

## Research Topics 2024

SR NO.	DESIGNATION	NAME	TITLE	RESEARCH TYPE	DEPARTMENT
1.	INTERN	Neha Jain Mentor- Dr Kirti Buva	Comparison of the cytotoxicity of Ashwagandha, Curcumin, and Lauric acid as an anticancer agent in oral squamous cell carcinoma cell lines- An Invitro study.	An Invitro Study	Oral Pathology and Microbiology
2	INTERN	Murtaza Akbarali Shapurwala Mentor- Dr Harjit S Kalsi, Dr Viraj Kharkar	Comparative evaluation on pain perception and anaesthetic efficacy of novel – designed cartridge syringe and disposable hypodermic syringes in adults - A randomized control trial	Randomized Control Trial	Oral and Maxillofacial Surgery
3.	INTERN	Meera Madgavkar Abhishek Walhekar Mentor- Dr Viraj Kharkar, Dr Harjit S Kalsi	Comparative evaluation of therapeutic efficacy of Combination of AloeVera and Pineapple Juice in Gel formation and Plain Alveogyl in Healing Extraction Sockets of Adults - Randomised Trial	Randomised Trial	Oral and Maxillofacial Surgery
4.	INTERN	Akankshi Bhattacharjee Murtaza Akbarali Shapurwala Mentor- Dr Nilesh V Joshi	Evaluation and comparison of the efficiency of a novel toothbrush incorporated with plaque detection device against the conventional disclosing agent- A Clinical trial.	Clinical trial	Periodontology
5.	INTERN	Gauri Limaye Akankshi Bhattacharjee Gauri U. Patil	Assessment of learning preferences among dental students using VARK questionnaire model in a private dental college - A cross-sectional study.	Cross- sectional study	Paediatric and Preventive dentistry

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		Shanice Almeida Mentor- Dr Laresh Mistry, Dr Saudamini More Dr Ashwin Jawdekar			
6.	INTERN	Himani Jain Mentor- Dr Swati Kale	Assess the attitude and awareness of parents of children of 6-12 years of age regarding oil pulling.	An Invitro study	Paediatric and Preventive dentistry
7.	INTERN	Abhishek Walhekar Meera Madgavkar Mentor- Dr Swati Kale	Knowledge of Parents and Paediatricians about the importance of Physiological spacing in primary dentition: An Observational Questionnaire based study	Questionnaire based Study	Paediatric and Preventive dentistry
8.	Staff	Dr. Kirti Buva	Evaluation of anti-apoptotic effect of Lauric Acid and Ashwagandha in Modulating Oral Squamous Cell Carcinoma (OSCC) in Murine Models.	Animal Study	Oral Pathology and Microbiology
9.	Staff	Dr.Kirti Buva	An immunohistochemical expression of kallikreins -7 in oral submucous fibrosis, and oral squamous cell carcinoma to explore its potential to be used as a predator for malignant transformation: A comparative observational study	A comparative observational study	Oral Pathology and Microbiology
10.	Staff	Dr.Deepak Kolte	A Comparative evaluation of Conventional Lignocaine infiltration anaesthesia and Buccal infiltration anaesthesia using Articaine in extraction of mandibular premolar teeth.	An Invivo Study	Oral and Maxillofacial Surgery
11.	Staff	Dr. Tanvi Saraf	Assessment of modified Peyton's technique in the paediatric dental education to impart knowledge and clinical skills to dental interns for the preclinical exercise of stainless steel crown preparation – A pilot study	Pilot study	Paediatric and Preventive dentistry
12.	Staff	Dr. Alok Ranjan	A Comparative evaluation of effect of different tray sizes on buccally impacted canine fraction at different angulation- A FEM study	FEM study	Orthodontic and Dentofacial Orthopaedics.
13.	Staff	Dr. Hitesh Sawant Dr. Parag Gangurde Gauri Nair	A Comparative evaluation of the use of magnifying loupes in improving ergonomic efficacy and postural comfort of the operator during bracket placement by orthodontic professionals- An	Experimental study	Orthodontic and Dentofacial Orthopaedics.

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14.	Staff	Dr.Pooja Yadav Dr.Dipooja Patil Dr.Anamika Sinha Dr. Shefali Talekar	Comparative Evaluation of effect of sodium hypochlorite, QMIX and Chloro-O-Quick irrigants on the surface Topography of two rotatory fills using atomic force microscopy and energy dispersion X-Ray spectroscopy – An Invitro Study	An Invitro study	Conservative dentistry and Endodontics
15.	Staff	Dr Anamika, Dr Dipooja Patil	Assessment of acceptance and performance amongst first year undergraduate BDS students across interactive online Vs offline teaching platforms- A prospective study	A prospective study	Conservative dentistry and Endodontics
16.	PG	Dr. Karan Akude	Comparative evaluation of retention with self etch and etch & rinse adhesive systems in non carious cervical lesions restored using composite resins- A systematic review and meta-analysis.	SRMA	Conservative dentistry and Endodontics
17.	PG	Dr. Apurva Patil	Comparative evaluation of efficacy of Ultrasonic irrigation versus PIPS or SWEEPS activated irrigation on post operative pain following Root canal treatment- A systematic review and Meta-Analysis.	SRMA	Conservative dentistry and Endodontics
18.	PG	Dr. Pooja Shah	Effect of temperature of Sodium hypochlorite used as a final irrigant after root canal treatment on post endodontic pain- A systematic review and Meta-Analysis.	SRMA	Conservative dentistry and endodontics
19.	PG	D. Swapnil Jadhav	Clinical performance of an Open sandwich technique and Direct composite resin in class II restorations- A systematic review and Meta-Analysis.	SRMA	Conservative dentistry and Endodontics.
20.	PG	Dr. Vishal Raut	Comparative evaluation of the retention rates of composite resin pit and fissure sealant based on permanent molar treated with air abrasion and acid etching- A systematic review.	Systematic review	Conservative dentistry and Endodontics.
21.	PG	Dr. Vishakha Sachani	Comparative evaluation of the effect of brushing simulation on the surface roughness of silicone and acrylic base soft liners using two dentifrices- An Invitro study.	An Invitro study	Prosthodontics and Crown and Bridge.
22.	PG	Dr. Diksha Wali	A Comparative evaluation of anti-microbial effects of mechanical tooth brushing and chemical cleansing solutions on Thermoformed and 3D printed aligners – An Invitro study.	An Invitro study	Orthodontic and Dentofacial Orthopaedics.

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Intern presentations = 07

Staff presentations = 08

PG student's presentations = 07

Subject-wise distribution

Pedodontics = 04      Orthodontics = 03      Prosthodontics = 01      Periodontology = 01      Oral Surgery = 03      Oral Pathology = 03

Conservative = 07