

DEPARTMENT ACHIEVEMENTS

1. Department had conducted a Lecture on the topic “ Endodontic Advancement- Game Changing Technologies” on 21st march 2017 by Dr. Monica Juneja
2. Department had conducted a Lecture on the topic “Twisted and K3 rotary file system” on January 2015 by Dr. Agam Bhatnagar.
3. Department had conducted a CDE on the topic Diastema Closure and Veneering on 3rd Sep 2011 by Dr. Kuber Sood
4. Department had conducted a CDE on the topic A Predictable Approach to Direct Aesthetic Restorations on 8th Nov 2011 by Dr. Shriju Joshi.
5. Department had conducted a CDE on the topic Mismanagement to Complete Management of the Apical 3rd on 6th Dec 2010 by Dr. Beena Rani Goel
6. Department had conducted a CDE and Hands On workshop on the topic Oral Laser Applications on 18th September 2006 by Dr. Naresh Thukral
7. Department had conducted a CDE on the topic Composites – A clinicians perspective.on 2nd August 2006 by Dr. Madhav Murthy,
8. Department had conducted a CDE on the topic Rotary Endodontics on 27th March 2006 by Dr.Manjinder.S.Lalh.

DEPARTMENT RESEARCH WORK

2018-2021

1. **Dr. Fazala Adeel-** To evaluate and compare effect of different composites on cuspal deflection of teeth when restored with bulk fill and incremental techniques- an in vitro study
2. **Dr. Masarat-** Comparative evaluation of surface tension and antibacterial efficacy of three root canal irrigants- an in vitro study
3. **Dr. Saloni-** Effect of staining solutions on the color stability of different composites- a spectrophotometric analysis
4. **Dr. Tanmoy Dey-**Effectiveness of gic, portland cement & biodentine as cervical barriers in minimizing leakage of bleaching agents in non vital bleaching techniques- an in vitro study
5. **Dr. Upasana Bhandari-** Comparative evaluation of fracture resistance of teeth restored with different overlays- an in vitro study

2017-2020

1. **Dr. Abhijith P. Ajith-** To Evaluate And Compare The Effect Of Three Different Light Curing Protocols On The Microleakage Of Class V Composite Restorations: An In-Vitro Study
2. **Dr. Abhik Mukherjee-** B Comparative evaluation of three different retreatment file system in removal of gutta percha from root canal space with or without solvent – an invitro study
3. **Dr. Harshitha S.K. Sharma-** Effect of glide path and apical preparation size on the incidence of apical cracks using four different root canal preparation systems: A stereomicroscopic study.
4. **Dr. Rashmi Ranjan-** Comparative evaluation of antimicrobial efficacy of green tea polyphenols, curcumin, sodium hypochlorite and chlorhexidine against *E. faecalis*. An In – Vitro study
5. **Dr. Vishak Vijayan-** Efficacy Of Different Techniques In Removal Of Calcium Hydroxide Medicament From Root Canal Space: An In-Vitro Study

2016-2019

1. **Dr. Sarmishtha Boruah-**comparison of apical extrusion of sodium hypochlorite under the influence of gravity using different root canal irrigant activation systems: an invitro study.
2. **Dr. Nidhin Narayan-** to evaluate and compare the efficiency of different root canal irrigation systems in removal of smear layer at the apical third of root canal: an in- vitro study.
3. **Dr. Md. Nabeel Siddiqui-** CBCT evaluation of root canal transportation, centering ratio, remaining dentin thickness associated with and without glide path preparation - an in vitro study.

2015-2018

1. **Dr. Sifat Fatima-** Comparative evaluation of apical sealing ability of four root canal sealers- an in-vitro study.
2. **Dr. Garima Tyagi-** Comparative evaluation of shear punch strength of different composite resins under the influence of various dietary solvents- an in-vitro study.

2014- 2017

1. **Dr. Gargee Rawat -** Effect of application of different cavity disinfecting agents on the micro-shear bond strength of a self – etch adhesive system: an invitro study.
2. **Dr. Chinmay Sharma-** An in-vitro comparison of sealer penetration using different sealer placement techniques
3. **Dr. Sadaf Chouhan-** Comparative evaluation of apically extruded debris and apical transportation using reciprocating and continuous rotation single file systems – an invitro study

2013 - 2016

1. **Dr. Akash nr dutta Barua** - Comparative evaluation between diagnosis of periapical lesion by using 2d and 3d imaging systems-an in vivo study
2. **Dr. Charul Aggarwal** - Comparative evaluation of dentinal defects after root canal preparation with different reciprocating and rotary instrumentation system: an in vitro study
3. **Dr. Neha Kapoor** - Quantification of apically extruded debris by using single file and multiple rotary and reciprocating system-an in vitro study

2011- 2014

1. **Dr. Anju Dangi** - An in vitro evaluation of resin-dentin interface in composite restorations lined with self adhesive resin cement:an sem study
2. **Dr. Neetu Bansal** - An in vitro evaluation of fracture resistance of teeth obturated with different obturating materials
3. **Dr. Varun Raj Kumar** - An in vitro evaluation of the efficacy of various root canal irrigation systems in removal of smear layer generated at apical 3rd

2010 – 2013

1. **Dr. Pragya Tripathi** - Effect of immediate and delayed finishing and polishing procedures on the surface roughness of three commonly used anterior esthetic restorative materials-an in vitro study
2. **Dr. Sangeeta Yadav** - In vitro comparative evaluation of resistance to fracture of tooth roots following canal preparation by hand and rotary instruments
3. **Dr. Sonam Mahajan** - Comparison of efficacy of three different regimens in removal of gutta percha with and without gp solvents-an in vitro study

2009 – 2012

1. **Dr. Rochna Rai** - In vitro evaluation of the effect of two finishing and polishing systems on four esthetic restorative procedures
2. **Dr. Roshni Goel** - Effect of different fluoridation regimes on microhardness of bleached enamel-an in vitro study

2008 – 2011

1. **Dr. Pranav Nayyar** - Comparitive evaluaiton of sealing ability of mta with or without the use of internal matrix for perforation repair- an invitro study
2. **Dr. Pooja Sehgal** - Comparative evaluation of salivary contamination on shear bond strength of one step self adhesive systems

3. **Dr. Saurabh Arora** - Smear layer generated by three different rotary systems in curved root canals- a scanning electron microscope comparative analysis

OTHER STUDIES

1. Danger zone analysis using cone beam computed tomography before and after instrumentation with different percentage of tapering in the year 2019.
2. Comparative evaluation between diagnosis of periapical lesion using 2D & 3D imaging system: an in-vitro study, in the year 2019
3. To compare and evaluate the efficiency of different root canal irrigation systems in removal of smear layer at the apical third of root canal- an in-vitro study, in the year 2019
4. Comparative evaluation of volume of dentin removed with files of different taper using CBCT, in the year 2019
5. Efficacy of supplementary buccal infiltration and intraligamentary injections to inferior alveolar nerve blocks in mandibular molars with symptomatic irreversible pulpitis: an invitro study, in the year 2019
6. Comparative evaluation of flexural strength of four different post and core system, in the year 2019.
7. Comparison of Microleakage in Class V Cavity Restored with Active Bioactive Restorative Material, Light Cure GIC And Cention N.” in the year 2018
8. Effect of gutta-percha cores in curved root canals prepared with protaper and protaper next files correlated with tugback sensation in the year 2015.
9. Comparative evaluation of working length alteration in curved canals after coronal flaring with hand files and rotary file system. An in vitro study in the year 2015.
10. Effect of taper on the cleanliness of root canal shaping with hand and rotary file system. An invitro study in the year 2015.
11. Which bond aid is the best biologic band aid in the year 2015
12. Seen v/s unseen an in vivo study in the year 2014.
13. Prevalence of two canals in lower mandibular central incisor through cbct in the year 2014
14. How To Hit A Bulls Eye in the year 2014
15. Comparative evaluation of gutta percha sealing ability at apical third using two different core based thermal obturation systems. in the year 2014
16. Changing the game -Incremental vs bulk fill in the year 2014
17. Comparative evaluation of apical sealing of cold and heat thermal obturating techniques in the year 2014
18. Revealing the concealed:mb2 through CBCT in the year 2013
19. Evaluation of apical preparation and CBCT analysis of apical sealing after preparation with different rotary systems – an in-vitro study. in the year 2012

20. “Shear Bond Strength Evaluation of Composite Bonded to GIC using Two Different Adhesives” in the year 2011
21. Assessment of retention of actual apical anatomy and canal transportation by using two rotary Ni-Ti systems – WaveOne and LightSpeed rotary files in the year 2011

POST GRADUATE PRESENTATIONS

2019

1. **Dr. Fazala Adeel, Dr. Saloni** presented a poster “The third eye: explored the unexplored” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019.
2. **Dr. Tanmoy Dey** presented a poster “Controversies In Endodontics” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019.
3. **Dr. Upasana Bhandari** presented paper on topic “Danger zone analysis using cone beam computed tomography before and after instrumentation with different percentage of tapering” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019
4. **Dr. Abhijith P Ajith** presented a paper on topic “Comparative evaluation between diagnosis of periapical lesion using 2D & 3D imaging system: an in-vitro study” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019
5. **Dr. Abhik Mukherjee** presented a paper on topic “Comparative evaluation of flexural strength of four different post and core system” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019
6. **Dr. Harshitha S.K.Sharma** presented a paper on “To compare and evaluate the efficiency of different root canal irrigation systems in removal of smear layer at the apical third of root canal- an in-vitro study” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019 , and also won the best paper for the session.
7. **Dr. Rashmi Ranjan** presented a paper on “Comparative evaluation of volume of dentin removed with files of different taper using CBCT.” At 20th IACDE PG Convention, Chandigarh on 8-10 march 2019 .
8. **Dr. Vishak Vijayan** presented a paper on “Efficacy of supplementary buccal infiltration and intraligamentary injections to inferior alveolar nerve blocks in mandibular molars with symptomatic irreversible pulpitis: an invitro study” at 20th IACDE PG Convention, Chandigarh on 8-10 march 2019.

2018

1. **Dr. Fazala Adeel** presented a poster “ Negotiating the bends” , at 1st iacde zonal conference, ITS ,Greater Noida, 20-22 september, 2018

2. **Dr. Saloni** presented a poster “ Minimizing Access Maximizing Success” , at 1st iacde zonal conference, ITS ,Greater Noida, 20-22 september, 2018
3. **Dr. Masarat** presented a poster “Digital Smile Designing” , at 1st iacde zonal conference, ITS ,Greater Noida, 20-22 september, 2018
4. **Dr. Tanmoy Dey** presented a poster “The Future Is Here” , at 1st iacde zonal conference, ITS ,Greater Noida, 20-22 september, 2018
5. **Dr. Rashmi Ranjan** presented a poster “Computer assisted anaesthesia; anxiety free dentistry” in National Pg Convention, Gulbarga, 16-18 Feb, 2018.
6. **Dr. Nidhin Narayan** presented a paper on “Comparison of Microleakage in Class V Cavity Restored with Active Bioactive Restorative Material, Light Cure GIC And Cention N.”in National Pg Convention , Gulbarga, 16-18 Feb, 2018

2017

1. **Dr. Harshitha S.K. Sharma, Dr. Vishak Vijayan** presented a poster on “Prefabricated blood vessels: future of endodontics?” at 32nd IACDE Conference, Gandhinagar, Gujrat on 23-26 November, 2017 and also won the best poster of the session.
2. **Dr. Abhik Mukherjee, Dr. Abhijith P Ajith** presented a poster on “Optical illusion” at 32nd IACDE Conference, Gandhinagar, Gujrat on 23-26 November, 2017

2016

1. **Dr. Md. Nabeel Siddiqui** presented a poster on “Recent advancements in caries diagnosis system” in 31st IACDE & 24TH IES National Conference, 9-13th 2016, Kolkata.
2. **Dr. Nidhin Narayan presented a poster** “Photon Induced Photoacoustic Streaming (PIPS)”in 31st IACDE & 24TH IES National Conference, 9-13th 2016, Kolkata.

2015

1. **Dr. Neha Kapoor** presented paper on topic “Which bond-aid is best biologic band aid” at 30th IACDE and 23rd IES National Conference, Amritsar on 27-29 November 2015.
2. **Dr. Gargee Rawat** presented paper on topic “Fitness of gutta-percha cones in curved root canals prepared with protaper and protaper- next files correlated with tug back sensation” at 30th IACDE and 23rd IES National Conference, Amritsar on 27-29 November 2015.
3. **Dr. Sadaf Chauhan** presented poster on topic “Biomemetic remineralization” at 30th IACDE and 23rd IES National Conference, Amritsar on 27-29 November 2015.
4. **Dr. Chinmay Sharma** presented paper on topic “Golden proportion” at IAACD, Goa, on 28-30th August 2015

5. **Dr. Sadaf Chauhan** presented paper on topic “Comparative evaluation of working length alteration in curved canals after coronal flaring with hand files and rotary file system” at 16th IACDE and IES PG Convention, ITS College, Ghaziabad on 4-6 June 2015.
6. **Dr. Neha Kapoor** presented poster on topic “Golden eye revealing the hidden” at 16th IACDE and IES PG Convention, ITS college, Ghaziabad on 4-6 June 2015
7. **Dr. Charul Aggarwal** presented paper on topic “Effect of taper on the cleanliness of root canal shaping with hand and rotary file system. An invitro study” at 16th IACDE and IES PG Convention, ITS College, Ghaziabad on 4-6 June 2015.
8. **Dr. Akash Nr Dutta Barua** presented poster on topic “Barodontologia” at 16th IACDE and IES PG Convention, ITS College, Ghaziabad on 4-6 June 2015
9. **Dr. Chinmay sharma** presented paper on topic “MB2 ellusion or illusion.” at Smile India Annual Study Circle , Delhi on 3 January 2015.

2014

1. **Dr. Akash Nr Dutta Barua** presented paper on topic “How to hit a bulls eye” at 29th IACDE and 22nd IES National Conference, Jaipur on 5-7 Dec 2014
2. **Dr. Charul Aggarwal** presented paper on topic “Evaluation of gutta percha sealing ability at apical third using two different core based thermal obturation system” at 29th IACDE and 22nd IES National Conference, Jaipur on 5-7 Dec 2014
3. **Dr. Chinmay Sharma** presented poster on topic “Microsurgical endodontics an era of magnification” at 29th IACDE and 22nd IES National Conference, Jaipur on 5-7 December 2014
4. **Dr. Gargee Rawat** presented poster on topic “Endodontic innovation made life magnific” at 29th IACDE and 22nd IES National Conference, Jaipur on 5-7 December 2014
5. **Dr. Neha Kapoor** presented paper on topic “Comparison of apical sealing ability of cold and heat thermal obturation techniques” at 29th IACDE and 22nd IES National Conference, Jaipur on 5-7 Dec 2014
6. **Dr. Akash Nr Dutta Barua** presented paper on topic “Seen VS Unseen” at 15th IACDE & IES National PG Convention, Chennai on 5-8 June 2014.
7. **Dr. Charul Aggarwal** presented paper on topic “Prevalence of two canals in mandibular central incisors through cone beam computed tomography” at 15th IACDE & IES National PG Convention, Chennai on 5-8 June 2014.
8. **Dr. Neha Kapoor** presented paper on topic “Changing the game- incremental v/s bulkfill.” at FDI, New Delhi, on 11-14 September 2014
9. **Dr. Charul Aggarwal** presented poster on topic “Icon- a new frontier for micro invasion treatment” at FDI, New Delhi, on 11-14 September 2014.
10. **Dr. Chinmay Sharma** presented poster on topic “PRF a blessing in disguise for periapical surgeries” at FDI, New Delhi, on 11-14 September 2014

11. **Dr. Gargee Rawat** presented poster on topic “Mta v/s biodentine- a clinical delimma” at FDI, New Delhi, on 11-14 September 2014

2013

1. **Dr. Varun Raj Kumar** presented paper on topic “Revealing the concealed: MB2 through CBCT” at 28th IACDE and 21st IES National Conference Hyderabad, on 14-17 November, 2013.
2. **Dr. Neha Kapoor** presented poster on topic “Stem cells a window to regenerative dentistry” 28th IACDE and 21st IES National Conference Hyderabad, on 14-17 November, 2013.
3. **Dr. Charul Aggarwal** presented poster on topic “OCT technique lesser exposure and more clarity” at 28th IACDE and 21st IES National Conference Hyderabad, on 14-17 November, 2013
4. **Dr. Akash Nr Dutta Barua** presented poster on topic “Irrigation system” at 28th IACDE and 21st IES National Conference Hyderabad, on 14-17 November, 2013

2012

1. **Dr. Anju Dangi** presented paper on topic “Laser- the magic wand” at Seema dental college 6th International Dental Student Conference, Rishikesh on 3-4 November 2012.
2. **Dr. Neetu Bansal** presented paper on topic “Dentistry today: lasers in endodontics.” at Seema dental college 6th International Dental Student Conference, Rishikesh on 3-4 November 2012.
3. **Dr. Varun Raj Kumar** presented paper on topic “Single nonvital discoloured tooth” at Seema dental college 6th International Dental Student Conference, Rishikesh on 3-4 November 2012.
4. **Dr. Sonam Mahajan** presented poster on topic “V3 tooth” at 13th IACDE & IES Post Graduate Convention, Kasauli on 21-22 April 2012.
5. **Dr. Pragya Tripathi** presented paper on topic “Evaluation of apical preparation and cbct analysis of apical sealing after preparation with different rotary systems – an in-vitro study.” at 13th IACDE & IES Post Graduate Convention, Kasauli , on 21-22 April 2012
6. **Dr. Sangeeta Yadav** presented paper on topic “Assessment of retention of actual apical anatomy and canal transportation by using teo rotary ni-ti systems – waveone and lightspeed rotary files” at 13th IACDE & IES Post Graduate Convention, Kasauli , on 21-22 April 2012
7. **Dr. Neetu Bansal** presented poster on topic “Dentistry today: lasers in endodontics.” at SOLA Conference, Delhi on 21-23 September 2012.
8. **Dr. Anju Dangi** presented poster on topic “Laser in general dental practice” at SOLA Conference, Delhi on 21-23 September 2012

2011

1. **Dr. Sangeeta Yadav** presented poster on topic “Bridging the divide - diastema closure” at 12th FODI and IES Post Graduate Convention, Government Dental College And Hospital, Ahmedabad, Gujarat on 3-5 June 2011
2. **Dr. Sonam Mahajan** presented poster on topic “myth or reality???” – no pain-no gain – ‘prepless veneers’” at 12th FODI and IES Post Graduate Convention, Government Dental College And Hospital, Ahmedabad, Gujarat on 3-5 June 2011
3. **Dr. Neetu Bansal** presented poster on topic “Prepometer-better be safe than sorry” at 26th FODI and 19th IES conference, New Delhi, on 11-13 November 2011
4. **Dr. Roshni Goel** presented poster on topic “Propolis – a new beginning in endodontics” at 26th FODI and 19th IES conference, New Delhi, on 11-13 November 2011
5. **Dr. Anju Dangi** presented poster on topic “Green dentistry-good for you & earth” at 26th FODI and 19th IES conference, New Delhi, on 11-13 November 2011
6. **Dr. Varun Raj Kumar** presented poster on topic “Working width- the path less travelled” at 26th FODI and 19th IES conference, New Delhi, on 11-13 November 2011
7. **Dr. Sonam Mahajan** presented paper on topic “shear bond strength evaluation of composite bonded to gic using two different adhesives” at 26th FODI & 19th IES National Conference, Delhi on 11-13 November 2011
8. **Dr. Roshni Goel** presented paper on topic “Glass fiber non metallic posts prototype -an ideal post and core system;Clinical case report” at 12th FODI and IES post graduate convention, Government Dental College and Hospital, Ahmedabad, Gujarat on 3-5 June 2011
9. **Dr. Rochna Rai** presented paper on topic “Recent trends in endodontic practice- survey” at 26th FODI & 19th IES National conference New Delhi on 11-13 November 2011
10. **Dr. Varun Raj Kumar** presented paper on topic “Dark tooth rises” at MUMBAI on 11-12 September 2011.

2010

1. **Dr. Rochna Rai** presented paper on topic “Are we treating or transmitting infection?? ” at 11 FODI & IES Post Graduate Convention, Bangalore on 3-5 June 2010
2. **Dr. Pragya Tripathi** presented poster on topic “Recent concepts in root canal preparation. “Taking curves with ease.” at 25th F.O.D.I & 18TH I.E.S. National Conference, Chennai on 10-12 December 2010
3. **Dr Sangeeta Yadav** presented poster on topic “Recent concepts in irrigation and disinfection” at 25th F.O.D.I & 18th I.E.S. National Conference, Chennai on 10-12 December 2010

2009

1. **Dr Roshni Goel** presented poster on topic “Changing face of diagnosis of vertical root fracture” at 24th FODI & 17th IES national conference, cochin on 21-23 September 2009
2. **Dr Rochna Rai** presented poster on topic “Journey from conventional to contemporary [retrograde cavity preparation]” at 24th FODI & 17th IES National Conference, Cochin on 21-23 September 2009