

DEPARTMENT ACTIVITIES:

Research work:

S.No	Year	Principal Investigator	Co- Investigator	Research Project Title
1.	2019-2020	Dr. Divya Pandey	Dr. Santosh Kumar Singh	Evaluation of effect of different intraoral barrier on fracture resistance of endodontically treated teeth during non vital tooth bleaching- An In Vitro study
2.	2019-2020	Dr. Vatsal Chouhan	Dr. Manish Agarwal	Comparative evaluation of fracture resistance of reattached anterior tooth fragment using different post system - An In Vitro study
3.	2019-2020	DR. Neha Dahiwale	Dr. Pankaj Mishra	Comparative evaluation of surface micro hardness and surface roughness of artificial carious lesions after remineralization by silver diamine fluoride and fluoridated tooth paste - An In Vitro study
4.	2020-2021	Dr.Anjali Sharma	Dr. Manish Agarwal	Comparative evaluation of effect of different surface pretreatment methods on bond strengths of aged composite resin – an in vitro study
5.	2020-2021	Dr.Samar Khan	Dr. Santosh Kumar Singh	Comparative evaluation of efficacy of 3 different sealer placement techniques on penetration depth of sealer in radicular dentinal tubules. An in vitro Confocal laser scanning microscopic study.
6.	2020-2021	Dr. Shweta Khard	Dr. Anu Narang	Comparative evaluation of various beverages on colour stability and surface roughness of various composite kits- an in vitro study
7.	2021-2022	Dr Suchi Pandey	Dr. Santosh Kumar Singh	Time dependant comparative evaluation of

8.	2021-2022	Dr Rashi Motwani	Dr. Anu Narang	the efficacy of K-File , canal brush technique and sonic irrigation technique in the retrievability of calcium hydroxide medicament from root canal – an invitro CBCT analysis Effect of fibre reinforce composite, polyethylene fiber ribbon and ceramic insert with composite on fracture resistance of bulk restored tooth with mesio-occlusal cavity design- An In vitro study
9.	2021-2022	Dr Muskan Sitlani	Dr Pankaj Mishra	Comparative evaluation of apical extrusion of debris using hand file system , rotary file system and reciprocating file system- an in vitro study
10.	2022-2023	Dr Avneel Neema	Dr. Santosh Kumar Singh	Influence of different thickness of light cure MTA , biodentine and light cure GIC on sealing ability of root end filling material- An Invitro study
11.	2022-2023	Dr Sajal Chaudhary	Dr. Anu Narang	Reinforcing the cervical dentin with bonded material to improve the fracture resistance of endodontically treated tooth – An invitro study
12.	2022-2023	Dr. Savarna Goswami	Dr Pankaj Mishra	The comparative evaluation of influence of different irrigants activation methods on bacterial elimination from infected root canal of endodontically treated tooth – an invitro study
13.	2023-2024	Dr. Shriya Mitna	Dr. Santosh Kumar Singh	The Effects of Zinc Oxide Eugenol, Calcium Hydroxide, Bioactive glass based, Resin based and Bio-ceramic –based Root Canal Sealers on Postoperative Pain: A Randomized Clinical Trial
14.	2023-2024	Dr. Shivani Rawat	Dr. Anu Narang	To evaluate and compare the microleakage of zinc oxide eugenol based, resin based,

15.	2023- 2024	Dr. Ayushi Upadhaya	Dr Pankaj Mishra	calcium hydroxide based, bioceramic based and bioactive glass based sealer using stereomicroscope- an invitro study Effect of heat generated by thermoplasticized gutta percha technique on bond strength of zinc oxide eugenol sealer, bioactive glass sealer and bioceramic sealer to dentin - An Invitro study
-----	---------------	------------------------	------------------	--

S.no	Batch	Principle Investigator	Co-investigator	Short Study Topic
1.	Batch 2019-22	Dr. Divya Panday	Dr. Santosh Kumar Singh	1. Effect of casein phosphopeptide – amorphous calcium phosphate on microhardness and fracture resistance of irradiated permanent human teeth- an in vitro study.
2.	Batch 2019-22	Dr. Neha Dahiwalé	Dr. Pankaj Mishra	1. Comparative evaluation of fracture strength of endocrown restorations using different composite materials : an in vitro study.
3.	Batch 2019-22	Dr. Vatsal Chauhan	Dr. Anu Narang	1. A comparative evaluation of fracture strength of natural tooth pontic reinforced with polyethylene –fibre post versus glass –fibre post : an in vitro study
4.	Batch 2020-23	Dr. Shweta Khard	Dr. Anu Narang	1. Comparative evaluation of fracture strength of endocrown restorations using different composite materials : an in vitro study.
5.	Batch 2020-23	Dr. Anjali sharma	Dr. Pankaj Mishra	1. A comparative evaluation of fracture strength of natural tooth pontic reinforced with polyethylene –fibre post versus glass –fibre post : an in vitro study
6.	Batch 2021-24	Dr .Muskan Sitlani	Dr. Pankaj Mishra	1. To study the fracture resistance of glass fiber insertion in different position on large class II cavities in maxillary premolars- An In Vitro Study.
7.	Batch 2021-2024	Dr. Rashi Motwani	Dr. Anu Narang	1. Effect of Nano Filled Protective Coating and Dentin Bonding Agent on the Microleakage Resistance of A Hybrid Composite During Bleaching Treatment- An In Vitro Study
8.	Batch 2021-2024	Dr. Suchi Pandey	Dr. Santosh Kumar Singh	1. An in vitro Comparative Evaluation of Fracture Resistance of Endodontically Treated Teeth Obturated with Four Different Root Canal Sealers
9.	Batch 2022-2025	Dr. Savarna Goswami	Dr. Anu Narang	1. Comparative Evaluation Of The Effect Of Conventional And Truss Access Cavities

				On Remaining Dentin Thickness, Canal Transportation In Maxillary First Premolars Using Cone Beam Computed Tomography
10	Batch 2022-2025	Dr. Sajal Chaudhary	Dr. Pankaj Mishra	1. Effectiveness of Ultrasonic and Manual Dynamic agitation technique using different irrigants - an in vitro study.
11	Batch 2023-2026	Dr. Shriya Mitna	Dr. Santosh Kumar Singh	1. Impact of Various Cavity Disinfectants on the Fracture Resistance in Tooth Fragment Reattachments: an invitro study
12	Batch 2023-2026	Dr. Shivani Rawat	Dr. Anu Narang	1. 3 Dimensional CBCT evaluation of sealer placement using different techniques-An invitro study
13	Batch 2023-2026	Dr. Ayushi Upadhaya	Dr. Pankaj Mishra	1. Influence of different intracanal medicaments on the bond strength of bioactive glass sealer.

Extension And Outreach Activities:

S.NO.	EVENT	DATE
1.	3D Obturation Technique	14/05/2019
2.	Dealing with Failure: The Root Canal Story	27/08/2019
3.	Bioactive Restoratives: New Genre	22/01/2020
4.	Patency, Scouting and pre-flaring key to success for rotary endodontics	16/08/2020
5.	Lecture on Microendodontics	25/11/2020
6.	Lecture on Aesthetic Dentistry	18/12/2020
7.	LA technique workshop	11/02/2021
8.	Certificate on basics of comprehensive advanced dentistry (Interns program)	08/02/2021-09/02/2021
9.	Microdentistry in association with Indian Academy of aesthetic and cosmetic dentistry	05/07/2020
10.	Workshop on articulators	18/08/2021
11.	Workshop on articulators	06/10/2021
12.	Lecture on comprehensive advance dentistry	20/10/2021
13.	Certificate on basic of comprehensive advance dentistry	25/10/2021
14.	CDE programme on Aesthetic Dentistry : Health Science	09/10/2021
15.	Post Graduate Orientation Program	10/12/2021
16.	Dental checkup camp	03/12/2021,04/12/2021,05/12/2021
17.	Workshop on Trunatomy file system and composite material	19/05/2021

18.	Workshop on Endodontic Surgery	2022-2023
19.	Endodontist Day	05/03/2021
20.	Laminates and Veneers	24/02/2023
21.	CBCT as a diagnostic tool	02/03/2023
22.	Endodontist Day	04/03/2023
23.	Research Methodology	15/03/2023
24.	Lab visit for CAD-CAM	26/03/2023
25.	Endodontic- Orthodontic Relationship	13/04/2023
26.	Practice Management	04/05/2023
27.	Use of Cautery in Dentistry	11/05/2023
28.	Occlusion in Full Mouth Rehabilitation	11/10/2023
29.	CBCT in Endodontics	06/06/2024
30.	Dental Oncology	20/07/2024

S.no	PG	Batch	Special Cases
1.	Dr. Suchi Pandey	2021-2024	<ol style="list-style-type: none"> 1. Aesthetic Dentistry <ul style="list-style-type: none"> - A. Composite Build-Up - B. Direct Composite Veneers - C. Diastema Closure - D. Canine To Canine Smile Designing With Porcelain Veneers And Direct Composite Veneers 2. Apexification: Using Biodentin 3. Bleaching <ul style="list-style-type: none"> - A. Management Of Fluorosis Stains: In-Office Vital Bleaching Using Antivit Bleaching Kit - B. In-Office Vital Bleaching Using Pola Office Bleaching Kit - C. In-Office Vital Bleaching Using Ultradent Bleaching Kit

- D. Non-Vital Bleaching: Walking Bleach Technique
- 4. Post And Core
 - A. Pre-Fabricated Fibre Post
 - B. Custom Cast Post
- 5. Management Of Furcal Perforation: Canal Projection Technique Using MTA
- 6. Root Canal Treatment
 - A. Extra Canals
 - I. Maxillary Molar With MB2 Canal
 - Ii. Mandibular Canine With 2 Canals With 2-1 Configuration
 - Iii. Mandibular Molar With Radix Entomolaris
 - Iv. Mandibular Molar With Middle Mesial Canal
 - V. Maxillary Third Molar With 4 Roots And 4 Root Canals
 - Vi. Mandibular Second Molar With 2 Canals: 2-1 Configuration
 - B. Mandibular Molar With C-Shaped Canals
- 7. Management Of Separated Instrument
 - A. Instrument Retrieval Using Ultrasonics In Mandibular Third Molar
 - B. Instrument Retrieval And File Bypass In Mandibular Canine With 2-1 Configuration
- 8. Composite Restoration Using Stamp Technique
- 9. Fabrication Of Composite Inlay
- 10. Management Of Endo Perio Lesion
 - A. RCT And Curettage
 - B. RCT Followed By Bone Graft
- 11. PERIAPICAL SURGERIES
- 12. REATTACHMENT CASES: FIBRE SPLINTING AND FIBRE POST
- 13. WIRE SPLINTING

2.	Dr. Rashi Motwani	2021-2024	1. ESTHETIC <ul style="list-style-type: none"> A. Resin Infiltration B. Ceramic Veneers-1 C. Ceramic Veneers -2 D. Composite Veneering E. Direct Composite Restoration F. Diastema Closure Using Composite G. Veneers And Crown 2. BLEACHING <ul style="list-style-type: none"> A. Vital Bleaching Using Antivet
----	-------------------	-----------	---

- B. Vital Bleaching Using Ultradent
- C. Vital Bleaching Using Pola Office
- D. Vital Bleaching Using Blitz White

3. INLAY

- A. Composite Inlay ONLAY

4. POST AND CORE

5. APEXIFICATION

- A. Communication Between Internal And External Resorption
- B. Apexification

6. ENDODONTIC SURGERY

7. ROOT CANAL TREATMENT

- A. Internal Resorption
- B. Single Canal With 48
- C. Radix Entomolaris
- D. Single Visit Endodontics Using Wave One
- E. Curved Canal

8. RETREATMENT

- A. Non-Surgical Healing Of Cyst
- B. File Retrieval

9. SPLINTING

10. MARYLAND BRIDGE

3. Dr. Muskan Sitlani 2021-2024

1. COMPOSITE

- A. Composite Veneering
- B. Diastema Closure Using Putty Technique
- C. Composite Build-Up

2. TRAUMA

- A. Re-Attachment Of Avulsed Tooth
- B. Splinting Of Mobile Anterior Teeth

3. BLEACHING

- A. Vital
- B. Non-Vital

4. INLAY AND ONLAY

5. POST AND CORE

6. APEXIFICATION

			7. VENEERS
			8. ENDO-PERIO LESION
			9. SPECIAL CASES-ROOT CANAL TREATMENT
			10. RETREATMENT
			11. ENDODONTIC SURGERIES
4.	Dr. Avneel Neema	2022-2025	1. ESTHETIC A. Anterior Composite Build Up With Putty Index B. Anterior Midline Diastema Closure With Putty Index C. Anterior Composite Veneer D. Anterior Midline Diastema Closure E. Anterior Composite Build Up F. Composite Build Up With Lateral Incisors For Orthodontic Bonding
			2. BLEACHING A. Vital Bleaching With Pola Office B. Vital Bleaching With Ultradent C. Non-Vital Intracoronal Bleaching
			3. INLAY A. Composite Inlay
			4. POST AND CORE A. Anterior Fiber Post
			5. APEXIFICATION A. Management Of Open Apex
			6. ENDODONTIC SURGERY
			7. ROOT CANAL TREATMENT A. Single Visit Endodontics B. Radix Entomolaris
5.	Dr. Sajal Chaudhary	2022-2025	1. COMPOSITE RESTORATION BY STAMP TECHNIQUE 2. INDIRECT PULP CAPPING 3. NON- VITAL BLEACHING 4. VERTUCCI TYPE V 1-2 CONFIGURATION IN MANDIBULAR 1ST PREMOLAR 5. ESTHETIC MANAGEMENT OF ANTERIOR TRAUMATIC TEETH USING

- FIBRE POST AND CORE
- 6. DIRECT COMPOSITE RESTORATION
- 7. MAXILLARY 1ST MOLAR WITH 2 CANALS
- 8. ENDODONTIC MANAGEMENT OF RADIX ENTOMOLARIS
- 9. BLEACHING OF A NON-VITAL ANTERIOR TOOTH TO REMOVE THE INTRINSIC DISCOLORATION
- 10. COMPOSITE RESIN FOR RESTORATION OF A POSTERIOR TOOTH
- 11. ENDODONTIC MANAGEMENT OF DILACERATED PREMOLAR

6.	Dr. Savarna Goswami	2022-2025	<ul style="list-style-type: none"> 1. Endodontic Re-Treatment <ul style="list-style-type: none"> A. Maxillary First Molar B. Maxillary Central Incisor 2. Ideal Root Canal Treatment Case <ul style="list-style-type: none"> A. Class 1 3. Furcal-Perforation Repair <ul style="list-style-type: none"> A. With MTA, GIC, And Composite Restoration 4. Ellis Class III Fracture <ul style="list-style-type: none"> A. Maxillary Lateral Incisor: Endodontically Treated And Repaired With Fiber Post And Composite Core Build-Up 5. C-Shaped Canal <ul style="list-style-type: none"> A. Mandibular Second Molar 6. Non-Surgical Re-Treatment 7. Radix Entomolaris Case 8. Aesthetic Rehabilitation <ul style="list-style-type: none"> A. Fractured Maxillary Central Incisor By Composite Veneering 9. MB2 Canal Case <ul style="list-style-type: none"> A. Maxillary First Molar <ul style="list-style-type: none"> 1. <i>IN-OFFICE VITAL TOOTH BLEACHING</i> 2. <i>Build-Up With Direct Composite Resin Using Putty Matrix.</i>
7.	Dr. Shriya Mitna	2023-2026	

8.	Dr. Shivani Rawat	2023-2026	1. Bleaching 2. Fibre Post And Core
9.	Dr. Ayushi Upadhaya	2023-2026	1. RESIN INFILTRATION BY DGM ICON 2. COMPOSITE VENEERING

List of publications:

Year of Publication	Faculty name & Designation	Name of the Journal	Category I / II / III	Points
2019	Dr. Santosh Kumar Singh Professor & HOD	Mineral trioxide Aggregate as periapical obturation: A case report and review of literature. IOSR-JDMS, Eissn: 2279-0853,p- ISSN 2279-0861, Vol n18, Issue 4 Ser 10 , april 2019, PP 01-05	III	2.5
		Minimum inhibitory concentration evaluation of novel intra-canal medicament: An in-vitro study. J Res Adv Dent 2019;9:3:25-11	II	10
		Comparative evaluation of efficacy of different irrigants for the removal of iodoform based calcium hydroxide medicament from root canal: an in vitro study. An in-vitro study. J Res Adv Dent 2019;9:3:175-180.	II	10
	Dr. Anu Narang Professor	To Compare Fracture Resistance Of Root Canals Obturated With Different Obturating Systems Journal Of Research And Advancement In Dentistry (J Res Adv Dent 2019 ;10:1s:347-350)	II	10
		Periodontally Accelerated Osteogenic Orthodontics	I	7.5
	Dr.Pankaj Mishra Professor	Journal Of Family Medicine and Primary Care , 2019 Removal of broken safety pin from root canal: A case report Journal of research and advancement in dentistry,2019, 9, 3s, 90-93	II	5

		A review of various techniques and studies for bone mapping in oral implant placement.	II	5
		Journal of research and advancement in dentistry., 2019, 9, 3s, 73-83		
Dr.Siddhi Yadav		Minimum inhibitory concentration evaluation of novel intracanal medicament :an in vitro study	II	10
Reader		Journal Of Research And Advancement In Dentistry Mar.-Apr.2019;Vol 9: Issue 3:Page25-31		
		Antigingivitis effect of pomegranate extract gel: a clinical study.	I	15
		International Journal Of Scientific Reseach.Vol-8/Issue-11/Nov-2019		
Dr Khushboo Magwa		Drying protocols effect on the bond strength of Bioceramic, MTA and Resin Based Sealers obturated teeth.		15
Reader		International Journal of Clinical Pediatric Dentistry Volume 12 Issue 1 (January-February2019)	I	
		Large oral ranula- Secondary to trauma	III	
		IOSR-JDMS		
Dr Priyanka Dubey		Mineral trioxide aggregate as periapical obturation: A case report and review of literature.	III	2.5
Reader		IOSR-JDMS		
Dr Purnima Verma		Comparaive evaluation of efficacy of different irrigants for the removal of idoform based calcium hydroxide medicament from root canals :	II	10
Sr lecturer		An invitro study- J Res Adv Dent 2019		
2020	Dr. Santosh Kumar Singh	Evaluation of apical microleakage of three endodontic sealers using dye penetration method: An invitro study, IJDSIR, Volume – 3 Issue – 3, Page No. 559 – 564. MAY 2020	I	15
	Professor & HOD	Clinical signs as a guide for the	II	10

diagnosis of periapical pathologies:A
Random population study among
patients of central india

J Res. Adv. Dent 2020;10;2:180-185

A Comparative Analysis of rotary
NiTiandstainless-Steel instrument for
removing gutta perchaduring
retreatment using the AUTOCAD
software. II 10

J. Res Adv.Dent 2020;10:3:257-263

A Prospective Randomized Study to
Assess the Quality of Life in Post-
Operative Recovery Phase in Patients
Undergoing Surgery for Isolated
Vertically Undisplaced Mandibular
Parasymphysis Fracture Using Twin
Mix Solution. I 15

**J. Maxillofac.Oral Surg.31st oct
2020**

Dr. Anu Narang
Professor Platelet rich fibrin for root coverage: a
plausible approach in periodontal
plastic and esthetic surgery I 15

Ann Afr Med,2020

Periodontally accelerated osteogenic
orthodontics: a perio ortho
ambidextrous perspective III 5

Dr.Pankaj Mishra
Professor **J. Family Med Prim Care, 2020**
A Comparative evaluation of efficacy
of rotary and reciprocating files in
removal of gutta percha in endodontic
retreatment: An invitro study. II 10

**Journal of research and
advancement in dentistry., 2020, 10,
2, 125-129**

Dr Juhi
Deopujari
Sr lecturer Chemical Irrigant and its effect on the
bond strength of a self-etching
adhesive to pulpal dentin. II 2.5

**International Journal of Medical
and Health Research Volume 6;
Issue 11; 2020; Pg No. 29-32.**

Dr. Rupal
Saxena Evaluation of Dentinal Crack
formation during root canal II 5

	Sr lecturer	preparation by using Twisted file adaptive, Wave one instrument and Protaper Universal system.		
		IOSR-JDMS Journal of Dental and Medical Sciences (November2020);volume 19;Issue 11page no. 20-24		
		Methods to determine Root canal curvatures and its managements	III	2.5
	Dr Purnima Verma	Journal of research and Advancement in Dentistry(February2020);Volume 10;Issue 2sPage no.126-132 To evaluate the color matching ability of dental practitioners for matching two commonly used light cure composite materials, in variable thickness with standard vitapan shade guide.	III	5
	Sr lecturer			
		IOSR-JDMS, Issue 2, Feb 2020 Evaluation of apical microleakage of three endodontic sealers using dye penetration method: An invitri study.	I	15
		IJDSIR Issue-3 May 2020 comparative analysis of different rotary file system on crack formation in dentin: A CBCT Analysis-	II	15
	Dr Jasleen Suri	IJDSIR Issue-3 June-2020 Frequency of root canal treatment among patients attending dental college in Bhopal	I	15
	Sr lecturer			
		European journal of molecular and clinical medicine,2020 ;7(11),ISSN2515-8260		
2021	Dr. Santosh Kumar Singh	Comparasion of variability in diameter and taper of gutta-percha cones of different brands using stereomicroscopy and digital micrometer.	II	10
	Professor & HOD			
		JRAD2021;12(6):374-377		
		Intraradicular rehabilitation of weakened immature teeth: A case	III	2.5

report.

**IOSR-JDMS,VOL 20,ISSUE 7
Ser.15 (July, 2021)PP 31-34**

A novel technique for intraradicular rehabilitation using MTA and light transmitting fibre post: a case report. III 2.5

University journal of dental sciences 2022; original research paper vol 8 issue 1

Comparative evaluation of fracture strength of endocrown restorations using different composit materials: an in vitro study. II 10

JRAD 2022

Microinvasive Management Of White Spot Carious Lesions Using Resin Infiltration Technique II 10

A Case Report.J Res Adv Dent 2022;13(2):1-4

**Dr. Anu Narang
Professor** Comparative evaluation of fracture strength of natural tooth pontic reinforced with polyethylene-fibre post vs glass fibre post: an in vitro study III 5

International journal of prosthodontics and restorative dentistry, 2021

**Dr.Pankaj Mishra
Professor** A comparative evaluation of fracture strength of natural tooth pontic reinforced with polyethylene- fibre post vs glass fiber post- an in vitro study. III 5

International journal of prosthodontic & restorative dentistry vol 11 issue 4 (oct dec 2021)

**Dr Khushboo
Magwa
Reader** Comparison of variability in Diameter and Taper of Gutta-Percha Cones of Different Brands using Stereomicroscopy and Digital Micrometer. II 10

		Journal of Research and Advancement in Dentistry. Volume 12, Issue 6, Nov-Dec 2021		
		Comparative evaluation of effect of Resin protective coatings on the surface hardness and shear punch strength of different glass ionomer cements- An in vitro study.	I	15
		Journal of Research in medical and dental sciences. Volume 9, Issue 11 (November 2021)		
2022	Dr. Santosh Kumar Singh Professor & HOD	A comparative evaluation of fracture strength of natural tooth pontic reinforced with polyethylene- fibre post vs glass fiber post- an in vitro study.	III	2.5
		International journal of prosthodontic & restorative dentistry vol 11 issue 4 (oct dec 2021)		
		To study fracture resistance of interlig glass fibre orientation and placement on large class II cavities in maxillary premolars: An in-vitro study.	III	2.5
		Enviro Dental Journal 2022;4(2)		
		Replacement of missing anterior with Maryland bridge using ribbon: a case report.	III	2.5
		Enviro Dental Journal 2022;4(2)		
	Dr. Anu Narang Professor	Maxillary labial frenectomy with diode laser therapy : a case report	III	5
		European journal of pharmaceutical and medical research, 2022		
		Microinvasive management of white spot carious lesions using resin infiltration technique: a case report	III	5
		Journal of research and advancement in dentistry,2022		
		Comaprtive evaluation of fracture strength of endocrown restorations	III	5

	using different composite materials: an in vitro study		
	J. res adv dent,2022 A novel technique for intra radicular rehabilitation using MTA and light transmitting fibre post: a case report	III	5
	University journal of dental sciences,2022 To study fracture resistance of interlig glass fiber orientation and placement on large class 2 cavities in maxillary premolars: an in vitro study	III	5
	Enviro dental journal,2022 To study fracture resistance of interlig glass fibre orientation and placement on large class II cavities in maxillary premolars: An in-vitro study.	III	
	Enviro Dental Journal 2022;4(2)		
Dr.Pankaj Mishra Professor	Comparative evaluation of fracture strength of endocrown restorations using different composit materials: an in vitro study.	II	5
	JRAD 2022 To study fracture resistance of interlig glass fibre orientation and placement on large class II cavities in maxillary premolars: An in-vitro study.	III	5
	Enviro Dental Journal 2022;4(2)		
	Replacement of missing anterior with Maryland bridge using ribbond: a case report.	III	2.5
	Enviro Dental Journal 2022;4(2)		
Dr Khushboo Magwa Reader	Comparative analysis of flexural strength of four commercially available dental restorative materials.	I	15
	International journal of health sciences. 6 (S1), March 2022		
Dr Juhi	Evaluation of Microcracks formed	I	15

	Deopujari Sr lecturer	During Root Canal Preparation by Different File Systems Using Micro-computed Tomography: An In Vitro Study.		
		The Journal of Contemporary Dental Practice, Volume 23; Issue 1 (January 2022)		
	Dr Jasleen Suri Sr lecturer	Go micro esthetics: A Cross-Sectional Study to Assess Anterior Hard and Soft Tissue Parameters in Young Adults of Bhopal City.	I	15
2023	Dr. Santosh Kumar Singh Professor & HOD	Cureus.2022 Dec6;14(12):e32258. Comparative evaluation of effect of different surface pretreatment on bond strengths of thermocycled composite and amalgam re restored with composite resin: An in vitro study.	III	2.5
		IJOPRD 30 MARCH 2023		
		Effectiveness of ultrasonic and manual dynamic agitation technique using different irrigants: An In Vitro Study	III	2.5
		Enviro Dental Journal 2023;vol 5(2)		
		BOOK CHAPTER Bioceramics for Cosmetic Dentistry. Advance bioceramics. 1 st edition 2023. Crc press.isbn9781003258353 DOI: 10.1201/9781003258353-12	II	10
	Dr. Anu Narang Professor	Comparative evaluation of effect of different surface pretreatment on bond strengths of thermocycled composite and amalgam re restored with composite resin: an in vitro study	III	5
		IJOPRD, 2023 Replacement of missing anterior with Maryland bridge using ribbond: a case report	III	5
	Dr.Pankaj Mishra Professor	Enviro dental journal, 2023 Comparative evaluation of effect of different surface pretreatment on bond strengths of thermocycled composite	III	2.5

and amalgam re restored with composite resin: An in vitro study.

IJOPRD 30 MAR 2023

Effectiveness of ultrasonic and manual dynamic agitation technique using different irrigants: An In Vitro Study III 5

Enviro Dental Journal 2023;vol 5(2)

Dr.Siddhi Yadav
Reader To measure and compare the microleakage in three different newer direct composite resins using adhesive bonding system in class v cavities – in vitro study. II 10

European Chemical Bulletin 2023,12(12),3135-3146

Dr Khushboo Magwa
Reader Assessment of dissolving efficacy of various solvents on three different sealers. I 15

Journal of Survey in Fisheries Sciences. Volume 10- Issue 1 (2023)

In Vitro comparison of the flexural strength of 3 commercially available composite resin based restorative materials. I 15

Pak Heart J. 2023-56(03)

A comparative assessment of bone regeneration utilizing platelet- rich fibrin in extraction sockets of mandibular third molars: A randomized split-mouth study. I 15

Journal of clinical otorhinolaryngology, head and neck Surgery. Vol: 27 Issue:2, 2023

Effect of varied access cavity designs on intracoronary bleaching outcomes in Endodontically treated teeth using two different agents: An In vitro comparative study. I 15

Eur. Chem. Bull. 2023,12 (special issue 4), 20182-20187

	Dr Priyanka Dubey Reader	To measure and compare the microleakage in three different newer direct composite resins using adhesive bonding system in class v cavities – in vitro study.	III	2.5
		European Chemical Bulletin 2023,12(12),3135-3146		
	Dr. Rupal Saxena Sr lecturer	Comparative evaluation of Aloe vera, curcumin and Lycopene in Oral Submucous Fibrosis patients – A Randomized Controlled trial	III	2.5
		Journal of Precision Oncology (June) 2023;Volume 3Issue 1:Page no.35-9		
		Predictive risk factor analysis of Oral Submucous fibrosis among gond tibes of Central india – A Cross sectional study	III	2.5
		Journal of Precision Oncology (June) 2023;Volume 3Issue 1:Page no.40-4		
	Dr Jasleen Suri Sr lecturer	Comparative evaluation of shear bond value of conventional glass ionomer cement and new ceramic reinforced glass ionomer cement: An invitro study	III	2.5
		Eur.Chem.Bull.2023,12(4), 751-758		
2024	Dr. Santosh Kumar Singh Professor & HOD	To Study Fracture Resistance of Glass Fiber Insertion in Different Positions on Large Class II Cavities in Maxillary Premolars: An In Vitro Study.	II	10
		Journal of Research and Advancement in Dentistry Volume 15 Issue 2 Mar-Apr 2024		
		An in vitro Comparative Evaluation of Fracture Resistance of Endodontically Treated Teeth Obturated with Four Different Root Canal Sealers.	II	10

**Journal of Research and
Advancement in Dentistry | Volume
15 | Issue 3 | May-Jun 2024**

Patent 1

15

- Angulated Abutment Post
Dental Implant

Design No.: 409464-001

Date: 06/03/2024

Patent 2

15

- Adjusted Angulated Mouth
Mirror For Enhanced Dental
Visualizations

Design No.: 405871-001

Date: 28/01/2024

**Dr. Anu Narang
Professor**

Effect of nano filled protective
coating and dentin bonding agent on
the microleakage resistance of a
hybrid composite during bleaching
treatment

III

5

**International journal of orofacial
research,2024**

An in vitro comparative evaluation of
fracture resistance of endodontically
treated teeth obturated with four
different root canal sealers

III

5

**Dr.Pankaj Mishra
Professor**

J rest adv dent,2024

To Study Fracture Resistance of Glass
Fiber Insertion in Different Positions
on Large Class II Cavities in
Maxillary Premolars: An In Vitro
Study.

II

10

**Journal of Research and
Advancement in Dentistry | Volume
15 | Issue 2 | Mar-Apr 2024**

An in vitro Comparative Evaluation
of Fracture Resistance of
Endodontically Treated Teeth

II

10

Obtured with Four Different Root Canal Sealers.

Journal of Research and Advancement in Dentistry | Volume 15 | Issue 3 | May-Jun 2024

	Patent 1	I	15
	<ul style="list-style-type: none">• Angulated Abutment Post Dental Implant		
	Design No.: 409464-001 Date: 06/03/2024		
	Patent 2	I	15
	<ul style="list-style-type: none">• Adjusted Angulated Mouth Mirror For Enhanced Dental Visualizations		
	Design No.: 405871-001 Date: 28/01/2024		
Dr.Siddhi Yadav	Analysis of post operative pain following single sitting root canal treatment.	I	15
Reader			
	Journal Of Pharmacy And Bioallied Sciences:Vol 16:Supplement 1:Feb 2024		
	Patent	I	15
	Adjustable angulation mouth mirror for enhanced dental visualizations.		
	Design No.: 405871-001 Date: 28/01/2024		
Dr Khushboo Magwa	Patent	I	15
	Adjustable angulation mouth mirror for enhanced dental visualizations.		
Reader			
	Design No.: 405871-001 Date: 28/01/2024		
Dr Priyanka Dubey	To evaluate the color matching ability of dental practitioners for matching two commonly used light cure composite materials, in variable thickness with standard vitapan shade guide.	III	15
Reader			
	IOSR-JDMS		
Dr Juhi Deopujari	Patent:	I	15
	Adjusted Angulated Mouth Mirror For Enhanced Dental Visualizations		
Sr lecturer			

Design No.: 405871-001

Date: 28/01/2024

Dr Jasleen Suri Patent

15

Sr lecturer Adjusted Angulated Mouth Mirror
For Enhanced Dental Visualizations

Design No.: 405871-001

Date: 28/01/2024

Extension And Outreach Activities:

S.NO.	EVENT	DATE
1.	3D Obturation Technique	14/05/2019
2.	Dealing with Failure: The Root Canal Story	27/08/2019
3.	Bioactive Restoratives: New Genre	22/01/2020
4.	Patency, Scouting and pre-flaring key to success for rotary endodontics	16/08/2020
5.	Lecture on Microendodontics	25/11/2020
6.	Lecture on Aesthetic Dentistry	18/12/2020
7.	LA technique workshop	11/02/2021
8.	Certificate on basics of comprehensive advanced dentistry (Interns program)	08/02/2021-09/02/2021
9.	Microdentistry in association with Indian Academy of aesthetic and cosmetic dentistry	05/07/2020
10.	Workshop on articulators	18/08/2021
11.	Workshop on articulators	06/10/2021
12.	Lecture on comprehensive advance dentistry	20/10/2021
13.	Certificate on basic of comprehensive advance dentistry	25/10/2021
14.	CDE programme on Aesthetic Dentistry : Health Science	09/10/2021
15.	Post Graduate Orientation Program	10/12/2021
16.	Dental checkup camp	03/12/2021,04/12/2021,05/12/2021
17.	Workshop on Trunatomy file system and composite material	19/05/2021
18.	Workshop on Endodontic Surgery	2022-2023
19.	Endodontist Day	05/03/2021
20.	Laminates and Veneers	24/02/2023
21.	CBCT as a diagnostic tool	02/03/2023
22.	Endodontist Day	04/03/2023
23.	Research Methodology	15/03/2023
24.	Lab visit for CAD-CAM	26/03/2023
25.	Endodontic- Orthodontic Relationship	13/04/2023
26.	Practice Management	04/05/2023
27.	Use of Cautery in Dentistry	11/05/2023
28.	Occlusion in Full Mouth Rehabilitation	11/10/2023

29. CBCT in Endodontics
30. Dental Oncology

06/06/2024
20/07/2024

List of dissertation:

S.No.	Year	P.G Student	Guide	L.D	Main Dessertation
1.	2019-2020	Dr. Divya Panday	Dr. Santosh Kumar Singh	Smear Layer	Evaluation of effect of different intraoffice barriers on fracture resistance of endodontically treated teeth during non vital tooth bleaching-An in vitro study
2.	2019-2020	Dr. Neha Dahiwale	Dr. Pankaj Mishra	Microleakage	Comparative evaluation of the surface roughness and microhardness of artificial carious lesions remineralised by silver diamine fluoride and fluoridated toothpaste – an in vitro study
3.	2019-2020	Dr. Vatsal Chauhan	Dr. Anu Narang	Dental Amalgam	A comparative evaluation of fracture resistance of reattached anterior tooth fragment using different post system –an in vitro study
4.	2020-2021	Dr. Anjali Sharma	Dr. Pankaj Mishra	Endodontic Sealers	Comparative evaluation of effect of different surface pretreatment methods on bond strengths of aged composite and amalgam re-restored with composite resin-An In-vitro study
5.	2020-2021	Dr. Samar Khan	Dr. Santosh Kumar Singh	Pulp Capping Agents	Comparative evaluation of efficacy of three different sealer

6.	2020-2021	Dr. Shweta Khard	Dr. Anu Narang	Laminates and Veneers	placement techniques on the penetration depth of sealer in radicular dentinal tubule –an in vitro confocal laser scanning microscopic study Comparative evaluation of various beverages on colour stability and surface roughness of various composite kits- an in vitro study
7.	2021-2022	Dr Suchi Pandey	Dr. Santosh Kumar Singh	Core Build Up materials	Time dependant comparative evaluation of the efficacy of K-File , canal brush technique and sonic irrigation technique in the retrievability of calcium hydroxide medicament from root canal – an invitro CBCT analysis
8.	2021-2022	Dr Rashi Motwani	Dr. Anu Narang	Esthetic rehabilitation	Effect of fibre reinforce composite, polyethylene fiber ribbon and ceramic insert with composite on fracture resistance of bulk restored tooth with mesio-occlusal cavity design- An In vitro study
9.	2021-2022	Dr Muskan Sitlani	Dr Pankaj Mishra	Bio nano material	Comparative evaluation of apical extrusion of debris using hand file system , rotary file system and reciprocating file system- an in vitro stusdy
10.	2022-2023	Dr Avneel Neema	Dr. Santosh Kumar Singh	Guided endodontics	Influence of different thickness of light cure MTA , biodentine and light cure GIC on sealing ability of root end filling material- An Invitro study
11.	2022-2023	Dr Sajal Chaudhary	Dr Pankaj Mishra	CBCT in endodontics	Reinforcing the cervical dentin with

12.	2022-2023	Dr Savarna Goswami	Dr Anu Narang	Graphene oxide uses in dentistry	bonded material to improve the fracture resistance of endodontically treated tooth – An invitro study The comparative evaluation of influence of different irrigants activation methods on bacterial elimination from infected root canal of endodontically treated tooth – an invitro study
13.	2023-24	Dr. Shriya Mitna	Dr. Santosh Kumar Singh	Envisioning tomorrow endodontics exploring digital application and AI	The Effects of Zinc Oxide Eugenol, Calcium Hydroxide, Bioactive glass based, Resin based and Bio-ceramic –based Root Canal Sealers on Postoperative Pain: A Randomized Clinical Trial
14.	2023-2024	Dr. Shivani Rawat	Dr. Anu Narang	Smart material in endodontics	To evaluate and compare the microleakage of zinc oxide eugenol based, resin based, calcium hydroxide based, bioceramic based and bioactive glass based sealer using stereomicroscope- an invitro study
15.	2023-2024	Dr. Ayushi Upadhaya	Dr Pankaj Mishra	Non surgical endodontic treatment	Effect of heat generated by thermoplasticized gutta percha technique on bond strength of zinc oxide eugenol sealer, bioactive glass sealer and bioceramic sealer to dentin - An Invitro study

