


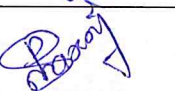
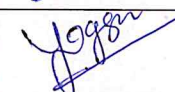


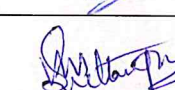
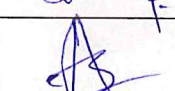



MAEER's PUNE
MIDSR DENTAL COLLEGE AND HOSPITAL LATUR
INSTITUTIONAL ETHICAL COMMITTEE

| Sr. No. | Department | Completed | Ongoing | HOD Signature |
|---------|-------------------------|-----------|---------|---|
| 01. | Prosthodontics | 02 | 14 |  |
| 02. | Oral Pathology | 02 | 02 |  |
| 03. | Conservative Dentistry | 12 | 15 |  |
| 04. | Orthodontics | 10 | 07 |  |
| 05. | Pedodontics | 06 | 11 |  |
| 06. | Oral Surgery | 09 | 03 |  |
| 07. | Periodontics | 01 | 07 |  |
| 08. | Oral Medicine | 01 | - |  |
| 09. | Public Health Dentistry | 05 | 19 |  |




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Department of Prosthodontics

Completed Research Work :

| Sr no | Student Name | Year of Study | Topic name |
|-------|--------------------|---------------|---|
| 1 | Dr. Pratish Kawade | 2020-2023 | To determine whether a similar correlation exists between the PoNANS angle and the occlusal plane- Frankfort horizontal (FH) plane angle. |
| 2 | Dr. Pooja Langote | 2020-2023 | Evaluation Of Existance Of Golden Proportion Ratio In Marathwada Population |


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Department of Prosthodontics

Ongoing Research Work :

| Sr no | Student Name | Year of Studey | Topic name |
|-------|------------------------|----------------|---|
| 1 | Dr. Pratish Kawade | 2020-2023 | Evaluation Of The Effect Of Recasting Nickel-Chromium Base Metal Alloy On The Metal-Cramic Bond Strength: An In Vitro Study. |
| 2 | Dr. Pooja Langote | 2020-2023 | Comparative Evaluation Of Stress Distribution Inperi-Implant Bone Of Edentulous Mandible In All-On-Four Concept Having Different implant inclinations with carbon fiber reinforced Prosthesis – A Three Dimensional finite element analysis |
| 3 | Dr. Bhagyashree Chavan | 2021-2024 | A comparative study to measure condylar guidance by clinical and radiographic methods in completely edentulous patients – An In Vivo clinic-radiographic study |
| 4 | | 2021-2024 | Comparative evaluation of stress distribution in periimplant bone of edentulous mandible in implant supported overdenture with different height of locator attachment – three dimensional finite element analysis. |
| 5 | Dr. jayashree Ghuge | 2021-2024 | To evaluate the corelation of the vibrating line to the fovea palatini and soft palate contour in edentulous patients: an in vitro study |
| 6 | | 2021-2024 | A comparative evaluation of accuracy of two elastomeric impression materials in reproducing precise details of implant impression : an in vitro study. |
| 7 | Dr. Shivani Raut | 2021-2024 | Comparative evaluation of stress distribution inperi-implant bone of edentulous mandible in all-on-four concept having different cantilever length with zirconia framework material– a three dimensional finite element analysis |
| 8 | | 2021-2024 | Comparative evaluation of size and location of mental foramen in marathwada population with cbct evaluation-an in-viv0 study |


| | | | |
|----|------------------------------|-----------|---|
| 9 | Dr. Pratish Prabhakar Kawade | 2020-2023 | Evaluation Of The Effect Of Recasting Nickel-Chromium Base Metal Alloy On The Metal-Cramic Bond Strength: An In Vitro Study |
| 10 | Dr. Pooja Langote | 2020-23 | Comparative Evaluation Of Stress Distribution Inperi-Implant Bone Of Edentulous Mandible In All-On-Four Concept Having Different Implant Inclinations With Carbon Fiber Reinforced Prosthesis – A Three Dimensional Finite Element Analysis |
| 11 | Dr. Pranoti Chinchansure | 2020-23 | Comparative Evaluation Of Three Different Provisional Restorative Materials For Surface Roughness Polishing Agents An In Vitro Study |
| 12 | Dr. Bhagyashree Chavan | 2021-2024 | Comparative evaluation of stress distribution in peri-implant bone of edentulous mandible in implant supported overdenture with different heights of locator attachment – three dimensional finite element analysis. |
| 13 | Dr. Jayshree Ghuge | 2021-2024 | Comparative evaluation of accuracy of two elastomeric materials in reproducing precise details of implant impression; an in vitro study. |
| 14 | Dr. Shivani Raut | 2021-2024 | Comparative evaluation of stress distribution in peri-implant bone with different cantilever lengths in all-on-four concept with zirconia framework material- A 3D finite element analysis |



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MIDSR DENTAL COLLEGE, LATUR
DEPT. OF PUBLIC HEALTH DENTISTRY

Research Projects

| Sr. No. | Topic Name | NAME OF RESEARCHER | Ongoing/Completed |
|---------|--|------------------------|-------------------|
| 1 | Impact Of Social Media On Academic Performance Of Dental Students Of Midsr Dental College | Dr. Ashwini Biradar | Ongoing |
| | | 1.Mahima Hariyani | |
| | | 2.Shreya Ingle | |
| | | 3.Priyanjali Jadhav | |
| | | 4.Priyanka Jadhav | |
| 2 | Oral Health Attitude ,Knowledge And Behavior Among School Children | Dr. Ashwini Biradar | Ongoing |
| | | 1.Vaishali Gaikwad | |
| | | 2.Madhuri Gatate | |
| | | 3.Gauri Gattani | |
| | | 4.Anuradha Gawade | |
| | | 5.Vaishnavi Giram | |
| 3 | Dental Health Anxiety And Influencing Factors Among Patients | Dr. Ashwini Biradar | Ongoing |
| | | 1.Dipali Waghmare | |
| | | 2. Aarti Yedle | |
| | | 3.Nishigandha Yelapure | |
| | | 4.Suraj Thombre | |
| 4 | Perceptions Of How The Internet Has Impacted On Dentistry | Dr. Ashwini Biradar | Completed |
| | | 1.Deshmukh Shruti S | |
| | | 2.Deshmukh Shruti T | |
| | | 3.Dhaygude Sadhana | |
| | | 4.Dahiphale Rutuja | |
| | | 5.Gaike Trupti | |
| 5 | Evaluation of oral health behavior ,knowledge and attitude of the preclical & clinical dental students | Dr. Ashwini Biradar | Completed |
| | | 1.Shivani Tadwalkar | |
| | | 2.Pavan Jadhav | |
| | | 3.Nitin Jadhav | |
| | | 4.Sneha Hople | |
| | | 5.Shreya A. Swami | |
| | Stress Anxiety Depression In Dental | Dr. Ashwini Biradar | |
| | | 1.Shrikant Patil | |


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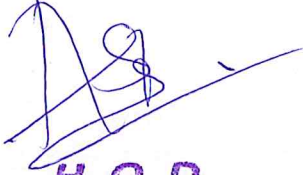

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| | | | |
|----|--|-----------------------|-----------|
| 6 | Stress, Anxiety, Depression in Dental Students | 2.Shreyas Dungalwal | Ongoing |
| | | 3.Rahul Pinate | |
| | | 4.Prasad Dabade | |
| 7 | Factors That Affect The Career And Speciality Preferences Of Dental Students | Dr. Ashwini Biradar | Ongoing |
| | | 1.Dnyaneshwar | |
| | | 2.Swapnil Godbole | |
| | | 3.Suryawanshi Sonali | |
| 8 | Oral Health In Pregnancy | Dr. Ashwini Biradar | Ongoing |
| | | 1.Shreya Swami | |
| | | 2.Swati Suryawanshi | |
| | | 3.Neha Somani | |
| | | 4.Prajakta Shinde | |
| 9 | Assisment Of Knowledge Attitude And Practices To Quit Tobbaco Habits In Relation To Age And Educational Status | Dr. Ashwini Biradar | Completed |
| | | 1.Vishakha Kulkarni | |
| | | 2.Naval Kureshi | |
| | | 3.Yogesh Suryawanshi | |
| | | 4.Hrishikesh Sugawe | |
| | | 5.Shriveni Rathod | |
| 10 | An Epidemiological Survey On awareness Towards Orthodontic Treatment in school Children | Dr. Ashwini Biradar | Completed |
| | | 1.Khandade Ganesh | |
| | | 2.Khude Shivpriya | |
| | | 3.Khandade Disha | |
| | | 4.Vishwanath Chathale | |
| | | 5. Vaishnavi Patil | |
| 11 | Awareness Level of Radiation Protection among Dental students | Dr. Ashwini Biradar | Ongoing |
| | | 1.Kalyani Bhagwat | |
| | | 2.Gangeshwari Chamle | |
| | | 3.Shreya Chidrikar | |
| | | 4.Guari Chounde | |
| 12 | Change in People's Attitude Towards aesthetics | Dr. Ashwini Biradar | Ongoing |
| | | 1.Dípali Jadhwar | |
| | | 2.Mandar Joshi | |
| | | 3.Rutuja Kalnatri | |
| | | 4.Akanshka Kasetwar | |
| | stress During Transition from Pre- | Dr. Ashwini Biradar | |
| | | 1.Barure Shraddha | |

| | | | |
|----|---|---|-----------|
| 13 | Transition from pre-clinical to Clinical Education | 2.Birajdar Shilpashri 3.Kamble Divya 4.Kamble Govind | Ongoing |
| 14 | Social media an efficient dental educational tool for dental students & Practitioners | Dr. Ashwini Biradar 1.Navinkumar 2.Rohit pokalwar 3.Suraj Pinate 4.Mansi Puri | Ongoing |
| 15 | Association between mothers behavior, oral health literacy and children's oral health | Dr. Ashwini Biradar 1.Neha Limbore 2.Sayali Morey 3.Kailas Malshetwar 4 Anjali Mhetre 5.Chaitali Lodha | Completed |
| 16 | Health impact of overdose of mobile phone among dental students | Dr. Ashwini Biradar 1.Shreya jigjini 2.Tamboli Iqra 3.Pragati jondhale 4.Aishwarya zille | Ongoing |
| 17 | Awareness of periodontal health among the students of professional colleges | Dr. Ashwini Biradar 1.vinayak Sangvikar 2.Vinayak sarangn 3.diksha Sarpe 4.Rohini Sawant | Ongoing |
| 18 | Knowledge , attitude & practices survey on Blood donation | Dr. Ashwini Biradar 1. Randive Utkarsha 2. Newale Vaishnavi 3.Rathod Sachin 4.monin Sana kausar | Ongoing |
| 19 | Human Rights and Ethical considerations awareness & indulgence in dental Practice | Dr. Ashwini Biradar 1Patil Sayali 2. Kirti pande 3.Shruti Sawant | Ongoing |
| 20 | Medical Emergencies in dental office | Dr. Ashwini Biradar 1.Dr.Nehal Pawar 2. Latpate Vishakha | Ongoing |

| | | | |
|----|---|---------------------|---------|
| | | 3. Diksha Thorat | |
| 21 | Assessment of factors Influencing dental Students to Choose dentistry as a career | Dr. Ashwini Biradar | Ongoing |
| | | 1.Nandini Maldode | |
| | | 2.Mayuri Kothale | |
| | | 3.Aparna Malu | |
| 22 | Sleep Apnea /snoring .Dentists role in treatment | Dr. Ashwini Biradar | Ongoing |
| | | 1.Ankita Maniyaar | |
| | | 2.Shruti Mhetre | |
| | | 3.Mohini Mehtre | |
| 23 | Students perspective of their Educations about Treating Patients with HIV Infection | Dr. Ashwini Biradar | Ongoing |
| | | 1.Sakshi Mamadge | |
| | | 2.Priya Kulkarni | |
| | | 3.Teashree mane | |
| 24 | Confidence level in performing clinical / endodontic treatment among UG dental Students | Dr. Ashwini Biradar | Ongoing |
| | | 1.Naresh Reddy | |
| | | 2.Pranjali Nanne | |
| | | 3.Rutuja Rokde | |
| | | 4.Pooja Thakare | |
| | | 5.Supriya Thombare | |


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Department of Oral Pathology and Microbiology

Research

| Sr. No | Title Of Project | Faculty Name | Date Of Starting | Current Status |
|--------|--|-------------------|------------------|----------------|
| 1 | Third prize for paper presentation "Histopathological examination is mandatory to confirm the diagnosis of periapical lesions -A Review" in the 4 th international conference on dentistry and oral health on 10 th and 11th March 2022. | Dr. Smita Chaware | Mar-22 | Completed |
| 2 | Second prize for paper presentation "Evaluation of Prognostic significance of tissue eosinophil infiltration in oral squamous cell carcinoma in the 4 th international conference on dentistry and oral health on 10 th and 11th March 2022. | Dr. Varsha Sangle | Mar-22 | Completed |
| 3 | Alternations in levels of lipid Profile in oral submucous Fibrosis: A Clinicopathological studay in the 3 rd international conference on density and oral health on 21th to 22th August 2021 . | Dr. Smita Chaware | Aug-21 | Ongoing |
| 4 | Alternations in levels of lipid Profile in oral submucous Fibrosis: A Clinicopathological studay in the 3 rd international conference on density and oral health on 21th to 22th August 2021 . | Dr. Varsha Sangle | Aug-21 | Ongoing |


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DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS YEAR-2022
COMPLETED RESEARCH REGISTERED


| Sr. No | Name of Researcher | Designation UG/PG/staff position | Title of research | Duration of research | Research committee | | | Purpose of the study |
|--------|-----------------------|----------------------------------|---|----------------------|--------------------|----------|------------------|----------------------|
| | | | | | Date of submission | Status | Date of approval | |
| 1 | Dr. Akshay Khase | PG | Effects of diode laser irradiation on microtensile bond strength of universal adhesive system to dentine: an in-vitro study. | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |
| 2 | Dr. Akshay Khase | PG | Comparative evaluation of surface microhardness of artificially demineralized human enamel treated with four different treatment modalities. | 5/10/2022-28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |
| 3 | Dr. Vaishali Wankhede | PG | Effect of dentinal biomodification with proanthrocyanidin and arginine on remineralization potential of mi varnish on artificial demineralized lesion. | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |
| 4 | Dr. Vaishali Wankhede | PG | Antibacterial efficiency of calcium hypochlorite gel verses sodium hypochlorite gel, chlorhexidine gel and triple antibiotic paste used in regenerative endodontics using classic colony counting test. | 5/10/2022-28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |



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|---|------------------------|----|--|--|--|----------------------|------------|----------|------------|----------|
| 5 | Dr. Shital Bade | PG | | | Effects of various thicknesses of bioceramic and calcium silicate nanoparticle as coronal plugs on leakage and fracture resistance in revascularization: an in vitro study | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |
| 6 | Dr. Shital Bade | PG | | | Comparative evaluation of temperature rise of composite resin using two different generations of light emitting diode curing unit and diode laser: an invitro study. | 5/10/2022-28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |
| 7 | Dr. Yogesh Chanchalwad | PG | | | Effect of ultrasonic or diode laser activation on removal of calcium hydroxide from the root canal walls with different irrigants- an in vitro study". | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |
| 8 | Dr. Yogesh Chanchalwad | PG | | | A comparative evaluation of efficacy of three different optical magnification modalities used for tooth preparation for veneers- an invitro study. | 5/10/2022-28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |
| 9 | Dr. Priyanka Kombade | PG | | | Effects of diode laser irradiation on nanoleakage expression of universal adhesive system: an in-vitro study. | 1/02/2022-28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS YEAR-2022
COMPLETED RESEARCH REGISTERED

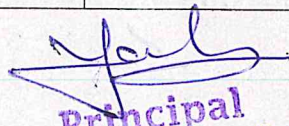
| | | | | | | | | | |
|----|-------------------------|----|--|--|--------------------------|------------|----------|------------|----------|
| 10 | Dr. Priyanka Kombade | PG | | A comparative evaluation of effect of two different protocols of application of silver diamine fluoride on microtensile bond strength of universal adhesive to dentin after accelerated ageing: an invitro study | 5/10/2022- 28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |
| 11 | Dr. Pooja Kendre | PG | | An in vitro comparative evaluation of cleaning efficacy of different irrigants using diode laser and ultrasonic activation system- an sem study | 1/02/2022- 28/02/2022 | 20/01/2022 | Approved | 25/01/2022 | Research |
| 12 | Dr. Pooja Kendre | PG | | An in vitro comparative evaluation of relationship between endodontic access cavity types and cleaning efficacy of two different irrigation systems:an sem study | 5/10/2022- 28/10/2022 | 30/09/2022 | Approved | 3/10/2022 | Research |


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DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS YEAR-2022
ONGOINGRESEARCH REGISTERED

| Sr. No | Name of Researcher | Designation UG/PG/Staff Position | Name of Co Researcher/ Guide | Title of Research | Duration of Research | Research Committee | | | Purpose of The Study Thesis /Phd/ Research& Publication |
|--------|--------------------------------|----------------------------------|------------------------------|---|----------------------|--------------------|-------------|------------------|---|
| | | | | | | Date of Submission | Status | Date of Approval | |
| 1 | Dr. Akshay Arun Khase | PG | Dr. Ramchandra Kabir | comparison of cross sectional hardness and evaluation of sub surface changes under scanning electron microscope of artificially demineralized human enamel treated with four different treatment modalities : an in vitro study | 2021-2023 | | in progress | | |
| 2 | Dr. Shital Suresh Bade | PG | Dr. Sunanda Gaddalay | comparative evaluation of photopolymerization efficacy as depth of cure and temperature rise of composite resin using two different generations of light emitting diode curing unit and diode laser: an in vitro study | 2021-2023 | | in progress | | |
| 3 | Dr. Vaishali Rajendra Wankhede | PG | Dr. Anita Kale | incidence of dentinal crack formation following instrumentation with hand k files, protaper next, reciproc blue and trunatomy: an in vitro study | 2021-2023 | | in progress | | |


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|---|--------------------------------------|----|----------------------------|--|---------------|--|----------------|--|--|
| 4 | Dr. Yogesh Balaji Chanchalwad | PG | Dr. Sunanda Gaddalay | Comparative evaluation of dentinal tubule penetration and push out bond strength of AH plus sealer incorporated with three different nanoparticles: An in vitro study | 2022- 2024 | | in progress | | |
| 5 | Dr. Priyanka Dhananjay Kombade | PG | Dr. Ramchandra Kabir | comparative evaluation of effect of three alternative self-etch modes on microtensile bond strength of two different universal adhesive to dentin after accelerated aging : An in vitro study | 2022- 2024 | | in progress | | |
| 6 | Dr. Pooja Vajnath Kendre | PG | Dr. Amol Badgire | Comparative evaluation of antimicrobial efficacy of two different irrigating solutions using two different activation methods: An in vitro study | 2022- 2024 | | in progress | | |
| 8 | Dr. Yogesh Balaji Chanchalwad | PG | Dr. Sunanda Gaddalay | Comparative evaluation of incorporating egg shell nano particles in various concentrations to AH Plus sealer on its flow characteristics, setting time and solubility : An in- vitro study. | 2023 | | in progress | | |

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS YEAR-2022

ONGOINGRESEARCH REGISTERED

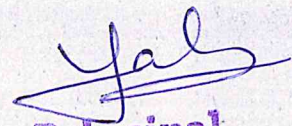
| | | | | | | | |
|----|--------------------------------------|----|----------------------------|--|------|----------------|--|
| 9 | Dr. Priyanka Dhananjay Kombade | PG | Dr. Ramchandra Kabir | comparative evaluation of effect of two different protocols of application of silver diamine fluoride on nanoleakage expression of universal adhesive to dentin after accelerated ageing: An in vitro study | 2023 | in progress | |
| 10 | Dr. Pooja Vajinath Kendre | PG | Dr. Amol Badgire | comparative evaluation of push-out bond strength of two different posts system to root dentin by using two different luting cement : An in vitro study | 2023 | in progress | |
| 11 | Dr. Sayali Ashok Daphal | PG | Dr. Amol Badgire | evaluate the effect of three different reducing agents in recovering of bond strength to sodium hypochloride treated dentin with composite resin: An in vitro study | 2023 | in progress | |
| 12 | Dr. Shubham Vankat Galale | PG | Dr. Ramchandra Kabir | comparative evaluation of effect of two different dentin pre-treatment protocols on nanoleakage expression of universal adhesive bonded to dentin: An in vitro study. | 2023 | in progress | |

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|----|--------------------------------|----|----------------------|---|------|--|-------------|--|
| 13 | Dr. Yamini Devanand Khotele | PG | Dr. Anita Kale | Evaluate tooth whitening effect and microhardness effect of non-carbamide peroxide over the counter bleaching products on dental enamel surface: An in vitro study | 2023 | | in progress | |
| 14 | Dr. Varsha Parmeshwar Komatwar | PG | Dr. Pravin Dhore | effect of diode laser activated chelating agents on push out bond strength of bioceramic sealer: An in vitro comparative study | 2023 | | in progress | |
| 15 | Dr. Aditya Devidas Muchewad | PG | Dr. Ramchandra Kabir | comparative evaluation of effect of two different dentin pre-treatment protocols on microtensile bond strength of universal adhesive bonded to dentin: An in vitro study. | 2023 | | in progress | |



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Dept of Orthodontics

Completed Research

1. **PERCEPTION AND PRACTICE AMONGST ORTHODONTIC PROFESSIONALS AND POST GRADUATES TOWARDS ACCELERATED ORTHODONTIC TREATMENT: A QUESTIONNAIRE SURVEY.**
Researcher- DR PRAVINKUMAR S MARURE
CO WORKER : DR SURESH KANGANE, DR ANKITA G JAYBHAYE
2. **A SURVEY ON AWARENESS, ATTITUDE AND PERCEPTION TOWARDS DENTAL MALOCCLUSION AND ORTHODONTIC TREATMENT AMONG UNDER GRADUATE DENTAL STUDENTS**
Researcher- DR PRAVINKUMAR S MARURE
CO WORKER : DR SURESH KANGANE, DR SHRUTHI CHANDAK , DR ANKITA G JAYBHAYE MAHESH S.
3. **TO EVALUTE THE ADVERSE PSYCHOLOGICAL AND ACEDMIC EFFECT ON DETNAL POST GRADUATE STUDENT DURING LOCK DOWN OF COVID 19 PANDEMIC SITUATION IN MAHARASHTRA.**
Researcher- DR MAHESH CHOURE
CO WORKER : DR SURESH KANGANE, DR.YATISHKUMAR JOSHI, DR SHRUTHI CHANDAK
4. **FACTORS INFLUENCING PATIENT BEFORE SELECTING THEIR ORTHODONTIST - ACCEPTED IN JIOS**
Researcher- DR SMITA WARPE
CO WORKER- Dr Anand Ambekar,Dr Sujit Zadke
5. **THE UNIFIED DENOVO AP DIAGNOSTIC DEVICE – CLINICAL INNOVATION**
Researcher- -DR ANKITA G JAYBHAYE
CO WORKER- DR PRAVINKUMAR S MARURE
6. **ANGULAR GAUGE ORTHODONTIC CLINICAL DIAGNOSTIC DEVICE**
Researcher- -DR ANKITA G JAYBHAYE
CO WORKER- DR PRAVINKUMAR S MARURE
7. **AWARNNESS AND PERCEPTION REGARDING POST COVID MUCORMYCOSIS IN GENERAL MEDICAL AND DENTAL PRACTITIONER AND ITS IMPACT ON ORTHODONTIC TREATMENT.**
Researcher- DR JYOSTNA CHATE
CO WORKER- Dr. Suresh Kangane
8. **ANDYS T PIN CROWN AND ROOT ALIGNING AUXILLARY**
Researcher- Dr. Sayli
Co worker- Dr. Anand Ambekar
9. **THREE DIMENSIONAL ORTHODONTIC STUDY MODEL BASING DEVICE**
Researcher- Dr. Ankita Jaybhay
Co worker- Dr. Sayli
10. **UNDERSTANDING, ACCEPTANCE AND COMPLIANCE TOWARDS ORTHODONTIC TREATMENT. AN INTERVIEW SURVEY ON ONGOING CASES.**
Researcher – Dr. Payal Bhutada
Co Worker – Dr. Pravinkumar Marure


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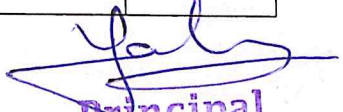
1. **EVALUATING THE EFFECTS OF ANTIOXIDANT ANDESSENTIAL OIL CONTAINING MOUTHWASH ON PREVENTION OF GINGIVAL DISEASES IN PATIENTS DURING FIXED ORTHODONTIC TREATMENT- A DOUBLE RANDOMIZED CONTROL TRIAL.**
Researcher - Dr. Swathilekshmi Nair
Co Worker - Dr. Yatish Joshi
2. **ARTIFICIAL INTELLIGENCE: A REVIEW ARTICLE.**
Researcher - Dr. Swathilekshmi Nair
Co Worker - Dr. Yatish Joshi
3. **ALIGNNESS: REVIEW ARTICLE.**
Researcher - Dr. Trupti Nakhate
Co Worker - Dr.Suresh Kangane
4. **INTRAORAL SCANNERS: NEW ERA IN IMPRESSION MAKING – A REVIEW ARTICLE.**
Researcher - Dr. Payal Bhutada
Co Worker – Dr. Pravinkumar Marure
5. **AWARENESS AMONG ORTHODONTIC FRATERNITY REGARDING DISPOSAL OF CLEAR ALIGNNESS: A QUESIONAIRRE STUDY.**
Researcher - Dr. Trupti Nakhate
Co Worker - Dr.Suresh Kangane
6. **EFFICACY OF HERBAL MOUTHWASH ON PATIENT UNDRGOING ORTHODONTIC TREATMENT IN MAINTAING ORAL HEALTH: SCOPING REVIEW.**
Researcher - Dr. Swathilekshmi Nair
Co Worker - Dr. Yatish Joshi
7. **CUSTOMIZED SLINETNITE APPLIANCE.**
Researcher - Dr. Manjusha Patil
Co Worker - Dr. Anand Ambekar


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MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH, LATUR
 Department of Pediatric and Preventive Dentistry
 COMPLETED RESEARCH YEAR: 2022

| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of starting | Date of completion | Research Committee | | | Purpose of the study |
|--------|------------------------------------|----------------------|---------------------|---|------------------|--------------------|--------------------|-----------|------------------|---------------------------------------|
| | | | | | | | Date of submission | Status | Date of approval | |
| 1 | Pedodontics & Preventive Dentistry | Dr. Swapnil Yadav | Dr. Yogesh J. Kale | Comparative evaluation of different pre biotic enhanced probiotic on growth of streptococcus mutants: An in-vitro study | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Thesis /Ph.D./ Research & Publication |
| 2 | Pedodontics & Preventive Dentistry | Dr. Yogesh J. Kale | Dr. Swapnil Yadav | Comparative evolution of self proliferation and regeneration potential of propolis and biodentine on SHED | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Research and publication |
| 3 | Pedodontics & Preventive Dentistry | Dr. Nikita Chordia | Dr. Mahesh Dadpe | Comparative evaluation of different storage media on hardness and fracture resistance of reattached tooth fragment: An in vitro study | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Thesis |
| 4 | Pedodontics & Preventive Dentistry | Dr. Mahesh Dadpe | Dr. Nikita Chordia | Antimicrobial efficacy off Tridax procumbens as root canal irrigant – An in-vitro study | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Research and publication |
| 5 | Pedodontics & Preventive Dentistry | Dr. Shruti Bhamre | Dr. Prasanna Dahake | Effect of herbal extract of spilanthus acmella and cinnamon oil on E. faecalis biofilm formation: An in-vitro study. | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Thesis |
| 6 | Pedodontics & Preventive Dentistry | Dr. Prasanna Dahake | Dr. Shruti Bhamre | Effect of combination of various biomimetic materials on stem cells exfoliated from human deciduous teeth (SHED) | 01/08/2019 | 08/03/2022 | 01/08/2019 | Completed | 21/10/2020 | Research and publication |


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 ONGOING RESEARCH YEAR: 2022

| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of starting | Estimated Date of completion | Research committee | | | Purpose of the study Thesis /PHD/ Research & Publication |
|--------|----------------------------------|-----------------------|-----------------------|--|------------------|------------------------------|--------------------|---------|------------------|---|
| | | | | | | | Date of submission | Status | Date of approval | |
| 1 | Pediatric & Preventive Dentistry | Dr. Shreeram Gidhwani | Dr. Yogesh Kale | Comparative evaluation of stress distribution in endodontically treated primary maxillary central incisor restored with three different posts and zirconia crown – A Finite element analysis | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 09/07/2021 | Thesis |
| 2 | Pediatric & Preventive Dentistry | Dr. Yogesh Kale | Dr. Shreeram Gidhwani | Antimicrobial efficacy of different obturating material in primary teeth – an in vitro study | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 09/07/2021 | Research & Publication |
| 3 | Pediatric & Preventive Dentistry | Dr. Pooja Shelke | Dr. Mahesh Dadpe | Comparative evaluation of three herbal extract in inhibiting progress of plaque biofilm induced early carious lesion – an in-vitro study | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 09/07/2021 | Thesis |
| 4 | Pediatric & Preventive Dentistry | Dr. Mahesh Dadpe | Dr. Pooja Shelke | Evaluation of cytotoxic effects of EDTA and EDTA modified with silver nano particles on human periodontal ligament fibroblasts: An in-vitro study | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 09/07/2021 | Research & Publication |
| 5 | Pediatric & Preventive Dentistry | Dr. Mayur Dugad | Dr. Prasanna Dahake | Comparative Evaluation of cytotoxicity an anti-inflammatory potential of novel obturating material and its modification wit zinc oxide eugenol on primary pulp fibroblast | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 09/07/2021 | Thesis |
| 6 | Pediatric & Preventive Dentistry | Dr. Prasanna Dahake | Dr. Mayur Dugad | Comparative evaluation of genotoxicity of novel obturating material and its modification with zinc oxide eugenol on primary pulp fibroblast | 14/01/2021 | 28/02/2023 | 14/01/2021 | Ongoing | 14/01/2021 | Research & Publication |


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Head
 Department of Pedodontics
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| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of starting | Estimated Date of completion | Research committee | | | Purpose of the study |
|--------|----------------------------------|----------------------|----------------------|--|------------------|------------------------------|--------------------|----------|------------------|-------------------------------------|
| | | | | | | | Date of submission | Status | Date of approval | |
| 1 | Pediatric & Preventive Dentistry | Dr. Sanmati Gandhi | Dr. Prasanna Dahake | Evaluation of antibacterial efficacy of new combination of green synthesized silver nanoparticles, Tridax procumbens and mineral trioxide aggregate against <i>P. gingivalis</i> . An In-vitro study | 13 June 2022 | 12 June 2024 | 07 June 2022 | On Going | 11 Nov. 2022 | Thesis /PHD/ Research & Publication |
| 2 | Pediatric & Preventive Dentistry | Dr. Prasanna Dahake | Dr. Sanmati Gandhi | Comparative evaluation of cytotoxicity and anti-inflammatory potential of novel pulpotomy agent | 13 June 2022 | 12 June 2024 | 07 June 2022 | On Going | 11 Nov. 2022 | Research & Publication |
| 3 | Pediatric & Preventive Dentistry | Dr. Pooja Gopalghare | Dr. Mahesh Dadpe | Effect of two surface treatments on push out bond cemented with flowable composite resin cement: An in vitro study | 13 June 2022 | 12 June 2024 | 07 June 2022 | On Going | 11 Nov. 2022 | Thesis |
| 4 | Pediatric & Preventive Dentistry | Dr. Mahesh Dadpe | Dr. Pooja Gopalghare | Comparative evaluation of push out bond strength in endodontically treated permanent maxillary central incisor restored with three different posts: An In-vitro study | 13 June 2022 | 12 June 2024 | 07 June 2022 | On Going | 11 Nov. 2022 | Research & Publication |
| 5 | Pediatric & Preventive Dentistry | Dr. Niketa Deshmukh | Dr. Yogesh Kale | Comparative evaluation of colour stability, wear and fracture resistance of newly intraluted preformed resin polymer crown with preformed Zirconia crown: An In vitro study. | 19 Oct 2022 | 12 June 2022 | 13 Oct. 2022 | On Going | 11 Nov. 2022 | Thesis |

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Research Activities
Dept of Oral & Maxillofacial Surgery
Research Project - Completed

| Sr. No | Title Of Project | Name | Period |
|--------|--|----------------------|------------|
| 1. | EVALUTION OF EFFICACY OF NEW RESORBABLE DRESSING – RESO-PAC AFTER SURGICAL REMOVAL OF MANDIBULAR THIRD MOLAR-A PROSPECTIVE STUDY. | Dr. Ajay Sorate | 2020- 2022 |
| 2. | EVALUTION OF ANAESTHETIC EFFICACY OF MODIFIED LABIAL INFILTRATION METHOD ON THE NASOPALATINE NERVE | Dr. Ajay Sorate | 2021- 2022 |
| 3. | EVALUATION OF PAIN BY USING INTRAVENOUS PARACETAMOL AS PRE-EMPTIVE DRUG IN 3 RD MOLAR SURGERY | Dr. Samruddhi Danave | 2020- 2022 |
| 4. | EVALUATION OF STRESS LEVEL IN TRAUMA PATIENTS UNDERGOING MAXILLOFACIAL SURGERY | Dr. Samruddhi Danave | 2021-2022 |
| 5. | COMPARATIVE EVALUATION OF EFFECTIVENESS OF TISSUE ADHESIVE (ISO-AMYL2 CYANOACRYLATE GLUE)AND TRADITIONAL SUTURES (TRUSILK 3-0 SUTURE) FOR INTRAORAL WOUND HEALING AFTER ALVEOLOPLASTY :- A RANDOMIZED CONTROL TRIAL. | Dr.Minal Sonare | 2020- 2022 |
| 6. | EVALUATION OF THE EFFICACY OF SIMVASTATIN IN BONE REGENERATION AFTER EXTRACTION OF FIRST MANDIBULAR MOLAR FOR ALVEOLAR RIDGE PROTECTION-A | Dr.Minal Sonare | 2021- 2022 |


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| | RANDOMIZED CLINICAL TRIAL. | | |
| 7. | COMPARISION OF LOCAL ANESTHESIA WITH ADRENALINE V/S BUFFERED (SODIUM BICARBONATE) LOCAL ANESTHESIA WITH ADRENALINE | Dr. Paras Doshi | 2021-2023 |
| 5. | PENTOXIPHYLLIN EFFICACY IN SUB MUCOUS FIBROSIS PATIENT | Dr. Varsha Jaju | 2021-2023 |
| 6. | COMPARATIVE ASSESSMENT OF INTRA-SOCKET DISPERSIBLE PIROXICAM TABLET AND ORAL PIROXICAM TABLET IN POST-OPERATIVE PAIN MANAGEMENT AFTER SURGICAL EXTRACTION OF MANDIBULAR MOLAR | Dr. Priyanka Bhapkar | 2021-2023 |



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Research Activities
Dept of Oral & Maxillofacial Surgery
Research Project - Ongoing

| Sr. No | Title Of Project | Name | Period |
|---------------|---|----------------------|---------------|
| 1. | A COMPARATIVE STUDY TO EVALUATE THE EFFICACY OF PENTOXIFYLLINE AND MULTIVITAMIN IN THE TREATMENT OF SUBMUCOUS FIBROSIS. | Dr. Varsha Jaju | 2022-2024 |
| 2. | COMPARATIVE EVALUATION OF LOCAL ANESTHESIA WITH ADRENALINE V/S BUFFERED LOCAL ANESTHESIA WITH ADRENALINE | Dr. Paras Doshi | 2022-2024 |
| 3. | COMPARATIVE EVALUATION OF INTRA-SOCKET DISPERSIBLE PIROXICAM TABLET AND ORAL PIROXICAM IN POSTOPERATIVE PAIN MANAGEMENT AFTER MANDIBULAR THIRD MOLAR TRANSALVEOLAR EXTRACTION | Dr. Priyanka Bhapkar | 2022-2024 |


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 MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH, LATUR

COMPLETED RESEARCH YEAR: 2022

| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of starting | Estimated Date of completion | Research committee | | | Purpose of the study |
|--------|------------------------|----------------------|---------------------|---|------------------|------------------------------|--------------------|----------|------------------|---|
| | | | | | | | Date of submission | Status | Date of approval | |
| 1 | Periodontics | Dr. Anusha Math | Dr. Omkumar Baghele | Facial profile of Young Indian Women from Maharashtra - A cross sectional pilot study | 15/05/2022 | 15/07/2022 | 14/03/2022 | Approved | 26/11/2022 | Thesis /PHD/ Research & Publication Research |



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ONGOING RESEARCH YEAR: 2022

| Sr. No | Name of the Department | Principal Researcher | Co-Researcher | Title of Research | Date of starting | Estimated Date of completion | Research committee | | | Purpose of the study |
|--------|------------------------|----------------------|------------------------|--|------------------|------------------------------|--------------------|----------|------------------|----------------------|
| | | | | | | | Date of submission | Status | Date of approval | |
| 1 | Periodontics | Dr. Poonam Kande | Dr. Vishundas Bhandari | A Comparative evaluation of the salivary alkaline phosphates level in premenopausal and postmenopausal women with periodontitis before and after scaling and root planing- A clinico-biochemical study | 18/01/2021 | 18/01/2023 | 14/01/2021 | Approved | 27/06/2022 | Thesis |
| 2 | Periodontics | Dr. Anusha Math | Dr Om Baghele | An evaluation of the relationship between keratinized gingiva and the relative positioning of mucogingival junction to anterior facial proportions and landmarks in periodontally healthy individuals- A cross-sectional study | 18/01/2021 | 18/01/2023 | 14/01/2021 | Approved | 27/06/2022 | Thesis |


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|---|--------------|----------------------|------------------------|---|------------|------------|------------|----------|------------|--------|
| 3 | Periodontics | Dr. Shital Nagime | Dr Gauri Ugale | Evaluation of keratinized tissue width and gingival tissue thickness in anterior teeth region of periodontally healthy subjects and periodontitis patients before and 1 month after phase-1 therapy-A comparative clinical study | 18/01/2021 | 18/01/2023 | 14/01/2021 | Approved | 27/06/2022 | Thesis |
| 4 | Periodontics | Dr. Ashutosh Agarwal | Dr. Raghvendra N. M. | FINAL DISSERTATION (THESIS) Comparative clinical evaluation of the efficacy of mini flap versus mini flap along with placement of autologous platelet rich fibrin (PRF) membrane in moderate periodontal pockets- Randomized clinical trial. | 12/07/2022 | 12/07/2024 | 01/11/2022 | Approved | 03/11/2022 | Thesis |
| 5 | Periodontics | Dr. Nikita Palkar | Dr. Vishnudas Bhandari | FINAL DISSERTATION (THESIS) Evaluation of neutrophil to lymphocyte(NLR),platelet to lymphocyte(PLR),and lymphocyte to monocyte (LMR)ratios in peripheral | 12/07/2022 | 12/07/2024 | 20/10/2022 | Approved | 03/11/2022 | Thesis |

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ONGOING RESEARCH YEAR: 2022

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|---|--------------|------------------|------------------|--|---|--|------------|------------|------------|----------|------------|--|--|--|--------|-------------------|
| | | | | | blood of patients having periodontitis with type 2 Diabetes mellitus before and one month after scaling and root planning. | | | | | | | | | | | |
| 6 | Periodontics | Dr. Surbhi Patil | Dr. Gauri Ugale | | FINAL DISSERTATION (THESIS) Comparative clinical evaluation of maxillary labial frenum position after Frenectomy using conventional and paralleling technique –A Randomized clinical trial | | 12/07/2022 | 12/07/2024 | 20/10/2022 | Approved | 03/11/2022 | | | | Thesis | Ph.D. Research |
| 7 | Periodontics | Dr. Om Baghele | Dr. Kini (Guide) | | A radiographic survey of periodontal conditions in Maharashtra, India: A cross-sectional study | | 01/08/2022 | 30/07/2025 | 22/06/2022 | Approved | 22/06/2022 | | | | | |



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Dept. Of Periodontics
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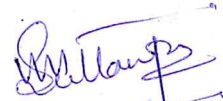
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MIDSR DENTAL COLLEGE LATUR

Oral Medicine & Radiology

Research Projects list

| Sr No | Staff Name | Research Projects |
|-------|----------------------|---|
| 1 | Dr. Vijayalaxmi Male | Assessment of knowledge and perception towards radiation protection protocols – A Questionnaire Based study |



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