

ACHIEVEMENTS

DEPARTMENT ACHIEVEMENTS

1. Department has conducted a CDE and Hands on the topic“Holistic Approach to CT with Hands-on Workshop” on 16/4/10 by **Dr.N.Eshwar**.
2. Department has conducted an IAOMR National PG convention 2016 “**Current & Future Prospects in Maxillofacial Imaging - An Era of Paradigm Shift**”held at The Leela convention centre New Delhi. On 20-21st august 2016.

DEPARTMENT RESEARCH WORK

2019-2022

1. **Dr Pooja Kalita**- Reliability of CBCT in evaluating bone density and measurements of dental implant placement site using different imaging softwares.
2. **Dr Aditi Krishna**-Relationship between articular eminence inclination, alteration of mandibular condyle in patients with TMJ disorders using CBCT
3. **DrSumit Bajaj**- Comparison of 2 imaging softwares for 3D analysis of pharyngeal airway volume in unilateral cleft lip and palate patients versus normal controls.

2018-2021

1. **DrAshish Chandra**- Morphometric evaluation and clinical significance of CanalisSinus: A CBCT Study
2. **Dr Gaurav Saxena**- A comparative study of diode laser and scalpel for biopsies of oral mucosal lesions- A clinic-histopathological prospective study

2017- 2020

1. **Dr Ankit Jain**- CBCT evaluation of Posterior Superior Alveolar Artery Measurement and its relation to maxillary sinus floor- A Retrospective study.

2016-2019

1. **Dr. PurwaGangwal** – Evaluation of locationand dimensions of mandibular lingual foramen using CBCT – a retrospective study.
2. **Dr. Prerna Jain** – Morphometric analysis of nasopalatine canal on CBCT based on 3D classification – retrospective study.

2015 - 2018

1. **Dr. AyushDhawan** - Study for assessment of gay scale value on CBCT in cortical and cancellous maxillary and mandibular bone for determination of quality of bone.

2. **Dr. PriyankMalick** - Evaluation of cortical bone thickness in maxillary and mandibular jaw using CBCT.

2014 – 2017

1. **Dr. NeedhikaChhibber**- Diagnostic accuracy of CBCT with panoramic radiography in determining the position of impacted mandibular third molar in relation to mandibular canal
2. **Dr.ShamshadBegum**- Volumetric analysis of paranasal sinuses on CBCT

2013 – 2016

1. **Dr. Zeba Siddiqui** - Efficacy and evaluation of CBCT to study the prevalence of anterior loop length of inferior alveolar nerve and to determine the position and shape of mental foramen of north Indian population.
2. **Dr.Priyadarshini** - Age estimation of indian adults by measurement of pulp/tooth volume ratio from CBCT imaging

2012-2015

1. **Dr. Nivedita**-Variability and clinical significance of calcified stylohyoid complex and its relation with serum calcium level----a panoramic Study.

2011 – 2014

1. **Dr. Sandeep Kour** - Comparison of efficacy of Lateral Cephalogram and CT in evaluating airway space.
2. **Dr. Shailly** - Masseter muscle sonographic features as indices for evaluating efficacy of TENS and ultrasonic massage pre and post treatment.

2010-2013

1. **Dr. MukulPrabhat**- Gender determination by measuring the size and volume of maxillary sinus on computed tomography.
2. **Dr. Punnet Bhatnagar**- Prevalence study of Oral Mucosal Lesions, Mucosal Variants and treatment required in adult patients reporting to IDST Dental College, Modinagar (UP) in accordance with WHO guidelines.

OTHER STUDIES

1. Age estimation using pulp cavity and hard tissue of the maxillary canine for forensic purpose in the year 2019.
2. Morphometric measurements of NPC on CBCT in the year 2018

3. Presurgical CBCT Assessment of Posterior Superior Alveolar Artery for Post Implant placement and Sinus Augmentation- A retrospective Study of North Indian Population in the year 2015.
4. Relationship of Impacted Mandibular Third Molar with Inferior Alveolar Nerve and its Radiographic Predictors- A retrospective panoramic study in the year2015.
5. Gender and Age related Correlation of Root position of Maxillary Molar with Maxillary sinus in High Resolution Small Volume CBCT- A retrospective study in the year 2015.
6. Anatomical and Morphological Characterization of Nasopalatine Canal Using Focused Small Field of view on Cone-Beam Computed Tomography in the year 2015.
7. Management of Myofascial Pain by Therapeutic Ultrasound and Transcutaneous Electric Nerve Stimulation: A Comparative Study in the year 2014.

POST GRADUATE PRESENTATIONS

2019

1. **Dr Ankit Jain-** presented paper on Accessory foramina in the maxilla at IAOMR National Conference 2019, Amritsar
2. **Dr Ashish Chandra-** presented paper on Canalissinuosis- A Case report at IAOMR National Conference 2019, Amritsar
3. **Dr Gaurav Saxena-** presented paper on Applications of LASERS in dentistry at IAOMR National Conference 2019, Amritsar
4. **DrPooja Kalita-** presented poster on Third party softwares in CBCT an adjuvant to 3 D imaging at IAOMR National Conference 2019, Amritsar
5. **Dr Aditi Krishna-** presented poster on Age estimation using Pulp cavity in maxillary canine using CBCT- A pilot study at IAOMR National Conference 2019, Amritsar

2018

1. **DrAnkit Jain-** presented paper on CBCT evaluation of PSAA at IAOMR National Conference 2018, Udaipur.

2016

1. **Dr. Shamshad Begum** – presented paper on topic ‘morphometric measurements of maxillary sinus using CBCT’ at IAOMR National PG convention 2016,New Delhi.
6. **Dr. NeedhikaChhibber-** – presented paper on topic ‘a relationship of impacted mandibular third molar with inferior alveolar canal – a panoramic retrospective study’ at IAOMR National PG convention 2016,New Delhi.
7. **Dr. AyushDhawan**presented paper on topic ‘knowledge, awareness and attitude of general dental practitioners towards Dental radiology and CBCT – a questionnaire study’ at IAOMR National PG convention 2016,New Delhi.

8. **Dr. PriyankMalick** presented paper on topic ‘incidental findings in CBCT images’ at IAOMR National PG convention 2016, New Delhi.
9. **Dr. PurwaGangwal** – presented a poster on ‘robotics in the field of dentistry – bridging the gap between static models and patient attributing to a scientific rainbow’ at IAOMR National PG convention 2016, New Delhi.
10. **Dr. PrernaJain-** presented a poster on ‘future of CBCT’ at IAOMR National PG convention 2016, New Delhi.
11. **Dr. AyushDhawan** presented poster on topic “Integarated approach to diagnosis and management” at triple O symposium 3rd march, 2016, Meerut.
12. **Dr. PriyankMalick** presented poster on topic “Integarated approach to diagnosis and management” at triple O symposium 3rd march, 2016, Meerut.

2014

1. **Dr. ZebaSiddique** presented poster on topic “A CBCT illustration of an unusual position of Keratocystic Odontogenic tumor mimicking Dentigerous cyst- a rare case report” at International Conference of Dental Specialities on 9th may, 2014, Muradnagar.
2. **Dr. ZebaSiddique** presented poster on topic “Diagnostic dilemma of inflamed KCOT- illustration on CBCT at 4th National Conference of the society of biological scientists of India on 18th November, 2014, Manglore.
3. **Dr. ZebaSiddique** presented paper on topic “Dentinogenic ghost cell tumor- a neoplasm variety of calcifying Odontogenic cyst- a rare presentation at XXVI National Conference of Indian academy of Oral Medicine and Radiology on 22nd November, 2014, Manglore.
4. **Dr. Priyadershini** presented paper on topic “Age estimation using pulp tooth volume by CBCT- A pilot study” at XXVI National Conference of Indian academy of Oral Medicine and Radiology on 22nd November, 2014, Manglore.
5. **Dr. NeedhikaChhibber** presented poster on topic “Diagnosis of NPDC (nasopalatine duct cyst) using cone-beam computed tomography” at FDI Annual world Dental Congress on 13th September 2014.
6. **Dr. ShamshadBegum** presented poster on topic “A CBCT illustration of Keratocystic Odontogenic tumor” at FDI Annual world Dental Congress on 13th September, 2014.
7. **Dr. NeedhikaChhibber** presented paper on topic “Various software of CBCT and their application” at XXVI National Conference of Indian academy of Oral Medicine and Radiology on 22nd November, 2014, Manglore.
8. **Dr. ShamshadBegum** presented paper on topic “Various software of CBCT and their application” at XXVI National Conference of Indian academy of Oral Medicine and Radiology on 22nd November, 2014, Manglore.

POST GRADUATE AWARDS & ACHIEVEMENTS

1. **Dr. PurwaGangwal**, post graduate student has won first prize in the poster presentation in IAOMR National PG convention 2016, New Delhi.

2. **Dr. Zeda Siddiqui**, post graduate student has won third prize in the essay competition in 27th National Conference of IAOMR, 2015 at Hyderabad.
3. **Dr. Zeda Siddiqui**, post graduate student has won first consolation prize in dissertation competition in 27th National Conference of IAOMR, 2015 at Hyderabad.
4. **Dr. Puneet Bhatnagar**, has won 1st prize in the scientific paper presentation at 10th National Triple "O" Symposium 2012
5. **Dr. Sapna Panjawani**, best PG student of year at Bitein Dental Award session 3, 2012 Mumbai.
6. **Dr. Mukul Prabhat**, has won 1st prize in the scientific paper presentation at 10th National Conference of Indian Association of Forensic Odontology 2012.
7. **Dr. Puneet Bhatnagar**, has won 2nd prize in the essay competition in 23rd National Conference of IAOMR 2009.

UNDER GRADUATE AWARDS & ACHIEVEMENTS

1. **Aditi Chopra**, Under graduate student has won the prize of Highest marks in Oral Medicine and Radiology 2015.
2. **Anupriya Gala** has won the first prize in Under graduate conference at Ambala 2013.
3. **Akash Gupta** has won the first prize in Under graduate conference at Ambala 2013.