVE EVALUATION OF METAL TONGUE TAMER AND TRADITIONAL TOUNGE SPUR AS A HABIT BREAKING APPLIANCE IN PATIENTS WITH PRIMARY ANTERIOR TONGUE THRUST HABIT.	Completed
•	Dr. Abhishek Malage	Monogram: Dr. Lorenzo Franchi's Contribution in Orthodontics.	Completed
•	Dr. Apurva Tonde	Thesis: ASSESSMENT OF SAGITTAL JAW DYSPLASIA USING CORRELATION OF ANGLE TAU WITH ANGLE ANB, W, YEN AND WITS APPRAISAL.	Completed
•	Dr. Apurva Tonde	Monogram: Dr. W. J Houston's Contribution to Orthodontics	Completed
•	Dr. Nikita Navgire	Thesis: EFFICACY OF INJECTABLE PLATELET RICH FIBRIN ON THE RATE OF CANINE DISTALIZATION: A SPLIT MOUTH STUDY.	Completed
•	Dr. Nikita Navgire	Monogram:Dr. Guilherme Janson Contribution to Orthodontics	Completed

•	Dr. Ragini Ogale	Thesis: EVALUATION OF SKELETAL AND DENTAL CHANGES IN GROWING PATIENTS WITH CLASS II MALOCCLUSION HAVING RETROPOSITIONED LOWER JAW TREATED USING CARRIER MOTION APPLIANCE IN RURAL WESTERN MAHARASHTRA.	Completed
•	Dr. Ragini Ogale	Monogram: Dr. T.P. Chaturvedi - Contribution to Orthodontics.	Completed
•	Dr. Shubhangi Mani (PHD) (Professor)	Designing and evaluation of the Efficacy of Innovative Clear Functional Jaw Corrector with Twin Block appliance: A Randomized Clinical Trial.	Ongoing
•	Dr. Sumeet Mishra (PHD) (Professor)	Evaluation of Malocclusions amongst Tribal Population Residing in Sahyadri Mountains areas of Western Maharashtra Near Bhandardhara.	Ongoing
•	Dr. Abhishek Agale (Second Year PG)	Thesis: A COMPARATIVE STUDY BETWEEN THE EFFECT OF REVERSE CURVE OF SPEE ARCHWIRES AND ANTERIOR BITE TURBOS IN THE TREATMENT OF DEEP OVERBITE CASES: A RANDOMIZED CLINICAL TRIAL.	Ongoing
•	Dr. Abhishek Agale (Second Year PG)	Monogram: Michel Langlade's contribution in Orthodontics.	Ongoing

•	Dr. Nilima Pawade (Second Year PG)	Thesis: THE ROLE OF CHRONOLOGICAL AGE, CERVICAL VERTEBRAL MATURATION INDEX AND MIDDLE PHALANX OF THIRD FINGER IN PREDICTING MANDIBULAR GROWTH SPURT.	Ongoing
•	Dr. Nilima Pawade (Second Year PG)	Monogram: Richard Parkhouse Contribution in Orthodontics.	Ongoing
•	Dr. Sameehan Bodas (Second Year PG)	Thesis: A CLINICAL AND CEPHALOMETRIC PROFILE OF DUAL ACTION VERTICAL INTRAARCH TECHNIQUE IN CORRECTION OF ANTERIOR DENTAL OPEN BITE IN NON-GROWING PATIENT.	Ongoing
•	Dr. Sameehan Bodas (Second Year PG)	Monogram: Dr. William Arnetts Contribution to Orthodontics.	Ongoing
•	Dr. Rutvi Karia (Second Year PG)	Thesis: COMPARISION OF CLINICAL AND CEPHALOMETRIC OUTCOMES WITH RICKETIS Z- SECTIONAL ARCH AND INFRAZYGOMATIC CREST BONE SCREW OF ADULT CLASS II MALOCCLUSION.	Ongoing
•	Dr. Rutvi Karia (Second Year PG)	Monogram: Dr. Sumir Yadav's contribution in Orthodontics- An overview.	Ongoing

•	Dr. Eva Maria Saji (Second Year PG)	Thesis: TREATMENT OUTCOMES OF CONVENTIONAL MBT BRACKET SYSTEM AND SELF-LIGATING BRACKET SYSTEM FOR CORRECTION OF MALOCCLUSION.	Ongoing
•	Dr. Eva Maria Saji (Second Year PG)	Monogram: Dr. Joseph Ghafari's Contribution in Orthodontics.	Ongoing
•	Dr. Sumit Titar (First Year PG)	Thesis: ASSESSMENT OF PATIENTS WITH MOUTH BREATHING TREATED USING CONVENTIONAL AND HOTZ MODIFY OF ORAL SCEEN.	Ongoing
•	Dr. Sumit Titar (First Year PG)	Monogram: Dr. Won Moon's contribution in Orthodontics.	Ongoing
•	Dr. Swapnil Kadam (First Year PG)	Thesis: COMPARISION OF CLINICAL AND RADIOGRAPHICAL OUTCOMES WITH SPEE-ANTEE SPEE WIRE USED IN THE CORRECTION OF OCCUSAL CANT IN THE NATIVE MAHARASHTRIAN POPULATION- A DESCRIPTIVE LONGITUDINAL STUDY.	Ongoing
•	Dr. Swapnil Kadam (First Year PG)	Monogram: Dr. Sanjivan Kanda's contribution in Orthodontics.	Ongoing
•	Dr. Nikita Chavan (First Year PG)	Thesis: EFFICACY OF KINGSLEY'S MAXILLARY ANTERIOR INCLINE PLANE AND CLEAR INVISIBLE INCLINED PLANE SUPPORTED MAXILLO-MANDIBULAR CORRECTOR IN THE MANAGEMENT OF CLASS II	Ongoing

		MALOCCLUSION IN ADOLESCENT PATIENT.	
•	Dr. Nikita Chavan (First Year PG)	Monogram: Dr. Nikhilesh Vaid' Contribution in Orthodontics.	Ongoing
•	Dr. Suraj Thombare (second Year PG)	Thesis: EVALUATION OF SERUM LIPID PROFILE IN PATIENTS WITH ORAL POTENTIALLY MALIGNANT DISORDERS, ORAL SQUAMOUS CARCINOMA AND HEALTHY INDIVIDUALS	Ongoing
•	Dr. Suraj Thombare (second Year PG)	Library Dissertation: Soft tissue swellings in oro facial region	Ongoing
•	Dr. Saloni Ghuge (First Year PG)	Library Dissertation: Role of Artificial Intelligence in Oral Medicine and Radiology	Ongoing
•	Dr. Saloni Ghuge (First Year PG)	Thesis: MORPHOLOGICAL ASSESSMENT OF TMJ SPACES, MANDIBULAR CONDYLE, GLENOID FOSSA AND ARTICULAR EMINENCE USING CONE BEAM COMPUTED TOMOGRAPHY	Ongoing
•	Dr. Shubhangi Dubey (First Year PG)	Library Dissertation: Vascular lesions of the head and neck	Ongoing

•	Dr. Shubhangi Dubey (First Year PG)	Thesis: AGE ESTIMATION BY KVAAL'S METHOD USING MAXILLARY CENTRAL AND LATERAL INCISOR: A CONE BEAM COMPUTED TOMOGRAPHY STUDY	Ongoing
	Dr Chetan Patil (2nd year PG)	Evaluation of Oral Health Status, Salivary parameters, And Dental Caries Experience in Type I Diabetic Patients	
	Dr Rutika Gawand (2nd year PG)	Evaluation of Oral Health Status, Salivary parameters, And Dental Caries Experience in Thalessemia major patients	
	Dr Shrushti Khandelwal	Evaluation of Oral Health Status, Salivary parameters, And Dental Caries Experience in HIV positive patients	
	Dr Payal Pitale	Evaluation of Oral Health Status, Salivary parameters, And Dental Caries Experience in Nephrotic syndrome patients	