

DARSHAN DENTAL COLLEGE AND HOSPITAL

**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL
ORTHOPEDICS**

Completed Research Projects In Department (from 2006 till date)

S no.	Post Graduate Student	Title	Guide
Batch 2022-25			
1	Dr. Darshan Karmare	The reliability of an android cephalometric smartphone application and computer -assisted digital cephalometric analysis in comparison with the conventional cephalometric method	Dr. Nitin Dungarwal
2	Dr. Rajat Patidar	In vitro evaluation of microbial contamination and efficacy of two different disinfection methods on orthodontic materials as received from different manufacturers – a microbiological study	Dr. Nitin Dungarwal
3	Dr. Shalu Singh	Evaluation of position of the maxillary incisor and upper lip thickness in different overjet groups of class II subjects in rajasthan population	Dr. Nitin Dungarwal
Batch 2021-24			
4	Dr. Mrinal singh	Comparative evaluation of incisor position and alveolar bone thickness in various malocclusions-a cephalometric study	Dr. Nitin Dungarwal
5	Dr. Ajay Rathod	The influence of extraction treatment on Holdaways soft tissue measurements in rajasthan population -A cephalometric study.	Dr. Nitin Dungarwal
6	Dr. Hetvi Dharsandia	A comparative evaluation of dentoskeletal and soft tissue morphology among different malocclusions a cephalometric study.	Dr. Nitin Dungarwal
Batch 2020-23			
7	Dr. Disha Bakhtyarpuri	Comparative cephalometric evaluation of Soft tissue airway dimension in sagittal and vertical skeletal patterns in rajasthan population.	Dr. Nitin Dungarwal
8	Dr. Sakshi Pandey	The evaluation of severity of overjet and its relationship with vertical facial morphology in class II subjects of Rajasthan population.	Dr. Nitin Dungarwal
Batch 2019-22			
9	Dr .Archana Nagora	To estimate the maturation of permanent teeth in different facial patterns in Rajasthan population. Comparative retrospective study.	Dr. Nitin Dungarwal
10	Dr. Astha Mittal	Comparative evaluation of lip thickness lip length and lip position in different skeletal malocclusion along with different growth pattern.	Dr. Nitin Dungarwal
11	Dr. Azra Alladin	Comparative evaluation of shear bond strength of metallic bracket after bleaching with or without the use of desensitizing agent at different time intervals – an invitro study.	Dr. Nitin Dungarwal
12	Dr. Shib Kumar Nath	Comparative evaluation of nasal morphology in various skeletal malocclusion	Dr. Nitin Dungarwal

S no.	Post Graduate Student	Title	Guide
Batch 2018-21			
13	Dr. Ameer Pipaliya	Evaluation of bond strength of stainless steel bracket and adhesive remnant index using different recycling technique- an invitro study	Dr. Nitin Dungarwal
14	Dr. Anil Godara	Dynamic smile evaluation in different skeletal pattern in rajasthan population.	Dr. Nitin Dungarwal
15	Dr. Lavesh Ginghal	Evaluation of dimensional changes of sella turcica in patients with palatally and buccally impacted / displaced canine	Dr. Nitin Dungarwal
16	Dr. Priyashree Joshi	Evaluation and comparison of underlying components of deep bite in rajasthan population	Dr. Nitin Dungarwal
Batch 2017-20			
17	D. Junaed Khan	Relation between arch form & vertical facial pattern in skeletal class I and class II	Dr. Nitin Dungarwal
18	Dr. Preksha Shah	Comparative analysis of dentoalveolar compensation in various skeletal dysplasia- a cephalometric study	Dr. Nitin Dungarwal
19	Dr. Tushar Nagle	A cephalometric study to compare and evaluate relationship between chin soft and hard tissue with all three skeletal malocclusion along with different divergent pattern	Dr. Nitin Dungarwal
Batch 2016-19			
20	Dr. Arpan Patel	Comparison BTW manual vs façade	Dr. Nitin Dungarwal
21	Dr. Anjali Nair	Evaluation of frontal sinus & maxillary sinus in assessment of different types of skeletal malocclusion	Dr. Nitin Dungarwal
22	Dr. Bhavesh Khadsaliya	Evaluation of dental arch morphology in local population of rajasthan	Dr. Nitin Dungarwal
23	Dr. Rahul Panelia	Position of the glenoid fossa in different skeletal patterns and its relation to the functional occlusal plane	Dr. Nitin Dungarwal
Batch 2015-18			
24	Dr. Dheerendra Singh	To evaluate the importance of education and motivation in patients undergoing orthodontic treatment- a prospective study	Dr. PRABHURAJ KAMBALYAL
25	Dr. Komal Khatri	Comparative evaluation of mandibular morphology in different skeletal malocclusion – a radiographic study	Dr. PRABHURAJ KAMBALYAL

S no.	Post Graduate Student	Title	Guide
Batch 2014-17			
26	Dr. Jignesh Kakadiya	Correlation of low intensity laser irradiation & rate of orthodontic tooth movement- a prospective clinical study	Dr. PRABHURAJ KAMBALYAL
27	Dr. Jyoti Jingar	Relation between arch width & vertical & horizontal facial morphology in Rajasthan population	Dr. PRABHURAJ KAMBALYAL
28	Dr. Mukesh singla	Correlation between retraction of anterior teeth and their effects on horizontal and vertical lip positions	Dr. PRABHURAJ KAMBALYAL
Batch 2013-16			
29	Dr. Milan Raiyani	A comparative cephalometric study- for assessment of sagittal discrepancies with Yen angle, Beta angle, conventional ANB angle & WIT'S appraisal	Dr. PRABHURAJ KAMBALYAL
30	D. Neha Bandi	Relationship of body mass index with skeletal and dental maturation in Rajasthan population	Dr. PRABHURAJ KAMBALYAL
31	Dr. Pradeep Vishnoi	Determination of prevalence of malocclusion oral habits and orthodontic treatment need in a 7 to 16 years old school children of mewar population of rajasthan	Dr. PRABHURAJ KAMBALYAL
32	Dr. Rutvik Trivedi	Bolton anterior tooth size discrepancies among different malocclusion groups in Western Indian population – a retrospective study	Dr. PRABHURAJ KAMBALYAL
Batch 2012-15			
33	Dr. Dhaval Aghera	Enmass retraction of anterior in lingual orthodontics with palatal implants of smaller length and diameters -A finite element study	Dr. PRABHURAJ KAMBALYAL
34	Dr. Kirti cahudhari	Evaluation of apical root resorption during intrusion and retraction of the maxillary anterior teeth with micro implants. A -clinical radiographic study.	Dr. PRABHURAJ KAMBALYAL
35	Dr. Maulik patel	Determination of cranio-facial morphological characteristics of class II malocclusion in Rajasthan population- A cephalometric study	Dr. PRABHURAJ KAMBALYAL
36	Dr.Varun Bajaj	Overall perception of patients attitude towards lingual V/S labial fixed appliance - A prospective study	Dr. PRABHURAJ KAMBALYAL
Batch 2011-14			
37	Dr. Nikhil surana	Evolution of skeletal and dental characteristics in patient suffering from down syndrome a prospective study	Dr. PRABHURAJ KAMBALYAL
38	Dr. Rahul sharma	Evaluation of saliva for nickel release from conventional stainless steel and nickel free orthodontic brackets. -A prospective study	Dr. PRABHURAJ KAMBALYAL
39	Dr. sujay jain	To evaluate rate of orthodontic tooth movement with different type of drugs non-NSAID, NSAID, VITAMIN-D.- An animal study	Dr. PRABHURAJ KAMBALYAL
40	Dr. zilmil chainani	Effective enmass retraction design with orthodontic mini implant anchorage using finite element method	Dr. PRABHURAJ KAMBALYAL

S no.	Post Graduate Student	Title	Guide
Batch 2010-13			
41	Dr. Kunal rathore	Determination of most reliable sides for micro implant placement in maxillary and mandibular interradicular spaces A 3D CT study	Dr. PRABHURAJ KAMBALYAL
42	Dr. Rohit jhakar	Evaluation of canine retraction with self- ligating brackets v/s conventional edgewise bracket A comparative in-vivo study	Dr. PRABHURAJ KAMBALYAL
43	Dr. Shweta dixit	Relationship between facial types and tooth and bone characteristics of the maxilla and mandible as obtained by CT scan	Dr. PRABHURAJ KAMBALYAL
Batch 2009-12			
44	Dr. Madhu pandey	Evaluation of shear bond strength of conventional bonding agent and newer bonding material before and after treatment with sodium hypochlorite -A comparative study	DR. KALYANI TRIVEDI
45	Dr. Varoon jain	Stress generated by combination of myofunctional and head gear orthopedic forces in craniofacial region and mandible using finite element method of stress analysis	DR. KALYANI TRIVEDI
46	Dr. Vartika tripathi	Comparative study of microbial adhesion on different orthodontic brackets.-An in- vivo study	DR. KALYANI TRIVEDI
Batch 2008-11			
47	Dr. Saurabh gandhi	Effect of prostaglandin and vit. D3 in orthodontic tooth movement.	DR. KALYANI TRIVEDI
48	Dr. Yagnesh Rajpara	An assessment of facial asymmetry in aesthetically pleasing profile of Rajasthan population- A P-A cephalometric study.	DR. KALYANI TRIVEDI
Batch 2007-10			
49	Dr. Mansoor Saify	Comparison of shear bond strength In orthodontic bracket bonding to porcelain tooth surface with different surface preparation.	DR. KALYANI TRIVEDI
50	Dr. Tapan shah	Release of nickel from different simulated orthodontic appliance. An in vivo study	DR. KALYANI TRIVEDI
Batch 2006-09			
51	Dr. Bhavik patel	Determination of cephalometric norms of dentofacial patients of Indian adults of Rajasthan origin.	DR. KALYANI TRIVEDI
52	Dr. Jigar doshi	Predictability of Beta angle and appraisal of various cephalometric parameter in the assesement of sagittal relationship between maxilla and mandible.	DR. KALYANI TRIVEDI