

# TITLES REGISTERED FOR RESEARCH

2016

| DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY |                        |                      |                        |   |                  |                              |                    |          |                  |
|--|------------------------|----------------------|------------------------|---|------------------|------------------------------|--------------------|----------|------------------|
| Sr. No                                     | Name of the Department | Principal Researcher | Co-Researcher          | Title of Research   | Date of Starting | Estimated Date of Completion | Research Committee |          |                  |
|  |                        |                      |                        |   |                  |                              | Date of Submission | Status   | Date of Approval |
| 1  | Oral Surgery THESIS    | Dr. Swati Jadhav     | Dr. Syed Ahmed         | Coronectomy (Partial Odontectomy in Impacted Mandibular Third Molar - A Prospective Study   | 21/11/2016       | 22/11/2018                   | 22/11/16           | Approved | 28/11/16         |
| 2  | Oral Surgery THESIS    | Dr. Shraddha Patil   | Dr. Sheeraz Badal      | Evaluation of Orbital Fracture and Associated Ophthalmic Injuries in Maxillofacial Trauma   | 23/11/2016       | 22/11/2018                   | 24/11/16           | Approved | 28/11/16         |
| 3  | Oral Surgery THESIS    | Dr. Priyanka Samel   | Dr. Rahul Lature       | Comparative Evaluation of Simple Interrupted Sutures and Eversion with Three Horizontal Mattress Sutures for End-to-End Microvascular Anastomosis on Placental Vessels – in Vitro Study | 22/11/2016       | 22/11/2018                   | 24/11/16           | Approved | 28/11/16         |
| DEPARTMENT OF ORTHODONTICS                 |                        |                      |                        |   |                  |                              |                    |          |                  |
| Sr. No                                     | Name of the Department | Principal Researcher | Co-Researcher          | Title of Research   | Date of Starting | Estimated Date of Completion | Research Committee |          |                  |
|  |                        |                      |                        |   |                  |                              | Date of Submission | Status   | Date of Approval |
| 4  | Orthodontics THESIS    | Dr. Rujuta Deshpande | Dr. Pravinkumar Marure | Evaluation of the effects of intrusion combined with anterior retraction on apical root resorption  | 16/5/2016        | 15/12/2018                   | 17/5/16            | Approved | 20/5/16          |
| 5  | Orthodontics THESIS    | Dr. Jayshri Bhangare | Dr. Anand Ambekar      | Determining most suitable dental arch wire form in regional population – An in vitro study  | 16/5/2016        | 15/12/2018                   | 17/5/16            | Approved | 20/5/16          |

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| 6   | Orthodontics<br>THESIS   | Dr. Tejshree Vaprani | Dr. Suresh Kangane | Effects of micro-osteoperforation on rate of orthodontic tooth movement during canine retraction – An in vivo study  | 15/5/2016        | 15/12/2018                   | 16/5/16            | Approved | 20/5/16          |
|---|--------------------------|----------------------|--------------------|--|------------------|------------------------------|--------------------|----------|------------------|
| <b>DEPARTMENT OF PROSTHODONTICS</b>                 |                          |                      |                    |  |                  |                              |                    |          |                  |
| Sr. No  | Name of the Department   | Principal Researcher | Co-Researcher      | Title of Research  | Date of Starting | Estimated Date of Completion | Research Committee |          |                  |
|   |                          |                      |                    |  |                  |                              | Date of Submission | status   | Date of Approval |
| 7   | Prosthodontics<br>THESIS | Dr Varsha Joteppa    | Dr. Ajit Jankar    | A comparative evaluation of dimensional accuracy of implant cast made by multiple implant impression technique with or without different splinting materials: an in- vitro study | 10/10/2016       | 31/08/2018                   | 11/10/16           | Approved | 14/10/16         |
| 8   | Prosthodontics<br>THESIS | Dr Siddhant Randive  | Dr. Bhushan Bangar | Comparative evaluation of effect of different surface conditioning methods on the shear bond strength between zirconia core and veneering ceramic: An in vitro study             | 10/10/2016       | 31/08/2018                   | 11/10/16           | Approved | 14/10/16         |
| 9   | Prosthodontics<br>THESIS | Dr Kunal Vaishnav    | Dr. Suresh Kamble  | Evaluation of shear bond strength between dual cure resin cement and chemically treated titanium surface: An in vitro study  | 10/10/2016       | 31/08/2018                   | 11/10/16           | Approved | 14/10/16         |
| <b>DEPARTMENT OF CONSERVATIVE &amp; ENDODONTICS</b> |                          |                      |                    |  |                  |                              |                    |          |                  |
| 10  | Cons and Endo<br>THESIS  | Dr Sana Mohani       | Dr Yogesh Ahirrao  | Comparison of Shear Bond Strength of Self Adhering Flowable Composite and Light Cure Glass Ionomer Cement to Mineral Trioxide  | 21/11/2016       | 22/11/2018                   | 22/11/16           | Approved | 25/11/16         |

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|    |                      |                     |                     | Aggregate, Biodentine and Theracal LC- An In Vitro Study.   |            |            |          |          |          |
| 11 | Cons and Endo THESIS | Dr Sonali Gite      | Dr Sunanda Gaddalay | A Comparative evaluation of cleaning efficacy of rotary and reciprocating single file systems – an in-vitro SEM study                 | 23/11/2016 | 22/11/2018 | 24/11/16 | Approved | 28/11/16 |
| 12 | Cons and Endo THESIS | Dr Ajay Kute        | Dr Anita Kale       | Effect of Three Different Endodontic Sealer Materials on Retentive Strength of FibrePost : An In-Vitro Study                          | 22/11/2016 | 22/11/2018 | 24/11/16 | Approved | 28/11/16 |
| 13 | Cons and Endo        | Dr Maryam Pathan    | NIL                 | Comparison of fracture resistance of reattached incisors tooth fragments restored with three different material                       | 25/1/2016  | 22/3/2016  | 27/1/16  | Approved | 29/1/16  |
| 14 | Cons and Endo        | Dr. Sneha Ratnani   | NIL                 | Evaluation of microhardness of root dentin when exposed to two different intracanal calcium hydroxide combinations –an in vitro study | 25/1/2016  | 22/3/2016  | 27/1/16  | Approved | 29/1/16  |
| 15 | Cons and Endo        | Dr ShrutiHariramani | NIL                 | EVALUATION OF MICROLEAKAGE OF 3 DIFFERENT MATERIALS USED AS INTRAORIFICEBARRIERS – AN IN VITRO STUDY                                  | 25/1/2016  | 22/3/2016  | 27/1/16  | Approved | 29/1/16  |
| 16 | Cons and Endo        | Dr. Priyanka Bawa   | NIL                 | Comparative evaluation of shear bond strength of composite resin with MTA & Biodentine: An in vitro study                             | 25/1/2016  | 22/3/2016  | 27/1/16  | Approved | 29/1/16  |



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| 17 | Cons and Endo | Dr. Godavari Nagargoje | NIL               | RAPID DECONTAMINATION OF GUTTA PERCHA CONES USING FOUR DIFFERENT CHEMICAL AGENTS  | 25/1/2016 | 22/3/2016  | 27/1/16 | Approved | 29/1/16 |
| 18 | Cons and Endo | Dr Kunal Walkar        | NIL               | An in vitro evaluation of apical sealing ability of resilon with epiphany sealer, gutta-percha with AH plus sealer, and gutta-percha with MTA fill apex sealer using dye penetration method | 25/1/2016 | 22/3/2016  | 27/1/16 | Approved | 29/1/16 |
| 19 | Cons and Endo | Dr Maryam Pathan       | NIL               | Prevalence of Pulp Stones In Urban and Rural Population of Latur Maharashtra and the Challenges Encountered: An Endodontic Perspective  | 13/2/2016 | 17/5/2016  | 15/2/16 | Approved | 19/2/16 |
| 20 | Cons and Endo | Dr Sonali Gite         | Dr Maryam Pathan  | Comparative evaluation of remineralization efficacy of three different agents on demineralized enamel surface- an in-vitro study  | 30/7/2016 | 15/11/2016 | 1/8/16  | Approved | 5/8/16  |
| 21 | Cons and Endo | Dr Ajay Kute           | Dr Sneha Ratnani  | Comparative evaluation of shear bond strength of two bonding agents conditioned with a desensitizer: an in-vitro st study   | 30/7/2016 | 15/11/2016 | 1/8/16  | Approved | 5/8/16  |
| 22 | Cons and Endo | Dr Sana Mohani         | Dr. Priyanka Bawa | Comparative evaluation of dentinal defects induced by different NiTi rotary instrument during root canal preparation.   | 30/7/2016 | 15/11/2016 | 1/8/16  | Approved | 5/8/16  |

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| 23 | Cons and Endo | Dr Kunal Walkar        | NIL                            | Evaluation of surface roughness of two different nanofilled composite after using three different polishing agents-an in vitro study  | 30/7/2016  | 15/11/2016 | 1/8/16     | Approved | 5/8/16     |
| 24 | Cons and Endo | Dr. Godavari Nagargoje | NIL                            | A COMPARATIVE EVALUATION OF SHEAR BOND STRENGTH OF FLOWABLE COMPOSITE TO THERACAL LC, BIODENTINE, MTA                                 | 30/7/2016  | 15/11/2016 | 1/8/16     | Approved | 5/8/16     |
| 25 | Cons and Endo | Dr Shruti Hariramani   | NIL                            | COMPARATIVE EVALUATION OF DEBRIS REMOVAL EFFICACY OF 3 DIFFERENT IRRIGATION ACTIVATION SYSTEM IN THE ISTHMUS AREA - AN IN VITRO STUDY | 30/7/2016  | 15/11/2016 | 1/8/16     | Approved | 5/8/16     |
| 26 | Cons and Endo | Dr Sana Mohani         | NIL                            | Retrievability of calcium hydroxide intracanal medicament with three different irrigants from root canal: an in- Vitro CBCT analysis  | 30/7/2016  | 30/9/2017  | 1/8/16     | Approved | 5/8/16     |
| 27 | Cons and Endo | Dr Ajay Kute           | NIL                            | Effect of three different intracanal medicament on push out bond strength of proRoot MTA  | 30/7/2016  | 30/9/2017  | 01/08/2016 | Approved | 5/08/2016  |
| 28 | Cons and Endo | Dr Shruti Hariramani   | Dr Kunal Walkar<br>Dr Godavari | COMPARATIVE EVALUATION OF EFFICACY OF FOUR DIFFERENT IRRIGANTS ON SMEAR LAYER REMOVAL   | 26/12/2016 | 17/3/2017  | 27/12/2016 | Approved | 30/12/2016 |

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|                                   |                        |                              | Nagargoje                    | FROM THE ROOT CANAL:AN<br>IN-VITRO STUDY  |            |            |            |          |            |
| <b>DEPARTMENT OF PERIODONTICS</b> |                        |                              |                              |   |            |            |            |          |            |
| 29                                | Periodontics<br>THESIS | Dr. Trupti Giri              | Dr.<br>Vishnudas<br>Bhandari | Evaluation of efficacy of<br>silver nanoparticles by<br>local application with<br>periodontal dressing on<br>surgical wounds of<br>gingival melanin<br>depigmentation   | 22/11/2016 | 22/11/2018 | 23/11/2016 | Approved | 28/11/2016 |
| 30                                | Periodontics<br>THESIS | Dr. Vrushali<br>Kathole      | Dr Gauri<br>Ugale            | Evaluation of differential<br>leukocyte count (DLC),<br>erythrocyte<br>sedimentation rate (ESR)<br>and serum lipid profile<br>in patients with<br>generalized aggressive<br>periodontitis before and<br>after non surgical<br>periodontal therapy | 22/11/2016 | 22/11/2018 | 23/11/2016 | Approved | 28/11/2016 |
| 31                                | Periodontics<br>THESIS | Dr. Amarpreet<br>Kaur Tuteja | Dr.<br>Vishnudas<br>Bhandari | Pre and Post-Operative<br>Evaluation Of Trabecular<br>Changes In Periodontal<br>Flap Surgery By Using<br>Fractal Analysis On<br>Digitalised Dental<br>Radiovisiographs  | 22/11/2016 | 22/11/2018 | 23/11/2016 | Approved | 28/11/2016 |
| 32                                | Periodontics           | Dr.Omkumar<br>Baghele        | Dr. Vrushali<br>Kathole      | Actual quantitative<br>attachment gain<br>secondary to use of<br>autologous platelet<br>concentrates in the<br>treatment of intrabony   | 12/8/2016  | 13/9/2017  | 13/8/2016  | Approved | 17/08/2016 |

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|    |              |                           |                   | defects: A meta-analysis   |            |            |            |          |            |
| 33 | Periodontics | Dr. Archana Agroya        | Dr. Monali Gawade | Comparision of two different periodontal dressing material in gingiva depigmentation: a case series.               | 15/8/2016  | 18/10/2016 | 16/8/2016  | Approved | 19/08/2016 |
| 34 | Periodontics | Dr.Omkumar Baghele        | Dr. Snehal Taru   | Magnesium and Zinc Levels in Individuals Having Generalized Chronic Periodontitis                                  | 23/9/2016  | 21/10/2017 | 24/9/2016  | Approved | 28/9/2016  |
| 35 | Periodontics | Dr. Amarpreet kaur Tuteja | NIL               | Effect of in vitro simulated crown lengthening at varying lengths on fracture resistance and location of fracture. | 21/11/2016 | 20/3/2017  | 22/11/2016 | Approved | 25/11/2016 |

## DEPARTMENT OF PEDODONTICS

|    |                    |                            |                     |  |            |          |            |          |            |
|----|--------------------|----------------------------|---------------------|--|------------|----------|------------|----------|------------|
| 36 | Pedodontics THESIS | Dr. Snehal Vasantrya Dhore | Dr. Dadpe Mahesh    | Effect of Diode Laser & Topical Fluoride on Primary Enamel Microhardness & surface Morphology: An in-Vitro Study                 | 23/11/2016 | 1/9/2018 | 24/11/2016 | Approved | 28/11/2016 |
| 37 | Pedodontics THESIS | Dr. Apeksha Vikram Nalwade | Dr. Kale Yogesh     | Comparative Evaluation of microLeakage& compressive strength of glass ionomer cement, giomer & zirconome rimproved : An in Vitro | 23/11/2016 | 1/9/2018 | 24/11/2016 | Approved | 28/11/2016 |
| 38 | Pedodontics THESIS | Dr. Nikita Panpaliya       | Dr. Dahake Prasanna | Evaluation of functional Differentiation potential of  | 22/11/2016 | 1/9/2018 | 24/11/2016 | Approved | 28/11/2016 |



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|----|-------------|----------------------------|---------------------|---|------------|------------|------------|----------|------------|
|    |             |                            |                     | human dental pulp stem cells under influence of different bio-inductive materials: An in vitro Study                          |            |            |            |          |            |
| 39 | Pedodontics | Dr. Snehal Vasantrao Dhore | Dr. Dadpe Mahesh    | Effect of Antiplaque activity of trachy spermum Amml (Ajwain Oil) against five different plaque forming bacteria              | 28/11/2016 | 20/10/2018 | 29/11/2016 | Approved | 05/12/2016 |
| 40 | Pedodontics | Dr. Apeksha Vikram Nalwade | Dr. Kale Yogesh     | Effect of Different pediatric drug formulation on color stability of composite, zirconomer improved & a glass ionomer cement. | 28/11/2016 | 25/09/2018 | 29/11/2016 | Approved | 05/12/2016 |
| 41 | Pedodontics | Dr. Nikita Panpaliya       | Dr. Dahake Prasanna | Antimicrobial Property of Silver nano-particles against oral pathogenic bacteria on in vitro study .                          | 28/11/2016 | 27/10/2018 | 29/11/2016 | Approved | 05/12/2016 |

Principal  
M. I. D. S. R. Dental College,  
LATUR

Chairman  
Research Committee  
MIDSR Dental College, Latur