

Darshan Dental College and Hospital, Udaipur
Department of Pediatric and Preventive Dentistry

Completed Research Projects

S.NO.	POSTGRAGUATE STUDENT	TITLE	NAME OF THE GUIDE
Batch 2022			
1	Dr. Parita Gadhia	Comparative evaluation of remineralization potential of 38% Silver diamine fluoride, bioactive glass varnish and nano hydroxyapatite gel in primary enamel using energy dispersive x-ray spectroscopy – an in vitro study	Dr. Ruchi Arora
2	Dr. Sofia Shams	A comparative evaluation of antimicrobial efficacy of centella asiatica with triphala on biofilm forming cariogenic microorganisms – an in vitro study	Dr. Ruchi Arora
3	Dr. Riddhi Jadeja	A comparative evaluation of various endodontic irrigants on the sealing ability of bio dentin on simulated immature apex – an in vitro study	Dr. Parul Rawat
Batch 2021			
1	Dr. Bhargesha Mawani	A Comparative Evaluation of Dentinal Microcracks Formation Using 3 Different Pediatric Rotary Files System in Root Canal Treatment of Primary Teeth An In Vitro Study	Dr. Ruchi Arora
2	Dr. Kamna Pahuja	To Evaluate and Compare the Remineralising Potential of CPP ACP Based Experimental Herbal Pediatric Dentifrice With Commercially Available Herbal Pediatric Dentifrice On Artificially Demineralized Human Enamel- An In Vitro Study	Dr. Ruchi Arora
3	Dr. Gourav Kamboj	To Evaluate and Compare the Nutritional and Oral Health Status In Tribal And Nontribal Children Of Udaipur District, Rajasthan A Community Based Comparative Study	Dr. Parul Rawat

Batch 2020			
1	Dr. Shruti Jain	Comparative evaluation of the marginal adaptation of three different root canal sealers to root dentin using scanning electron microscope – an in vitro study	Dr. Ruchi Arora
2	Dr. Sakshi Runwal	Comparative evaluation of the relationship between the apical preparation diameter and the apical seal using a stereomicroscope-an in vitro study	Dr. Ruchi Arora
3	Dr. Neha Kalantri	Comparative evaluation of coronal microleakage of different temporary restorative materials used for multi visit endodontic sessions in primary teeth-an in vitro study.	Dr. Parul Rawat
Batch 2019			
1	Dr. Sravanthi Kuntha	To compare and evaluate anxiety stress levels and acceptance of dental treatment in child patients approaching for dental procedure before and after nitrous oxide inhalation sedation by measuring salivary amylase and salivary cortisol - a cross-sectional study	Dr. Ruchi Arora
2	Dr. Rashmi Jain	A comparative evaluation of different root canal irrigants on removal of smear layer from instrumented root canal system: a scanning electron microscopy study	Dr. Ruchi Arora
3	Dr. Prithul Poddar	To determine dental defects and oral health status of patients with cleft palate up to 18 years of age – a cross-sectional study.	Dr. Parul Rawat
Batch 2018			
1	Dr. Juhi Mehta	Evaluation and comparison of salivary alkaline phosphatase levels with periodontitis and assessment of radiographic features in patients with beta thalassemia major- a cross-sectional study	Dr. Ruchi Arora
2	Dr. Piyush Kalsariya	A comparative evaluation of rise in temperature of pulp chamber using	Dr. Ruchi Arora

		different bleaching agents during light activation-an in vitro study	
3	Dr. Pallavi Jhanwar	A comparative evaluation of cuspal reinforcement in primary and permanent teeth using three different restorative materials – an in vitro study.	Dr. Subha Dogra
Batch 2016			
1	Dr. Mitrata Malot	Evaluating Acidogenic Potential by Salivary Ph Change Following Intake of Various Nutritional Health Drinks in Udaipur City	Dr. Ruchi Arora
2	Dr. Anuja Modi	A scanning electron microscope study on effect of blood and artificial salivary contamination on marginal adaptation and surface microstructures on mineral trioxide aggregate when used as a retrograde filling material-an in vitro study	Dr. Ruchi Arora
3	Dr. Gurpreet Brar	A comparative evaluation of remineralizing effect of different herbal dentifrices available in market-an in vitro study	Dr. Subha Dogra
Batch 2015			
1	Dr. Parshita Pancholi	A Comparative Evaluation of Efficacy of Conventional Needle, Endovac and Max-1 Probe Irrigation System In Removing Debris From Root Canal – An Invitro Scanning Electron Microscope Study	Dr. Ruchi Arora
2	Dr. Kaushal Joshi	Assessment Of Bleaching Efficiency of Hydrogen Peroxide Concentration (35 %) On Different Stains Induced Via Triple Antibiotic Paste, Mineral Trioxide Aggregate and Calcium Hydroxide Powder Combined with Aquatic Solution of Chlorhexidine An In Vitro Study	Dr. Ruchi Arora
Batch 2014			
1	Dr. Mayuri Chawda	To Compare Oral Microbiota in Neonates Delivered Vaginally and Caesarean Section	Dr. Ruchi Arora

2	Dr. Deepak Joshi	Evaluation And Comparison of Antibacterial Activity of Tulsi , Neem Pudina And Amla Extract Against Streptococcus Mutans -An In Vitro Study	Dr. Ruchi Arora
3	Dr. Shashank	An in vitro comparison of fracture resistance of reattached incisor tooth fragments by using four different materials	Dr Kamla B.K.
4	Dr. Priyanka Sharma	Estimation Of Trace Elements in Whole Unstimulated Saliva of Caries Free And Caries Active Children In Udaipur City- An In Vitro Study	Dr. Kamla B.K.
5	Dr. Hardik	An Evaluation of Colour Stability Of Contemporary Aesthetic Restorative Materials Exposed To Different Children Beverages – An In Vitro Study	Dr. Subha Dogra
Batch 2013			
1	Dr. Shabnam Gulzar	Comparison of antimicrobial activity of two chemo mechanical caries	Dr. Ruchi Arora
2	Dr. Saurabh Tiwari	Comparison Of Antimicrobial Efficacy Of Ozonated Water, Chlorhexidine And Sodium Hypochlorite Against Enterococcus Faecalis In Root Canals An In Vitro Study	Dr.Ruchi Arora
3	Dr. Paresh Lakhani	6 n propyl thio uracil(prop) a tool to determine taste status, salivary ph and caries experience in mothers and to correlate with their children	Dr. Kamla B.K.
4	Dr. Chirag Agrawal	To Compare Cleansing Efficacy, Time Elapsed, Periapical Exudation And File Fracture During Root Canal Preparation By Using Different File System In Permanent Teeth - An In Vitro Study	Dr. Kamla B.K.
5	Dr. Satyapal Singh	A Comparative Study Of Secondary Caries Formation Around New Fluoride Releasing Restorative Materials – An In Vitro Study	Dr. Shweta Adwani
Batch- 2012			
1	Dr. Sakshi Malik	Assessment Of Oral Health Status In Children Under 5 Years Of Age With	Dr. Ruchi Arora

		Protein Energy Malnutrition In Rural Areas Of Udaipur District, Rajasthan	
2	Dr. Chirag Raiyani	Assessment of microbial contamination on twice a day used toothbrush head after 1-month and 3 months: An in vitro study	Dr. Ruchi Arora
3	Dr. Raunak Yadav	Fluoride Concentration In Bottled Water, Carbonated Beverages, Fresh Fruit Juices And Tea Consume By Children In Udaipur City, India- An In Vitro Study	Dr. Deepak Bhayya
Batch 2011			
1	Dr. Parul Rawat	A Comparative Evaluation Of Antimicrobial Efficacy Of Three Endodontic Sealers: Endoflas Fs, Ah Plus and Sealapex Against Streptococcus Mutans, Enterococcus Faecalis And Staphylococcus Aureus An Invitro Study	Dr. Ruchi Arora
2.	Dr. Abhinandan Anand	Effect Of Milk, Chilled Fruit Juice And Liquid Chocolate On Surface Microhardness And Marginal Integrity Of Two Different Resin Modified Glassionomer Cement And Light Cure Composite An N Vitro Study	Dr. Ruchi Arora
3	Dr. Ankush Agarwal	Prevalence and oral health status of child labour among 8-14 years old children of Udaipur district, Rajasthan	Dr. Deepak Bhayya
Batch 2010			
1.	Dr. Siraj Khan	Comparative evaluation for microleakage between resin modified glass ionomer cement and nanocomposite following contamination with blood and saliva- an in vitro study.	Dr. Ruchi Arora
2.	Dr. Vikram Singh	Influence Of Dietary Simulating Solvents On The Hardness Of Permanent Restorative Materials: An In Vitro Study	Dr. Ruchi Arora
3	Dr. Rajesh Poptani	Longitudinal Changes In Molar Relationship From Primary To Permanent Occlusion In School Going Children Of Udaipur City	Dr. Nilotpol Kashyap

4	Dr. Aruna Kothari	Antimicrobial Activity Of Intracanal Medicaments On Pure Culture Of Oral Bacteria – An In Vitro Study	Dr. Nilotpol Kashyap
Batch 2009			
1.	Dr. Utsav Mukherji	Erosive Potential of Sugar Free and Sugar Containing Pediatric Medicines Given Regularly and Long Term to Children.	Dr. Ruchi Arora
2.	Dr. Asmita Sharma	Clinical-evaluation-of-the-plaque-removing-ability-of-four-different-toothbrushes-in-visually-impaired-children	Dr Ruchi Arora
3.	Dr. Subha Dogra	Knowledge and attitude of lactating mothers towards infant oral health care in Udaipur.	Dr. Deepak Bhayya
Batch 2008			
1.	Dr. Sapna Chauhan	Cariogenic potential of stored human milk and bovine milk	Dr. Ruchi Arora
2	Dr. Payal Karmakar	Determination of caries risk in children of Udaipur city using genetic sensitivity to the bitter taste of 6N Propylthaiouracil and correlating it to the caries free and caries active children.	Dr. Ruchi Arora
3.	Dr. Bhumi Sarvaiya	Prevalence of dental fluorosis in relation with different fluoride levels in drinking water among school going children in Sarada tehsil of Udaipur district, Rajasthan.	Dr. Deepak Bhayya
Batch 2007			
1..	Dr. Neeraj Panwar	A study of nutritional and oral health status among 8- 12 year old school going children in Udaipur city, Rajasthan .	Dr. Ruchi Arora
2.	Dr. Pratik Lahiri	A cephalometric study to compare the soft tissue pattern and establish the norms in mewadi and marwadi children of 11 – 13 years of age in Rajasthan	Dr. Ruchi Arora
3.	Dr. Sumedh Khare	To compare and evaluate impact strength, marginal integrity of fragment-bonded anterior teeth using two different techniques and restorative materials – an n vitro study.	Dr. Vineet Dhar

Batch 2006			
1	Dr. Amish Diwanchi	Comparative evaluation of microleakage and tensile bond strength of three restorative glass ionomer cements- an in vitro study.	Dr. Ruchi Arora
2.	Dr. Shefali Chaturvedi	To compare and evaluate microleakage and adhesive tensile bond strength in commonly used pit and fissure sealants using different methods of cleaning and preparing enamel surfaces with and without bonding agents – an in vitro study.	Dr. Ruchi Arora
3.	Dr. Ambika Rathore	To Determine Cephalometric Norms and To Compare Dentofacioial Patterns For Children Of Mewar And Marwar Regions Of Rajasthan	Dr. Vineet Dhar