



**GOVERNMENT DENTAL COLLEGE AND
HOSPITAL, AHMEDABAD.**



List of Research Activities of Students

Sr. No.	Research Scholar Name	Department	Research Guide Name	Title of Research
1.	Dr.A. Mathumathi	OMR	Dr.Jigna Shah	Determination of age and sexual dimorphism by odontometric analysis
2.	Dr. Mayur Rathod	OMR	Dr.Jigna Shah	Jaw lesion associated with impacted teeth
3.	Dr. Priyanka Parmar	OMR	Dr. Shilpa Parikh	Estimation of serum beta carotene level in oral leukoplakia patients
4.	Dr. Sreejith S U	Endo	Dr.Girish Parmar	Evaluation of sealing ability of biodentine , mta repair hp and mta plus using dye extraction method and dye penetration method
5.	Dr. Vardhesh Sail	Endo	Dr.Girish Parmar	Comparison of antimicrobial efficacy of different root canal irrigants against enterococcus faecalis biofilm- an invitro study
6.	Kajal Mavla	Endo	Dr.Sunita Garg	Comparison of antimicrobial action of nanoparticles calcium hydroxide and calcium hydroxide against enterococcus faecalis: an in vitro study
7.	Ashwini Kalola	Endo	Dr.Shikha Kanodia	Clinical evaluation of a selfadhering flowable composite insmallclass I cavity-1 year in vivo study
8.	Dr Priya Vyas	Oral Path	Dr Sima P. Odedra	Calretinin expression in DC and UA
9.	Dr Tarang Mehta	Oral Path	Dr Sima P. Odedra	Age and sex estimation from dentin translucency and cemental accumulation
10.	Dr. Udaykumar Jain	Ortho	Dr. Falguni Mehta	Correlating upper cervical spine to Craniofacial morphology in growing subjects with Class I and class II Div 1 malocclusions: a cephalometric study”

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11.	Dr. Purnima Bhave	Ortho	Dr. Falguni Mehta	Open bite and Deep bite malocclusions A comparative assessment of skeletal and dentoalveolar components- A cephalometric study.
12.	Dr. Vimal Parmar	Ortho	Dr. Renuka Patel	Analysis of Pharyngeal Airway parameters in vertical growth pattern: CBCT Vs Lateral cephalometric study
13.	Dr. Aysha Khatri	Perio	Dr. Neeta Bhavsar	Treatment of gingivitis with hyaluronic acid (hyaluronan)
14.	Dr. Pooja Prajapati	Perio	Dr. Neeta Bhavsar	Comparison of microsurgical and conventional open flap debridement
15.	Dr. Sangeetha K.	Perio	Dr. Neeta Bhavsar	Estimation and comparison of salivary calcium, phosphorous, alkaline phosphatase and ph levels in periodontal health and diseases: A case control study
16.	Dr Mahendra Kumar Singh	Perio	Dr. Mahesh Chavda	To determine the clinical effects of the adjunctive use of ozonated water in non-surgical periodontal treatment.
17.	Dr Chandrasekhar Sahu	Perio	Dr. Mahesh Chavda	Estimation of salivary aspartate amino transferase levels in chronic gingivitis and chronic periodontitis patient prior to and following non-surgical periodontal therapy
18.	Dr. Milind	Pedo	Dr. Shantanu Choudhary	Comparative evaluation of the clinical and radiographic success rate of the anti oxidant mix as a new pulpotomy medicament versus MTA pulpotomy medicament for primary molars in the age group of 6 to 9 years - an in vivo study
19.	Dr. Rita	Pedo	Dr. Shantanu Choudhary	Comparative study of antimicrobial effect of Chlorhexidine and propolis as an intracanal medicament in primary molar

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20.	Dr.Haresh	Pedo	Dr.Shantanu Choudhary	Warming of Local anaesthetic : A brimful approach to pain control
21.	Dr.Devanshi Rajpoot	OS	Dr.Sonal Anchlia	Conventional arthrocentesis versus arthroscopy guided arthrocentesis in the treatment of internal derangement of TMJ
22.	Dr.Zaki Mansuri	OS	Dr.Jigar Dhuvad	Comparison of three different approches in treatment of mandibular condylar fractures
23.	Dr.Hiral Patel	OS	Dr.Utsav Bhatt	Dredging-a conservative surgical approch for treatment of large cystic lesions of the jaws
24.	Dr. Anchal Kapoor	Prosthodontics	Dr. Rupal J Shah	Evaluation of efficiancy of different surface treatments on shear bond strength of resin cement to nickel- chromium alloy -an in vitro study
25.	Dr. Urvashi Rai	Prosthodontics	Dr. Rupal J Shah	Comparative evaluation of pressure developed at midpoint at midpalatine raphe during impression making with two different impression materials using a pressure transducer: an in -vitro study
26.	Dr. Bhavisha Gadhiya	Prosthodontics	Dr. Rupal J Shah	Clinical study of efficacy of different kind of occlusal splints in management of myofacial pain – an in vivo study
27.	Dr. Yash Ghadiya	Prosthodontics	Dr. Sanjay B. Lagdive	Comparative evaluation of crestal bone loss around submerged and non- submerged implants with different

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				healing abutment designs- an in vivo study
28.	Dr. Jaydeep Katariya	Prosthodontics	Dr. Sanjay B. Lagdive	Comparative evaluation of implant collar surfaces for marginal bone loss- an in vivo study
29.	Dr. Himali Shah	OMR	Dr. Jigna Shah	Evaluation of P16 in oral pmds (potentially malignant disorders) and oral carcinoma: A clinical and ICH study
30.	Dr. Jaya Dubey	OMR	Dr. Jigna Shah	Gender determination using primary and permanent teeth under different environmental conditions: DNA based study
31.	Dr. Harmi Patel	OMR	Dr. Shilpa Parikh	A comparative analysis of pulp size in Maxillary Permanent central incisor using two different dental age estimation methods: A Radiographic Study
32.	Navneet Kaur	Endodontics	Dr. Girish Parmar	Comparison of conventional endodontic and guided endodontic in calcified teeth - an in vivo study
33.	Thahir Abdulremani	Endodontics	Dr. Girish Parmar	Clinical and radiographical characteristics of vertical root fracture in endodontically and non endodontically treated tooth - an in vivo study
34.	Kalpana Patel	Endodontics	Dr. Geeta Asthana	Management of white spot lesions with different techniques - an in vivo study
35.	Jasmine Bhogal	Endodontics	Dr. Geeta Asthana	Evaluation of shear bond strength of Biodentine at different setting times with resin Composite and Zirconomer - an in vitro study
36.	Janki Kareliya	Endodontics	Dr. Shikha Kanodia	Effect of calcium-phosphate desensitizers on staining susceptibility of acid: an in vitro study.
37.	Soni Jha	Endodontics	Dr. Shikha Kanodia	The effect of submucosal injection of corticosteroids on pain perception after root canal treatment of teeth with irreversible pulpitis: an in vivo study + f69

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38.	Dr.Khushali Shah	Oral Path	Dr Sima P. Odedra	Serum c reactive protein and hematologic parameters in patients with squamous cell carcinoma
39.	Dr.Vaishali Dodia	Oral Path	Dr Sima P. Odedra	Cytomorphometric analysis of oral mucosa in smokers and tobacco chewers
40.	Dr. Pooja Monapara	Oral Path	Dr Sima P. Odedra	Role of dermatoglyphics in dental caries
41.	Dr. Manimala S.	Ortho	Dr. Falguni Mehta	Comparative assessment of impacted maxillary canines: An OPG and CBCT study
42.	Dr. Hemangi Raiththa	Ortho	Dr. Falguni Mehta	Correlating cranial base morphology in adults having skeletal Class II and Class III malocclusion
43.	Dr. Vishal Kathiriya	Ortho	Dr. Renuka Patel	In vivo study to determine and compare the efficacy of different types of orthodontic separators
44.	Dr. Shekhar Asarsa	Ortho	Dr. Renuka Patel	Comparing the Effectiveness of Various Sterilization Methods on Orthodontic Instruments for Bacteriological Assessment
45.	Dr Sakshee	Perio	Dr. Mahesh Chavda	Impact of periodontitis and its treatment on oral health related Quality of life (ohroql).ss
46.	Dr.Jinal Kapadia	Perio	Dr. Neeta Bhavsar	Evaluation of clinical parameter and superoxide dismutase level in post-menopausal women with chronic periodontitis
47.	Dr.Nirupa zadafiya	Perio	Dr. Neeta Bhavsar	Evaluation of the effect of locally delivered aloe-vera gel as an adjunct to scaling and root planning in the treatment of chronic periodontitis- A split mouth study
48.	Dr. Atul Parashar	Perio	Dr. Neeta Bhavsar	The effect of piezoelectric ultrasonic scaler tip wear on root surface roughness at different working parameters- An Atomic FPRCE microscopic and profilometric study

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49.	Dr Vasanthan	Perio	Dr. Mahesh Chavda	Clinical efficacy of subgingivally-delivered 0.75% boric acid gel as an adjunct to mechanotherapy in chronic periodontitis: a randomized, controlled clinical trail
50.	Dr Ruqaiya Ansari	Perio	Dr. Mahesh Chavda	Evaluation of clinical effect of injectable platelet rich fibrin on thin gingival biotype
51.	Dr.Khyati K Abhangi	Pedo	Dr.Shantanu Choudhary	Salivary Alkaline Phosphatase activity: A bio chemical marker for skeletal maturity and growth prediction : An in vivo study
52.	Dr.Jigyasha Saklecha	Pedo	Dr.Shantanu Choudhary	Efficacy of Midazolam nasal spray and Nitrous oxide - Oxygen combination as a sedative agent in children
53.	Dr.Parth Chhabria	Pedo	Dr.Shantanu Choudhary	Identification of Copper , Zinc , Lead & Selenium in saliva and its association with Dental Caries in 4 to 9 years old children.
54.	Dr.Pratesh Dholabhai	OS	Dr.Sonal Anchlia	Simultaneous TMJ Ankylosis Release with Uniplanar Mandibular Distraction Osteogenesis
55.	Dr.Jimmy Kania	OS	Dr.Jigar Dhuvad	Abdominal dermal fat graft versus nasolabial flap in oral submucous fibrosis:a randomised clinical trial

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56.	Dr.Ankita Nakrani	OS	Dr.Utsav Bhatt	Application of basal implants in compromised jaws
57.	Dr Kalaiarasi P.	Prosthodontics	Dr. Rupal J Shah	The effect of various surface treatments of fiber reinforced post on the bond strength of resin based luting cements- an in vitro study
58.	Dr Shruti Panday	Prosthodontics	Dr. Rupal J Shah	Comparative evaluation of compressive strength and flexural strength of provisional restorative material
59.	Dr Nikita Goel	Prosthodontics	Dr. Rupal J Shah	Analysis of changes in vertical and sagittal maxillomandibular relation in patients wearing complete denture by cephalometric approach
60.	Dr Pooja Jain	Prosthodontics	Dr. Sanjay B. Lagdive	Evaluation of retention and stability of implant retained mandibular over denture using different types of attachments -an in vitro study
61.	Dr Meet Dodia	Prosthodontics	Dr. Sanjay B. Lagdive	The effect of various splinting materials on the accuracy of implant impressions: an in vitro study
62.	Dr.Nidhi Susan Suresh	OMR	Dr.Jigna Shah	Human bite mark - digital analytic study
63.	Dr.Kinjal Joshi	OMR	Dr.Jigna Shah	Crystallization test: Novel approach for detection of potentially malignant disorders and oral cancer
64.	Dr. Sadhana Kothiya	OMR	Dr. Shilpa Parikh	Age Estimation by assessment of condylar cortication : a CBCT Study
65.	Bhagyesh Cheta	Endodontics	Dr.Girish Parmar	Clinical and radiographic evaluation of periapical pathology in single vs multi visit root canal treatment - an in vivo study
66.	Bhawna Garg	Endodontics	Dr.Girish Parmar	Clinical evaluation of using magnification and ultrasonic precision guidance in the detection of extra canals in molars - an in vivo study
67.	Ravina Parmar	Endodontics	Dr.Geeta Asthana	Evaluation of effect of different curing protocols on the degree of conversion and polymerization shrinkage stress of various composites- an in vitro study

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68.	Hardik Parupaliya	Endo	Dr. Shikha Kanodia	Evaluation of two access cavity design & biomechanical preparation on pericervical dentin thickness in molars - an in vitro study
69.	Aditya Pidaparathi	Endo	Dr. Nupur Dhanak	Evaluation of effect of different ferrule designs on fracture resistance of endodontically treated premolars - An In Vitro Study
70.	Dr. Darshna Patel	Endo	Dr. Abhishek Parmar	Non carious cervical lesions restored with different tooth colored materials : an in-vivo study
71.	Dr. Harita Paghadal	Oral Path	Dr. Sima P. Odedra	Age estimation from unsectioned extracted teeth: a stereomicroscopic study
72.	Dr. Namrata Jaysheel	Oral Path	Dr. Sima P. Odedra	Morphometric analysis of the mandible for sex determination on orthopantomography along with comparison between digital and manual method
73.	Dr. Sanjay Yadav	Oral Path	Dr. Sima P. Odedra	Salivary Alkaline phosphatase - A possible biomarker in oral potentially malignant disease
74.	Dr. Monisha V.	Ortho	Dr. Falguni Mehta	Comparing arch width, alveolar width and buccolingual inclination of posterior teeth in subjects with class I and class II malocclusion
75.	Dr. Krutasvi Desai	Ortho	Dr. Falguni Mehta	Evaluating changes in salivary flow rate, pH & microbial count during fixed orthodontic treatment - an in vivo study
76.	Dr. Manisha	Ortho	Dr. Falguni Mehta	Evaluation of palatal bone thickness on lateral cephalogram and its comparison with CBCT scans
77.	Dr. Varsha Barad	Ortho	Dr. Renuka Patel	Relating various parameters of sella turcica in skeletal class I subjects having different growth patterns ; A cross sectional lateral cephalometric study
78.	Dr. Jagruti Makwana	Ortho	Dr. Renuka Patel	Assessment of nasopharyngeal airway between 2D lateral cephalogram and 3D CBCT scan in average and vertical growth pattern

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79.	Dr. Shilpa Sudhakaran	Perio	Dr. Neeta Bhavsar	Antioxidant therapy using green tea and lycopene extract on chronic generalised periodontitis patients
80.	Dr. Amit Vasani	Perio	Dr. Neeta Bhavsar	Comparative evaluation of antimicrobial efficacy of injectable platelet rich-fibrin with platelet rich fibrin & platelet rich plasma .
81.	Dr Vibhuti Madha	Perio	Dr. Mahesh Chavda	Evaluation of locally administered 1% metformin gel in the treatment of chronic periodontitis
82.	Dr Siddhi Tank	Perio	Dr. Mahesh Chavda	The efficacy of subgingivally delivered andrographis paniculate (kalmegh)gel to treat patients with periodontitis.
83.	Dr Bhavika Tadvi	Perio	Dr. Mahesh Chavda	Effect of non-surgical periodontal therapy on salivary myeloperoxidase levels: a biochemical study
84.	Dr Monalisa Pansara	Perio	Dr. Mahesh Chavda	Comparative evaluation of oxygen releasing formula (blue m gel) and chlorhexidine gel as an adjunct with scaling and root planing in the management of patients with chronic periodontitis - a clinico-microbiological study.
85.	Dr.Sweta Waghela	Pedo	Dr.Shantanu Choudhary	Pre surgical Naso alveolar moulding by Gayson's technique and Figueroa technique prior to Unilateral cleft lip and palate
86.	Dr.Vaibhav Kotecha	Pedo	Dr.Shantanu Choudhary	Painless tooth extraction by Jalandhara Bandha Yoga in Children
87.	Dr.Vishakha Kataria	Pedo	Dr.Shantanu Choudhary	Evaluation of Parental Satisfaction and clinical outcomes of stainless steel and zircona crowns in primary molars : a randomized clinical study
88.	Dr.Sujith Gopalan	Pedo	Dr.Shantanu Choudhary	Clinical assessment and estimation of Salivary Nitric Oxide level and its relation to Dental Caries in Cardiac Compromised Children.
89.	Dr.Jigna Vaghasiya	Pedo	Dr.Shantanu Choudhary	Complete vs Incomplete Caries removal procedures and their effects on dental Pulp in Primary teeth - an in vivo study

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90.	Dr.Kinjal Vekariya	Pedo	Dr.Shantanu Choudhary	Ferritin as a Predictive Salivary Marker for ECC - III
91.	Dr.Bipin Sadhwani	OS	Dr.Sonal Anchlia	Incidence and treatment modalities of oral and craniomaxillofacial mucormycosis during COVID-19 pandemic -A prospective clinical study
92.	Dr.Ramyata Dayatar	OS	Dr.Sonal Anchlia	Comparison of abdominal dermal fat graft versus nasolabial flap versus buccal fat pad graft in surgical management of oral submucous fibrosis along with adjuvant short term oral administration of pirfenidrone
93.	Dr.Bhagya Trivedi	OS	Dr.Sonal Anchlia	Comparative accuracy of MRI and arthroscopy in TMD
94.	Dr.John Fanai	OS	Dr.Jigar Dhuvad	Quantitative evaluation of zygomatic, ramal and symphysis onlay graft in ridge augmentation prior to implant placement
95.	Dr.Hitarthi Jogani	OS	Dr.Utsav Bhatt	Application of basal implant in replacement of single missing tooth
96.	Dr Bansari Tank	Prosthodontics	Dr. Rupal J Shah	A clinical study on evaluation of vertical accuracy of interocclusal registration materials in centric relation- an in vivo study
97.	Dr Gunjit Marwaha	Prosthodontics	Dr. Rupal J Shah	A comparative evaluation of variation of horizontal condylar guidance obtained by using two different articulator systems with lateral cephalogram- an in vivo study
98.	Dr Neelima Chauhan	Prosthodontics	Dr. Rupal J Shah	Comparative evaluation of bond strength of different tray adhesive on silicon impression materials using pmma tray material – an in vivo
99.	Dr Ami Panchal	Prosthodontics	Dr. Sanjay B. Lagdive	Three dimensional finite element analysis of stress distribution of angled abutments and angle correcting implants in maxillary single implant supported restoration
100.	Dr Nilesh Gadiya	Prosthodontics	Dr. Sanjay B. Lagdive	Effect of flap and flapless implant surgical techniques on soft and hard tissue conditions around dental implant- an in vivo study

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101.	Dr Nilesh Patel	Prosthodontics	Dr. Sanjay B. Lagdive	Evaluation of stress and strain generated around different implant thread designs with various loading conditions using finite element analysis
102.	Dr.Parth Thakkar	Periodontology	Dr. Neeta Bhavsar	Perceptions and attitudes of Indian health professionals toward information technology
103.	Dr.Dinta kakkad	Periodontology	Dr. Neeta Bhavsar	The impact of behavioural risk factors and health promoting behaviour on periodontal health among adults in Gujarat: A cross sectional study
104.	Aakash Dineshkumar Solanki	Endodontics	Dr. Geeta Asthana	Evaluation of bioactive nanoparticles as endodontic irrigants for root canal disinfection
105.	Vyoma Dilip Kumar Shah	Endodontics	Dr. Geeta Asthana	Association between depression/anxiety and dental caries among Gujarati population- an epidemiological study
106.	Nidhi Sinha	Endodontics	Dr. Geeta Asthana	Evaluation of ozone therapy in endodontic treatment of teeth with necrotic pulp and apical periodontitis: A randomized clinical trial
107.	Doshi Prerak Rakeshkumar	Endodontics	Dr. Geeta Asthana	Evaluation of antimicrobial efficiency of graphene derivatives as intra-canal medicament against various Endodontic micro-organisms
108.	Patel Hardik Kumar Babulal	Endodontics	Dr. Geeta Asthana	Comparative Evaluation of Inter appointment Flare-ups in Diabetic and Non diabetic patients: an in vivo
109.	Pratikgiri V. Gosai	Endodontics	Dr. Geeta Asthana	Comparative evaluation of various irrigating needles in cleaning the apical third of root canal


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