

DARSHAN DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF PROSTHODONTICS

COMPLETED RESEARCH PROJECTS IN DEPARTMENT

S.No	POST GRADUATE STUDENT	TITLE	GUIDE	BATCH
1.	Dr Uttam Parmar	An in vivo comparison of clinical techniques for recording condylar guidances with radiographically calculated condylar guidance	Dr. Vivek Sharma	2016-2019
2.	Dr Somani Manali	In vitro study to evaluate the effect of commercially available dentifrices on demineralisation of overdenture abutment	Dr. Meenakshi Khandelwal	2016-2019
4.	Dr Pandya Mansi	“A clinical comparative study of accuracy of different interocclusal recording materials with cephalometric technique for calculating condylar guidance”	Dr. Vikas Punia	2016-2019
5.	Dr Nikhil N Panwar	A comparative evaluation of the internal fit and microleakage of zirconia and polyether ether ketone [PEEK] crowns	Dr. Vivek Sharma	2017-2020
6.	Dr. Divya Jain	“A comparative evaluation of direct and indirect 3d digitalization techniques for digital CAD/CAM data using different impression materials”	Dr. Meenakshi Khandelwal	2017-2020
7.	Dr. Neha Tare	A comparative evaluation of the effect of fabrication steps on marginal accuracy of zirconia and polyetheretherketone (peek) crowns”	Dr. Vikas Punia	2017-2020
8.	Dr. Shubhangi Mahesh Agarwal	A comparative evaluation to determine the effect of aging media and cleaning methods on colour stability of Polyether ether ketone [PEEK] and different polymers	Dr. Meenakshi Khandelwal	2018-2021

9.	Dr. Dordi Jehan Mehernosh	A comparative evaluation of surface properties and water sorption of Polyether Ether Ketone [PEEK] with different polymers in aging media	Dr. Meenakshi Khandelwal	2018-2021
10.	Dr Abhijeet Sethia	An In vitro comparative evaluation of bond strength between Polyether Ether Ketone and Resin cement using different adhesives system	Dr. Vikas Punia	2018-2021
11.	Dr. Mehtab Khan	A comparative evaluation of antimicrobial efficacy of various disinfectants on difficult denture base materials	Dr. Vikas Punia	2019-2022
12.	Dr Sharda Chirag Gautam	A comparative evaluation of effect of denture cleansers on color stability, surface roughness and hardness of polyamide denture base materials	Dr. Meenakshi Khandelwal	2019-2022
13.	Dr. Akshay Bhojraj Vinod	A comparative evaluation of micromotion and gap formation in implant abutment Interface – An in vitro study	Dr. Meenakshi Khandelwal	2020-2023
14.	Dr. Prajakta Bali Gir	A comparative evaluation of effect of different intermediate materials of microleakage at implant abutment interface: An in vitro study	Dr. Meenakshi Khandelwal	2020-2023
15.	Dr. Paras Malik	To evaluate and compare microleakage of different implant abutment connection designs: An in vitro study	Dr. Vikas Punia	2020-2023
16.	Dr Palak Salgia	A comparative evaluation of retention and stability for mandibular implant supported overdentures with overdentures with stud attachment at different implant location	Dr. Meenakshi Khandelwal	2021-2024

15.	Dr Vijay Suresh Latpate	A comparative evaluation of retention and stability of implant supported overdenture with different attachment designs	Dr. Meenakshi Khandelwal	2021-2024
16.	Dr Shrutika Lohiya	A comparative evaluation of retention and stability of implant supported overdentures with locator attachments at different implant locations.	Dr. Vikas Punia	2021-2024
17	Dr. Jai Poonam Bhati	"A comparative evaluation of stress distribution in titanium implant and abutment restored with various prosthetic crown materials: a finite element analysis"	Dr. Vikas Punia	2022-2025
18.	Dr. Madhuri Jain	“A comparative evaluation of stress distribution in peek and titanium dental implants with interchangeable abutments and crowns – a finite element analysis”	Dr. Vikas Punia	2022-2025
19.	Dr. Narendra Singh Tak	“A comparative evaluation of clindamycin and tetracycline on microbial decontamination of autogenous bone graft”	Dr. Anand Porwal	2022-2025
20.	Dr. Renuka Deshmukh	“Comparative evaluation of the flexural strength of acrylic resin denture base materials modified with different layering thickness of gingival shade composite resins-an in vitro study.”	Dr. Vikas Punia	2023-2026
21	Dr. Vaishnavi Ghughe	“To assess and compare the effect of layering gingival shade composite resin thickness on the flexural strength of denture base polymer resin material processed by different methods- an in vitro study”	Dr. Vikas Punia	2023-2026

22	Dr. Shahista Warsi	“To assess and compare the effect of denture cleanser on surface properties of denture base resin materials modified with different layering thickness of gingival shade composite resin- an in vitro study”	Dr. Anand Porwal	2023-2026
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DARSHAN DENTAL COLLEGE AND HOSPITAL
DEPARTMENT OF PROSTHODONTICS
ONGOING RESEARCH PROJECTS IN DEPARTMENT

S.No	POST GRADUATE STUDENT	TITLE	GUIDE	BATCH
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1.	DR. MUSKAN MEHTA	“A comparative evaluation of implant stability and crestal bone loss in implant placed using osseodensification and conventional drilling technique- a prospective clinical study”	Dr. Vikas Punia	2024-2027
2.	DR. OMKAR POKHARKAR	To assess and compare the effect of adding different ratio of graphene oxide nanoparticles to poly methyl methacrylate on their mechanical properties – an in vitro study”	Dr. Vikas Punia	2024-2027
3.	DR. VARTIKA ARORA	“To determine and compare the effect of adding different ratio of zirconium oxide nanoparticles to polymethyl methacrylate on their mechanical properties- an in vitro study”	Dr. Anand Porwal	2024-2027