

**FACULTY OF DENTAL SCIENCES, SGT UNIVERSITY**  
**DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

**A) Thesis/ short studies/ Dissertation of PG, UG, INTERN**

<b>S.No</b>	<b>Name of Department</b>	<b>Student Name</b>	<b>Title of Project</b>	<b>Guide/Co-guide</b>	<b>Ongoing Projects/ Completed /Submitted projects</b>
1.	Ortho	Dr. Sumeet Soni	Comparative evaluation of Orthodontic toothbrush and water jet device in the reduction of dental plaque and gingival bleeding in patients with fixed orthodontic appliances	Dr. M.S. Sidhu Dr. Seema Grover	Completed
2.	Ortho	Dr. Sanghamitra Jena	A comparative evaluation of conventional and digital cephalogram with regard to validity and reproducibility of angular and linear measurements and setting up of Norms for North Indian population	Dr. M.S. Sidhu Dr. Seema Grover	Completed
3.	Ortho	Dr. Smriti Malhotra	Characterization of a posed smile and evaluation of facial attractiveness by panel perception in its correlation with hard and soft tissues	Dr. M.S. Sidhu Dr. Mona Prabhakar	Completed
4.	Ortho	Dr. Anuj Satija	Evaluation of Salivary concentration of Nickel and Chromium ions in Orthodontic patients and their possible influence on Hepatic Enzymes	Dr. M.S. Sidhu Dr. Seema Grover	Completed
5.	Ortho	Dr. Girish Chaudhary	Cone Beam Computed Tomography Evaluation of Canine Retraction using micro implants and conventional anchorage	Dr. M.S. Sidhu Dr. Seema Grover	Completed
6.	Ortho	Dr. Anurag Singh Kochhar	Qualitative and Quantitative assessment of craniofacial morphology of patients with cleft lip and palate using 3D CBCT and Lateral cephalometrics	Dr. M.S. Sidhu Dr. Mona Prabhakar	Completed
7.	Ortho	Dr. Anshul Chaudhary	Evaluation of stress changes in Temporomandibular Joint and associated structures with a functional orthopedic appliance- A finite element study	Dr. Seema Grover Dr. M.S. Sidhu	Completed
8.	Ortho	Dr. Ritu Phogat	Comparative evaluation of efficacy of serum IGF-1 level Hard wrist radiographs and cervical vertebrae as a skeletal maturity indicator	Dr. M.S. Sidhu Dr. Seema Grover	Completed

9.	Ortho	Dr. Rohan Diwakar	Study of craniofacial form and pharyngeal airway in individuals with different growth patterns as assessed by CBCT	Dr. M.S. Sidhu Dr. Mona Prabhakar	Completed
10.	Ortho	Dr. Ankita Jhalani	Effects of two adhesion boosters on depth of penetration of orthodontic adhesive in Fluorosed and normal enamel : A Confocal Microscopic Study	Dr. M.S. Sidhu Dr. Seema Grover	Completed
11.	Ortho	Dr. Saurabh Jain	Cephalometric study of dentoskeletal and soft tissue changes associated with retraction of anterior teeth using conventional methodology and mini-implant devices – A comparative assessment	Dr. M.S. Sidhu Dr. Seema Grover Dr. Mona Prabhakar	Completed
12.	Ortho	Dr. Ashutosh	Comparative evaluation of intrusive affect of mini screws, Connecticut Intrusion arch and utility intrusion arch – An in vivo study	Dr. Seema Grover Dr. M.S. Sidhu Dr. Mona Prabhakar	Completed
13.	Ortho	Dr. Puneet Chaudhary	Evaluation of morphology of maxillary and mandibular alveolar bone and mandibular condyle in vertical and horizontal growers : A CBCT Study	Dr. Seema Grover Dr. M.S. Sidhu Dr. Vikas Malik	Completed
14.	Ortho	Dr. Ishant Singhal	Molar distalization with partially osseointegrated buccal mini implants to correct Class II malocclusion – A cephalometric study	Dr. Mona Prabhakar Dr. M.S. Sidhu	Completed
15.	Ortho	Dr. Namrata Dogra	A Cone Beam Computed Tomography evaluation of dental and skeletal changes produced by bonded rapid maxillary expansion – An in vivo study	Dr. M.S. Sidhu Dr. Ashish Dabas	Completed
16.	Ortho	Dr. Manish	Prevalence of white spot lesions in orthodontic patients - An in vivo study	Dr. M.S. Sidhu Dr. Ashish Dabas	Completed
17.	Ortho	Dr. Nishendu Yadav	Evaluating and comparing periodontal and microbial parameters in orthodontic patients with elastomeric modules and self ligating brackets	Dr. Seema Grover Dr. M.S. Sidhu Dr. H.S. Grover	Completed

18.	Ortho	Dr. Mahak Kakkar	Comparison of shear bond strength of self adhesive resin cement and self- etched primer under dry and moist condition – An in vitro study	Dr. Mona Prabhakar Dr. M.S. Sidhu Dr. Puneet Yadav	Completed
19.	Ortho	Dr. Kuntal Chaudhary	A cephalometric evaluation of skeletal and dental changes in Class II Div 1 malocclusion with fixed twin block appliance	Dr. Mona Prabhakar Dr. M.S. Sidhu	Completed
20.	Ortho	Dr. Amna Khushi	Determination of apical root resorption during active orthodontic treatment : A 12 months radiographic study of maxillary and mandibular incisors	Dr. Mona Prabhakar Dr. M.S. Sidhu Dr. Atul Kaushik	Completed
21.	Ortho	Dr. Priyanka Duhan	Evaluation of malodor in fixed orthodontic mechanotherapy	Dr. Seema Grover Dr. M.S. Sidhu	Completed
22.	Ortho	Dr. Vijay Tanwar	A comparative evaluation of canine retraction using periodontally accelerated osteogenic orthodontics (PAOO) and conventional mechanotherapy as assessed by CBCT	Dr. M.S. Sidhu Dr. H.S. Grover Dr. Seema Grover	Completed
23.	Ortho	Dr. Vibhuti Singh Gopal	Correlation of orthodontic treatment need with self-esteem and awareness of children using socio-dental approach	Dr. Seema Grover Dr. M.S. Sidhu Dr. Shourya Tondon	Completed
24.	Ortho	Dr. Sumreet Kaur Sandhu	Quantitative assessment of maxillary and mandibular bone thickness for orthodontic miniscrew placement : A CBCT study	Dr. Mona Prabhakar Dr. M.S. Sidhu Dr. Ashish Dabas	Completed
25.	Ortho	Dr. Munish Kumar Midha	Evaluation of tongue volume in different dentoskeletal patterns : A CBCT Study	Dr. Seema Grover Dr. M.S. Sidhu	Completed

26.	Ortho	Dr. Gauravdeep Kaur	Evaluation of pulp vitality and surface characteristics in tooth after application of intrusive orthodontic forces – An in vivo study	Dr. Seema Grover Dr. M.S. Sidhu Dr. Ashish Dabas	Completed
27.	Ortho	Dr. Ekta Gupta	Lip and cheek pressure assessment and its role in various malocclusion – An in vivo study	Dr. M.S. Sidhu Dr. Sandhya Maheshwari Dr. Abid Ali Khan	Completed
28.	Ortho	Dr. Shubham Gupta	Hard and soft tissue changes in Class I bimaxillary protrusion and Class II Div 1 patients : A cephalometric study	Dr. M.S. Sidhu Dr. Seema Grover Dr. Vikas Malik	Completed
29.	Ortho	Dr. Himanshu Sansanwal	Comparative evaluation of pharyngeal airway volumes by Herbst appliance in Class II patients using cone beam computed tomography	Dr. Seema Grover	Ongoing
30.	Ortho	Dr. Jasmine Nindra	A Three Dimensional CBCT study to evaluate dentoskeletal changes produced in Class II patients treated with a fixed functional appliance	Dr. M.S. Sidhu	Ongoing
31.	Ortho	Dr. Nishant Malik	Profiles of salivary biomarkers during conventional versus micro-osteoperforation assisted canine retraction :- An in vivo study	Dr. Mona Prabhakar	Ongoing
32.	Ortho	Dr. Sugandha Goel	Evaluation of morphometric changes in alveolar bone and roots of anterior teeth following orthodontic treatment ~ 3D Study.	Dr. M.S. Sidhu	Ongoing
33.	Ortho	Dr. Anudeep Kaur	Evaluating levels of Streptococcus mutans using probiotic lozenges and oral suspension containing probiotic bacteria in fixed orthodontic patients	Dr. Seema Grover	Ongoing

34.	Ortho	Dr. Mehar Teja	A 3-dimensional assessment of dentoskeletal variations in unilateral cleft patients using Cone Beam Computed Tomography	Dr. Mona Prabhakar	Ongoing
35.	Ortho	Dr. Isha Duggal	Finite Element Stress Analysis of maxillofacial complex after skeletally anchored fixed functional appliance therapy	Dr M.S. Sidhu	Ongoing
36.	Ortho	Dr. Parveen Kumar	A comparative evaluation of anterior maxillary corticotomy facilitated versus conventional fixed mechanotherapy for en-masse retraction of anterior teeth- An In Vivo study	Dr. Ashish Dabas	Ongoing
37.	Ortho	Dr.Sanjay Singh	Evaluation of dentoskeletal changes following en-masse retraction of anterior teeth using microosteoperforation- A CBCT study	Dr. Seema Grover	Ongoing
38.	Ortho	Dr. Ankit Gupta	A study of facial photographic analysis, proportional analysis and smile index using standardized facial photographs	Dr. Mona Prabhakar	Ongoing

**B) PhD Topics Year Wise- NIL**

**C) Research Projects with Intramural Grants-NIL**

**D) Research Projects with Extramural Grants- NIL**

