

FACULTY OF DENTAL SCIENCES, SGT UNIVERSITY
DEPARTMENT OF PROSTHODONTICS

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

S.No	Name of Department	Student Name	Title of Project	Guide/Co-guide	Ongoing Projects/ Completed/ Submitted projects
1.	Prosthodontics	Dr Rohtash Kapoor	A study to evaluate the bond strength of denture base resin to a cross linked denture teeth with various auxiliary retentive features.	Dr.Harish Yadav Dr.Sumit Phukela	Completed
2.	Prosthodontics	Dr.Monika Malik	An Electrochemical study to evaluate the effect of immediate versus delayed removal of 3 methods of root canal filling on root canal prior to Post space preparation	Dr.Puja Chowdhry Dr.Harish Yadav	Completed
3.	Prosthodontics	Dr.Swati Uppal	A study to evaluate the effect of tray selection & impression technique on the accuracy of polyvinyl siloxane impressions”	Dr.Harish Yadav	Completed
4.	Prosthodontics	Dr.Shefali Phogat	Clinical evaluation for endoscopically controlled indirect sinus lift- An Invivo Study.	Dr.Harish Yadav Dr.Puja Chowdhry	Completed
5.	Prosthodontics	Dr.Reshu Madan	A comparative study of indirect sinus lift performed with autogenous graft material alone versus autogenous graft material reconstituted with platelets rich plasma	Dr.Harish Yadav Dr.Puja Chowdhry	Completed
6.	Prosthodontics	Dr.Kriti	Clinicoradiographic evaluation of two different implant systems by non functional immediate loading in mandible	Dr.Puja Chowdhry Dr.Harish Yadav	Completed
7.	Prosthodontics	Dr.Manisha	Ridge augmentation during prosthetic implant placement using titanium mesh and PRF with or without autogenous bone graft	Dr.Harish Yadav	Completed
8.	Prosthodontics	Dr.Nishant Tyagi	To evaluate crestal bone level and prosthetic success of endosseous implants with increased crown to implant ratio.	Dr.Puja Chowdhry Dr.Harish Yadav	Completed
9.	Prosthodontics	Dr.Naunit	Peri-implant bone loss- A comparative role of platform switching in subcrestal and supracrestal placed implants.	Dr.Harish Yadav Dr.Puja Chowdhry	Completed
10.	Prosthodontics	Dr Geetanjali	Study of effect of high insertion torque (≥ 90 Ncm) in immediately loaded implants or stability and crestal bone loss.	Dr.Harish Yadav Dr.Puja Chowdhry	Completed

FACULTY OF DENTAL SCIENCES, SGT UNIVERSITY
DEPARTMENT OF PROSTHODONTICS

11.	Prostho	Dr Tanvi chawla	A comparative study to evaluate patient comfort, retention and stability in conventional complete denture and immediate and delayed loaded single implant supported mandibular overdentures	Dr.Harish Yadav Dr.Manisha Jayna	Completed
12.	Prostho	Dr Khyati	Assessment of the accuracy of guided implant placed with the help of ridge mapping, by means of computerized tomography	Dr.Manisha Jayna Dr.Harish Yadav	Completed
13.	Prostho	Dr Deepa Sura	To compare and study the microwave denture base resin and conventional denture base resin with respect to their flexural strength, porosity and retention	Dr.Sumit Dr.Harish Yadav	Completed
14.	Prostho	Dr Dipti Goyal	Comparison and evaluation of nociceptive trigeminal inhibition tension suppression system appliance and full stabilization splint via surface electromyography of masticatory muscle and MRI findings	Dr.Puja Chowdhry Dr.Bhupender yadav	Completed
15.	Prostho	Dr Rishi Rana	Clinico-radiographic evaluation of immediate extraction followed by immediate implant placement	Dr.Harish Yadav Dr.Manisha Jayna	Completed
16.	Prostho	Dr Pooja Yadav	To assess the success of fixed prosthesis using natural teeth and implants as abutments clinically and radiographically-an invivo study	Dr.Harish Yadav Dr.Puja Chowdhry	Completed
17.	Prostho	Dr Shrey	To evaluate the success of root analogue zirconia implants placed in extraction socket	Dr.Harish Yadav Dr.Manisha Jayna	Completed
18.	Prostho	Dr Sukhdeep	An in-vitro study to compare the efficacy of three different commercially available porcelain repair systems with respect to their shear bond strength	Dr.Manisha Jayna Dr.Harish Yadav	Completed
19.	Prostho	Dr Sudha yadav	Evaluation of success and clinicoradiographic assessment of palatally emerging implants in atrophic maxilla.	Dr.Nupur Dabas Dr.Bhupender yadav	Completed
20.	Prostho	Dr Simran	Clinical success and evaluation of immediately loaded basal implants.		Completed
21.	Prostho	Dr Harsh	To study the effect of fixed partial dentures in reducing the mobility of periodontally weak teeth with the help of periotest –invivo study	Dr.Akshay Bhargava Dr.Nupur Dabas	Completed

FACULTY OF DENTAL SCIENCES, SGT UNIVERSITY
DEPARTMENT OF PROSTHODONTICS

22.	Prosthodontics	Dr Tanvi	Clinical evaluation of prefabricated veneers: composite veneers versus porcelain veneers.	Dr.Puja Chowdhry Dr.Bhupender yadav	Completed
23.	Prosthodontics	Dr Rohinika	Evaluation and assessment of the relationship between the inferior alveolar canal and the inferior border of mandible using OPG	Dr.Puja Chowdhry Dr.Bhupender yadav	Completed
24.	Prosthodontics	Dr Varun	To study the relative efficacy of ostell device and periotest to measure primary stability of immediately loaded implants placed at more than 40 insertion torque	Dr Puja Chowdhry Dr Sumit Singh Phukela	Completed
25.	Prosthodontics	Dr Jaiveer Singh Yadav	Comparative Evaluation of the shear bond strength in repaired cohesive and adhesive fractures using two commercially available intraoral repair systems. An in vitro study.	Dr Nupur Dabas Dr Akshay Bhargava	Completed
26.	Prosthodontics	Dr Pankaj Tripathi	An vitro study to evaluate and compare the surface roughness in heat cured denture base resin and injection molded resin system as affected by two commercially available denture cleansers.	Dr Sumit Singh	Completed
27.	Prosthodontics	Dr Ripul Pahwa	To evaluate the effect of varying percentage of recasted PFM alloy on bond strength using UTM and to analyse the oxide layer comparison using SEM & EDX (An in vitro study)”	Dr Akshay Bhargava Dr Sumit Singh Phukela	Completed
28.	Prosthodontics	Dr Ishita Dureja	A Comparative evaluation of the marginal fit of provisional crowns fabricated byCAD-CAM technique and direct intraoral technique and flexural strength of two commercially available provisional crown materials.	Dr Bhupender Yadav Dr Nupur Dabas	Completed
29.	Prosthodontics	Dr Shweta Thareja	Comparative evaluation of bond strength between cross linked acrylic teeth to heat cure denture base resin and thermoplastic denture base resin (An in-vitro study)”	Dr Akshay Bhargava Dr Sumit Singh Phukela	Completed
30.	Prosthodontics	Dr Tannu	Comparative evaluation of the vertical marginal fit with shoulder margin in pfm metal copings fabricated from direct metal laser sintering versus conventional lost wax technique using stereomicroscope. (An in-vitro study)	Dr Puja Chowdhry Malhsotra Dr Bhupender Yadav	Completed

FACULTY OF DENTAL SCIENCES, SGT UNIVERSITY
DEPARTMENT OF PROSTHODONTICS

31.	Prosthodontics	Dr Pooja Yadav	A comparative evaluation of effect of liners on the shear bond strength on veneered zirconia block – an in vitro study	Dr Nupur Dabas	Completed
32.	Prosthodontics	Dr Pankaj Ritwal	A comparative evaluation of periodontal parameters and crestal bone levels as influenced by different crown and bridge materials (PFM & ZIRCONIA) – an in vivo study	Dr. Puja Chowdhry Dr Bhupender Yadav	Completed
33.	Prosthodontics	Dr Vikram Moond	The Effect of Occlusal variations on the Flexural Strength of Zirconia bridges- an in vitro study	Dr Sumit Singh Phukela, Dr Nupur Dabas	Completed
34.	Prosthodontics	Dr Tajender	Comparative evaluation of fit and flexural strength of internal hexed screw retained metal framework on TMA supported by 5 implants, when casted in one piece followed by sectioning and welding using different methods- an in vitro study	Dr. Puja Chowdhry Dr Bhupender Yadav	Ongoing
35.	Prosthodontics	Dr Loveleen Puri	Evaluation of crestal bone level and implant stability quotient in immediately placed dental implants with and without L prf membrane application	Dr Bhupender Yadav, Dr Reshu Madan	Ongoing
36.	Prosthodontics	Dr Vikas Dhull	Comparative evaluation of shear bond strength of autopolymerising resin bonded to 3 different denture base resin (conventional, thermoplastic and thermoplastic polyamide resin)	Dr Sumit Singh Phukela, Dr Nupur Dabas	Ongoing

B) PhD Topics Year Wise- Nil

C) Research Projects with Intramural Grants

S.No	Name of Department	Name of PI/co-Investigator	Title of Project	Month of commencement	Funded by SGT/Self funded	Present Status
1.	Prosthodontics	Dr Puja Malhotra,	Extraction socket regeneration: A comparative evaluation of physiologically healed vs grafted bone in terms of bone quality, width and implant stability		SGT	On going
2.	Prosthodontics	Dr Sumit Singh Phukela,	Evaluating Fracture Strength and Phase transition of Polished Monolithic Zirconia following chair side occlusal adjustments		Self	On going

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3.	Prostho	Dr. Reshu Madan	The Effect of salivary Cotinine levels on osseointegration of root form endosseous implants as assessed by digital radiography & clinical evaluation.		SGT	On going
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D) Research Projects with Extramural Grants-NIL