

Dr Priyanka Kapoor

BDS, MDS (Orthodontics, AIIMS)

Professor & Incharge,

Dept of Orthodontics & Dentofacial Orthopedics,

Faculty of Dentistry, Jamia Millia Islamia,

New Delhi, India- 110025

Fellow, Forensic Odontology, SDM Dharward, 2018

Contact No.- 9891914997

E mail : pkapoor@jmi.ac.in, drkapoorpriya@gmail.com



Areas of Interest

Obstructive Sleep Apnea (OSA), Biological Research, Systematic reviews and meta-analysis, Cephalometrics, Forensic anthropology, Forensic facial reconstruction, Age estimation, Scientific Writing

Experience

- **Total teaching experience: more than 18 years after post-graduation**
- Presently working as **Professor at Faculty of Dentistry, Jamia Millia Islamia, New Delhi** from 2016-till date.
- Worked as Associate Professor at Faculty of Dentistry, Jamia Millia Islamia, New Delhi from 2012- 2016.
- Worked as **Assistant professor at Faculty of Dentistry, Jamia Millia Islamia, New Delhi** from 2010-2012.
- Worked as a **senior lecturer in Dept of Orthodontics in Kalka Dental College, Meerut** from 2006-2010.
- **Junior Residency at AIIMS** from July 2003- May 2006
- **House Job at PGI, Chandigarh** from Jan 2003- May 2003 in department of oral surgery, pedodontics and orthodontics

Education

MDS (Orthodontics) from All India Institute of Medical Sciences (**AIIMS**) in year 2006

BDS from Govt. Dental College and Hospital (Punjabi University ,Patiala) in year 1999 with 1st division (distinction in oral surgery, preventive dentistry and prosthodontics)

Additional degrees: Fellowship of Forensic odontology from SDM College, Dharwad, year 2018

Pursuing PhD (Orthodontics) from School of Dental Sciences, Sharda University, Since Sept 2020.

Memberships and portfolio

Life Member: Indian Orthodontic Society (LM-1537)

Life Member: Indian Society of Dental Research (ISDR) (LM1024)

Member: National Academy of Medical Sciences (NAMS)

Member: International Association of Dental Research (2015-16, 2020-21) Member ID:791586)

Executive member : Indo Pacific Association of Forensic Odontology 2020-21, 2021-22, 2022-23, 2023-24 (LM 192), IAFO (International Association of Forensic Odontology)

Editor -In-Chief: : Indo Pacific Association of Forensic Odontology 2023-24, 2024-25, 2025-26, 2026-27

IEC Chairperson: Manav Rachna Dental College, Faridabad, 2023-24

Editorial Board Member: BMC Oral Health journal (2024-25)

Awards

Patents:

1. Priyanka Kapoor, Aman Chowdhry, Vivek Aggarwal. "Orthodontic tweezer with a vertical bracket positioning guide", Design number :6330020, **Grant date: 11 Dec 2023**
2. Aman Chowdhry, Priyanka Kapoor, Vivek Aggarwal. "**Craniophore with multiple adjustment screws**", Design number: 6341670, **Grant date: 02 February 2024**

Copyrights:

1. Priyanka Kapoor, Aman Chowdhry. **DIY Systematic reviews: A MindMap. copyright of MindMapL-105610/2021,dated 20.7.21**
2. Priyanka Kapoor, Aman Chowdhry. **Kapoor and Chowdhry's Manuscript Quality Check Tool (MQCT) -105566/2021-CO/L, dated 19.5.21**

Research grants:

- **Principal investigator in 3M Unitek- IOS-RF Research Grant-2020** , Topic" Flowcytometric analysis of oral microbiome in orthodontic patients with Obstructive Sleep Apnea risk: A comparative pilot study.
- **ICMR- STS -2019: Faculty investigator in ICMR STS Proposal 2019** "Screening of Obstructive Sleep Apnea (OSA) risk in adolescent population and correlation with craniofacial and upper airway morphology". (Reference ID- 2019-05866, Submitted, published).
- **Indo Pacific Academy of Forensic odontology Scholarship 2021:** awarded on 31st July 2021.

Workshop Funding:

- Funding from **Council of Scientific and Industrial Research (CISR)**, Govt. of India for " Short term Certificate Course in Systematic Review and Meta-Analysis in Dental Research" from 4th-6th March 2024 at Faculty of Dentistry, Jamia Millia Islamia

International awards:

- Awarded **2nd prize** in poster presentation in **41st Moyer's symposium and 39th International Conference on Craniofacial Research (ICCR) at Ann Arbor, Michigan, USA in March, 2014 (Cash Prize \$350)**

National awards:

- Awarded **1st prize** in paper presentation (clinical innovation category) in 55th Indian Orthodontic Conference at Amritsar in Nov 2021
- Awarded (as co-author)**1st prize in** Orthodontic Innovation Conclave -2020", Topic "Customized Orthodontic Triage during COVID-19 Pandemic, 20th October 2020.
- Awarded **3rd Prize** in in Orthodontic Innovation Conclave -2020", Topic, "Prototype of customized mobile application for assessment of Obstructive Sleep Apnea (OSA)- Risk, 20th October 2020.
- Awarded **1st prize** in poster presentation at 4th National Forensic Odontology Continuing Dental Education Program & Forensic Workshop on 18th and 19th August, 2015 at KGMU, Lucknow

- Awarded **1st prize** in poster presentation in Indian Association of Cleft Lip And Palate and Craniofacial Anomalies, at Gauwahati in April 2006
- Awarded **1st prize** in paper presentation in 3rd World Edgewise Congress and 40th Indian Orthodontic Conference at Chandigarh in Nov 2005

Publications

Citations: 1101, H-index : 13, i10: 17 (on 5th January 2025)

| Author | Title of Paper | Journal, Link to the article | Volume (no.) | Pages | Year |
|--|--|--|--------------|---------|------|
| Banker A, Patel D, Bhad W, Laxmikanth SM, Kapoor P , Chowdhry A, Pillai J P | Establishing a Standard Transverse Maxillary Dimension on Study Casts Using the Intermolar-to-Intercanine Width Ratio: A Pan-India Study | Acta Stomatol Croat. 10.15644/asc58/4/2 | 58 (4) | 329-338 | 2024 |
| Kapoor P , Bablani Popli D, Siddiqui M, Negi A, Natarajan S, Chowdhry A | Evaluation of Twenty Non-Metric Dental Crown Traits in Different Types of Malocclusions in a Sample from India, New Delhi Population | Acta Stomatol Croat. doi:10.15644/asc57/4/7 | 57(4) | 364-380 | 2023 |
| Kapoor P , Balachandran R, Chowdhry A, Perinetti G, Kharbanda OP | Biomarkers in Body Fluids as Indicators of Skeletal Maturity: A Systematic Review and Meta-analysis | Rambam Maimonides Med J. 10.5041/RMMJ.10506. | 14(4):e0021 | 1-21 | 2023 |
| Chowdhry A, Kapoor P , Bhargava D, Bagga DK, Mehta A. | Comparison of Demirjian's comprehensive chart with the London atlas of tooth development in children and adolescents: a pilot study. | Forensic Sci Res doi: 10.1093/fsr/owad044 | 8(4) | 332-337 | 2023 |
| Kapoor P | Digital Era in forensics: Let's break the conventional stereotypes! | J Indo-Pacific Acad. Forens.Odontol | 12(1) | 9-10 | 2023 |
| Mansoori S, Athar M, Chowdhry A, Kapoor P | Non-metric trait "winging" in dental malocclusion: A scoping review | J Indo-Pacific Acad. Forens.Odontol | 12(1) | 26-31 | 2023 |
| Qureshi T, Kapoor P , Chowdhry A | The accuracy of artificial intelligence-based virtual assistants in responding to routinely asked questions about Forensic dentistry | J Indo-Pacific Acad. Forens.Odontol | 12(2) | 30-32 | 2023 |

| | | | | | |
|---|---|---|--------|-------------------------|------|
| Akhtar Z, Mansoori S, Kapoor P , Chowdhry A | Barcoding in Orthodontic Appliances: An Application- based Perspective in Forensic Odontology | J Indo-Pacific Acad. Forens.Odontol | 12(2) | 60-63 | 2023 |
| Uppal S, Chowdhry A, Kapoor P , DarD | Comparative Analysis of Eye Safety Knowledge and Practices among Private and Hospital Dental Practitioners in National Capital Region of India: A Cross-Sectional Study | J Datta Meghe Inst MedSci Univ | 18 | 263-70. | 2023 |
| Chowdhry A, Kapoor P , Bhargava D, Bagga DK | Mapping of journal of oral and maxillofacial pathology from 2011 to 2022: A VOSviewer-based bibliometric visualisation. | J Oral Maxillofac Pathol.;; doi: 10.4103/jomfp.jomfp_398_22 | 27(1) | 204-209 | 2023 |
| Chowdhry A, Popli DB, Sircar K, Kapoor P | Study of twenty non-metric dental crown traits using ASUDAS system in NCR (India) population | Egypt J Forensic Sci 0.1186/s41935-023-00329-2 | 13(8) | 1-12 | 2023 |
| Salvatierra-Gálvez JM, Díaz-Suyo A, Alvarado-Muñoz ER, Kapoor P , Chowdhry A, Velezmoro-Montes YW | Dental Age Estimation by Assessing the Pulp Volume of Five Teeth in a Peruvian Population Using Cone Beam Computed Tomography Image | Odovtos International Journal of Dental Sciences | 25 (3) | 118-129 | 2023 |
| Chowdhry A, Kapoor P , Dahal S, Cancer L, Fonseca G | Under the Lens: A Report on Aka S Global Dental MorphologyModules | Int. J. Morphol. | 40 (6) | 149 7- 150 3 | 2022 |
| Kapoor P , Chowdhry A, Bagga DK, Bhargava D | Biomarkers in External Apical Root Resorption: An Evidence-based Scoping Review in Biofluids | Rambam Maimonides Med J. 10.5041/RMMJ.10482. | 19(4) | e00 27 (1- 19) | 2022 |
| Mehta V, Chowdhry A, Kapoor P . | Bilateral talon cusp in permanent maxillary lateral incisors: A case report, clinico-pathological review and proposal of an integrated classification. | J Oral Maxillofac Pathol.10.4103/jomfp.jomfp_159_21 | 26(1) | 93-97 | 2022 |
| Kapoor P , Chowdhry A, Sengar P, Mehta A. | Development, testing, and feasibility of a customized mobile application for obstructive sleep apnea (OSA) risk assessment: A hospital-based pilot study | J Oral Biol Craniofac Res https://doi.org/10.1016/j.jobcr.2021.11.004 | 12(1) | 109-115 | 2022 |

| | | | | | |
|---|--|--|----------|-----------|------|
| Chowdhry A, Kapoor P. | Twitter for microblogging in oral health care, research, and academics: Road map and future directions | J Oral Maxillofac Pathol. 10.4103/jomfp.jomfp_190_21. | 25(3) | 511-514 | 2021 |
| Kapoor P, Chowdhry A, Popli D.B | Orthodontists in forensic facial approximation (FFA): current inter-disciplinary perspective | Egypt J Forensic Sci https://doi.org/10.1186/s41935-021-00255-1 | 11 | 38 (1-13) | 2021 |
| Kapoor P, Chowdhry A, Bagga DB, Bhargava D, Aishwarya S. | MicroRNAs in oral fluids (saliva and gingival crevicular fluid) as biomarkers in orthodontics: Systematic review and integrated bioinformatic analysis | Progress in Orthodontics (IF:1.822 10.1186/s40510-021-00377-1) | 22 | 31 (1-15) | 2021 |
| Virk BS, Kapoor P, Chowdhry A, et al. | Pediatric Sleep Apnea: A Multidisciplinary Diagnosis with a Multimodality Treatment | Indian J Sleep Med 10.5005/ip-journals-10069-0079 | 16(3): | 90–92 | 2021 |
| Kapoor P, Chowdhry A, Chaudhry A | Using Mind maps to understand the role of orthodontists in Forensic Odontology: An illustrative review | J Indo-Pacific Acad. Forens.Odontol | 10(1) | 25-32 | 2021 |
| Chowdhry A, Kapoor P, Kharbanda OP, Popli DB. | Saliva and COVID 19: Current Dental Perspective. | J. Oral Maxillofac. Pathol. 10.4103/jomfp.iomfp_63_21 | 25: | 18-21 | 2021 |
| Kapoor P, Chowdhry A, Kharbanda OP, Popli DB, Gautam K, Saini V | Exploring salivary diagnostics in COVID-19: a scoping review and research suggestions | BDJ Open https://doi.org/10.1038/s41405-021-00064-7 | 7 | 8 (1-10) | 2021 |
| Kapoor P, Senger P, Chowdhry A. | Prototype of customized mobile application for Obstructive Sleep Apnea (OSA)-Risk assessment in COVID-19 pandemic | J Ind Orthodontic Soc. 10.1177/0301574220982735 | 56(1) | 91-95 | 2021 |
| Ahmad L, Kapoor P, Bhaskar S, Khatter H. | Screening of Obstructive Sleep Apnea (OSA) risk in adolescent population and study of association with craniofacial and upper airway morphology. | J Oral Biol Craniofac Res. 10.1016/j.jobcr.2020.10.006 | 10(4) | 807-813 | 2020 |
| Aziz SB, Kapoor P | Customize Orthodontic Triage During COVID-19 Pandemic. | J Ind Orthod Soc. 10.1177/0301574220963495 | 54(4) | 391-393 | 2020 |

| | | | | | |
|---|--|--|-------|--------------|------|
| Chowdhry A, Kapoor P , Popli DB. | Strengthening health care research and academics during and after COVID19 pandemic- an Indian perspective | <u>J Oral Biol Craniofac Res.</u> 10.1016/j.jobcr.2020.06.015 | 10(4) | 343-346 | 2020 |
| Chowdhry A, Kapoor P , Popli DB. | Oral pathologist in development of the subject of Forensic Odontology -The road ahead | J Indo-Pacific Academy Forens.Odontol | 9(2) | 113-116 | 2020 |
| Jain V, Chowdhry A, Sircar K, Kapoor P | Application of comprehensive chart for dental age estimation (DAecc) based on demirjian method using orthopantograms: A pilot study | Forensic Sci Int Reports /10.1016/j.fsir.2019.100017 | 1 | 100-107 | 2019 |
| Sybil D , Khan I, Kapoor P , Singhal A ,Jain V | Secondary Cleft deformities: case report and review of literature | Int J Sci Rep http://dx.doi.org/10.18203/issn.2454-2156 | 5(8) | 228-231 | 2019 |
| Kapoor P , Monga N, Kharbanda OP, Kapila S, Miglani R, Moganty R. | Effect of orthodontic forces on levels of enzymes in gingival crevicular fluid (GCF): A systematic review. (IF: 0.943) | Dental Press JOrthod. 10.1590/2177-6709.24.2.40.e1-22.onl. | 24(2) | 40.e1-40.e22 | 2019 |
| Kapoor P , Chowdhry A. | Salivary signature in forensic profiling: A scoping review. | J Forensic Dent Sci 10.4103/jfo.jfds_30_18. | 10(3) | 123-127 | 2018 |
| Kapoor P , Jain V | Comprehensive Chart for Dental Age Estimation (DAecc8) based on Demirjian 8-teeth method: Simplified for operator ease. | J Forensic LegalMed (IF:0.870) 10.1016/j.jflm.2018.07.014. | 59 | 45-49 | 2018 |
| Singh C, Singal K, Kapoor P . | Age estimation using comprehensive chart for dental age estimation in Haryana population: A pilot study | J Indian Acad Oral Med Radiol 10.4103/jiaomr.jiaomr_112_18 | 30 | 281-5. | 2018 |
| Kaur A, Kharbanda OP, Kapoor P , Kalyanasundaram D | A review of biomarkers in peri-implant crevicular fluid (PMICF) | Progress in Orthodontics (IF:1.822) 10.1186/s40510-017-0195-8 | 18 | 42 | 2017 |
| Neelapu BC, Kharbanda OP, Sardana HK, Balachandran R, Sardana V, | Craniofacial and upper airway morphology in adult obstructive sleep apnea patients: a systematic review and meta-analysis of cephalometric studies | Sleep Med. Rev (IF: 10.517) 10.1016/j.smr.2016.01.007 | 31 | 79-90 | 2017 |

| | | | | | |
|---|---|---|----------|------------|------|
| Kapoor P, Gupta A, Vasamsetti S. | | | | | |
| Jain V, Kapoor P, Miglani R. | Demirjian approach of dental age estimation: Abridged for operator ease | Journal of Forensic Dental Sciences 10.4103/0975-1475.195103. | 8(3) | 177-181 | 2016 |
| Kapoor P, Ragini M. | Barcoding: A step toward simplifying orthodontic record Management. | J Ind Orthod Soc. https://doi.org/10.4103/0301-5742.175739 | 50(1): | 67-68 | 2016 |
| Kapoor P. | Photo check-why and how? | Current Science | 109 (12) | 2170-2171. | 2015 |
| Kapoor P. | Photo- editing in orthodontics: How much is too much? | Int J Orthod | 26(3); | 17-23. | 2015 |
| Kapoor P, Ragini, Kaur H | Rugoscopy: A Diagnostic Appurtenance for Malocclusion or just a Forensic Aid?-A Pilot Study | Journal of Forensic Research | 6 (2) | 1-6 | 2015 |
| Kapoor P, Miglani R. | Transverse changes in lateral and medial aspects of palatal rugae after mid palatal expansion: A pilot study | J Forensic Dent Sci 10.4103/0975-1475.150294 | 7(1) | 8-13 | 2015 |
| Negi A, Ragini, Kapoor P. | Role of two-way interactive live video demonstration on performance of post graduate dental students. Learning Technologies in education. | International Education Conference | 1 | 441-445 | 2015 |
| Kapoor P, Kharbanda OP, Monga N, Miglani R, Kapila S. | Effect of orthodontic forces on cytokine and receptor levels in gingival crevicular fluid: a systematic review | Prog Orthod. 10.1186/s40510-014-0065-6 (IF:1.822) | 15 | 65-86 | 2014 |
| Kapoor P, Kharbanda OP. | Correction of skeletal Class III in a growing male patient by reverse pull facemask: a case report. | J Indian Soc Ped Preventive Dent 10.4103/0970-4388.85841 (IF: 0.67) | 29 (3) | 273-277 | 2011 |
| Kapoor P. | Transposition of bilateral maxillary canine and first premolar | Int J Orthod Milwaukee. (IF: 0.06) | 21(4) | 33-37 | 2010 |

| | | | | | |
|--|--|---------------------------|-------|----------|------|
| Jain R, Kapoor P , Rai B, Krishan K, Anand S | Dental Record keeping: Dental Education | ian J of Dental Education | 1 | 192 1 | 2008 |
| Kapoor P , Kharbanda OP. | Levels of t- PA and PAI-2 in gingival crevicular fluid during Orthodontic tooth movement in Adults | Aust J Orthod | 21(2) | 151 | 2005 |

Researchgate link for my articles, presentations and uploads

https://www.researchgate.net/profile/Priyanka_Kapoor2?ev=hdr_xprf&_sg=98xEvXmYQHNqik9t4yTT333_I3i2kQn8II8asoL8USwgqtoaD0b66YtCbR9iB8668Mt1NMVpro0t1E3cL1d796aX

Chapters in books:

1. **Kapoor P**, Chowdhry A. Dental Age Estimation in Forensics. Forensic Odontology: A Handbook for Human Identification. Bentham Publishers 2023
2. **Kapoor P**, Chowdhry A. Anatomical Attributes of teeth. Forensic Odontology: A Handbook for Human Identification. Bentham Publishers 2023
3. **Kapoor P**, Chowdhry A. Biological Basis to tooth movement. Scientific Compendium ROAR 2023. Chennai, pp 40-52.
4. **Kapoor P**, Aziz SB. Recent Advances in Orthodontics In. Dentistry: Advances in research and future directions. (Editors: Chawla K, Goyal L) 1st ed. Nova Science Publishers (NY) 2021. pp.99-132.
5. Chowdhry A, **Kapoor P**. Organizations committed for advancements in dentistry. In. Essentials of Dental Medicine. 1st Ed. NAKLADA SLAP (Croatia) 2021. Ahead of Print.
6. Chowdhry, A.; **Kapoor P**. Cheiloscopy and Rugoscopy. In Textbook of Forensic Odonto-Stomatology by IOFOS; Brkić, H., Lessig, R., da Silva, R.H.A., Pinchi, V., Thevissen, P., Eds.; Naklada Slap: Jastrebarsko, Croatia, 2021; pp. 235–248.
7. Kharbanda OP, **Kapoor P**, Gupta A. Bonding Orthodontic Appliances. In Orthodontics: Diagnosis and management of Malocclusion and Dentofacial deformities, 3Ed. Elsevier 2019, pp 485-504.
8. Kaur H, **Kapoor P**. Guide Map for Orthodontic Anchorage. In: Insight, Asserting Orthodontic Anchorage, Ocean Publications 2019; 1-4.
9. **Kapoor P**. Age Estimation from teeth. In: Handbook on Forensic Odontology: An Indian Perspective, Century Publications 2018; 18-36.
10. **Kapoor P**. Bite Mark Analysis In: Handbook on Forensic Odontology: An Indian Perspective, Century Publications 2018; 59-72.
11. Jasuja OP, Chowdhry A, **Kapoor P**. Forensic Facial Reconstruction: Role of dentist. In: Handbook on Forensic Odontology: An Indian Perspective, Century Publications 2018; 126-134.
12. **Kapoor P**. Role of Orthodontics in Forensic Odontology. In: Handbook on Forensic Odontology: An Indian Perspective, Century Publications 2018; 144-150.
13. Singh R, **Kapoor P**. Role of DNA Technology in Forensic Odontology. In: Handbook on Forensic Odontology: An Indian Perspective, Century Publications 2018; 158-169.
14. Kharbanda OP, **Kapoor P**, Moganty RR. Peri-miniscrew biomarkers as indicators for miniscrew stability or failure. In: Kapila SD, Vig KWL, Huang GJ, eds. Anecdote, Expertise and Evidence: Applying New Knowledge to Everyday Orthodontics. Craniofacial Growth Series, Center for Human Growth and Development, The University of Michigan, Ann Arbor, MI 2017; 53:69-92.

Research

1. Co- investigator in Randomized Controlled trial **“Open versus closed surgical exposure of impacted canine teeth-a randomised controlled trial.”** Department of Orthodontics, Faculty of Dentistry Jamia Millia Islamia.
ClinicalTrials.gov Identifier: NCT01917604
2. Co investigator in RCT on **Twin Block Versus Forsus Fixed Functional Appliance in Class II Div.1 Patients.** Registered In Clinicaltrials.Gov And Published On April 2015.-ongoing

Thesis Presentation

“A comparative evaluation of levels of interleukin-1 β in GCF during canine distraction and canine retraction” submitted in November 2005

Guest Lectures & workshops

International

1. Guest Lecture **“Biofluid diagnostics in Orthodontics”** for University of Puthisastra, Cambodia, 8th November 2023. (online mode)
2. Guest lecture **“Forensic odontology: Orthodontist perspective”** for Iraq Pierre Fauchard Academy, 19th June 2023. (onlinemode)
3. Guest Lecture **“Biomarkers in orthodontics”** Dept of Orthodontics, University of Ljubljana, 6th September 2023.(offlinemode)
4. Guest lecture **“ Orthodontists in forensic odontology”** in Department of Anthropology, University of Zagreb, 11th September 2023.
5. Guest lecture **“Role of Orthodontists in Forensic odontology”** at INPAFO conference on 9-11th June 2023 in Kathmandu. (offline mode)
6. Guest lecture **“Structured research on biomarkers in oral fluids: an Interdisciplinary approach”** at 3rd Annual Conference of Dental Research in Kathmandu on 30th July 2022. (offline mode)
7. Lecture on **“Dental Age Estimation: Simplified for Forensics and research”** on international conference, SPOLFOC, 4th October, 2020. (online mode)
8. Workshop on **“Age Estimation”** on 13th INPALMS Congress from 9-13th December 2019 at Dhaka, Bangladesh.(offline mode)

National

1. **Guest Lecture** “Role of Orthodontists in Forensic Facial Approximation” at 10th INPAFO Conference, Rishikesh, 13-15 Dec 2024
2. **Workshop** “Age Estimation” at 10th INPAFO Conference, Rishikesh, 13-15 Dec 2024
3. **Workshop** “Hands on Learning in Evidence Based Research”, SGRD, Amritsar, 16th & 17th Nov 2024
4. **Workshop and podcast** “Dental Age Estimation” at Manav Rachna Dental College, Faridabad , 11th Nov 2024
5. **Guest lecture** “Orthodontic Expertise in Forensic Facial Approximation” organized by RIMS, 28th October 2024
6. **Guest lecture** “Roadmap to PG dissertation/Thesis” IOS Online PG Orientation Program, 28th & 29th October 2024
7. **Guest lecture** “Publishing Scientific literature”, Aarogyam , Santosh medical college, Ghaziabad 10th August 2024
8. **Guest Lecture** “Importance of Title/ Abstract- First Impressions”, JIOS Chronicles, 22nd August 2024
9. **Workshop** “Thesis roadblocks”, Bankey Bihari Dental College, 29th July 2024
10. **Guest Lecture** “Handling Evidence-based Manuscript Submission” JIOS Chronicles, 14th June 2024
11. **Workshop** “Forensic Facial Approximation” at AB Shetty Institute Mangalore, 22rd July 2024

12. **Workshop** “Age estimation” and “Bite Mark analysis “ in BVP, Pune on 15-16th March 2024.
13. **Workshop** “Integrative and functional approach to obstructive sleep apnea” , 6th October 2023, at NMAS, Ramaiah, Bangalore.
14. **Workshop** “Hands-on learning in evidence-based research” February 2024, 27th IOS PG Convention, Mumbai.
15. Guest Lecture on “**Meta-analysis** ‘ for Saraswati dental college, Lucknow on 11.5.23
16. Guest Lecture on “**Biologic basis to tooth movement: An evidence based update**” at ROAR2023,SRM Chennai on 1.5.23 (IOS event)
17. Conducted Pre-conference Course “ **Nuts and bolts of systematic reviews**” at 26th IOS PG convention atLucknow on 16.2.23
18. Conducted a workshop in **forensic odontology** at ESIC dental college, Delhi on 8.2.23
19. Panel discussion “ **Research Trends and Opportunities in Orthodontics**” at Orthobyte 2020, 3-6th Dec2020. (An IOS Event)
20. Guest Lecture on “**Systematic review & Meta-Analysis**”, at Ortho Orient, Kalinga Institute of DentalScience, Bhubaneswar, 9-11th September 2020.
21. Guest Lecture on “ **Plagiarism**” AMITY university, 30th April, 2020.
22. Guest Lecture on “ **Introduction to Systematic review & Meta-Analysis**”, AIIMS, New Delhi, ResearchMethodology workshop, April 2020.
23. Guest Lecture on “ Plagiarism” Innovative Pedagogical learning, March 2020.
24. Workshop on “ **Skull profiling & facial soft tissue thickness**” at Gdc, Mumbai on 18th Jan, 2019.
25. Guest faculty for Point Counterpoint on “ **Friction vs Frictionless mechanics**” at 54th IOS conference, Bhubaneswar from 22-24th November, 2019.
26. Workshop on “ **Age Estimation** “ at 17th IAFO conference at Maulana Azad Institute of Dental Sciences, Delhi on 20th September 2019.
27. Workshop on “ **Academic Integrity: Opening up a dialogue around plagiarism**” on 3rd September 2019 at Subharti Dental College, Meerut.
28. Guest lecture on “**Plagiarism in scientific writing: Practical tips to detect & control the menace**” at National PG convention, IOS held at ITS dental college, Greater Noida on 24th February, 2019.
29. **Guest lecture and workshop on “Forensic Facial Approximation** “ at Indo Pacific Academy of Forensic Odontology, Chandigarh from 15-17th February 2019.
30. **Guest lecture and Workshop on “ Forensic Age Estimation** “ at Panineeya Institute of Dental Sciences, Hyderabad on 1st & 2nd February, 2019.
31. **Guest lecture and Workshop on “Decoding Thesis for PG students**” at Manav Rachna Dental college and Hospital, Faridabad on 31st July, 2018.
32. **Guest lecture and Workshop** on “Dental age estimation (DAEcc)”at Subharti Dental College, Meerut on 28th March,2018.
33. **Guest lecture and Workshop** on “Dental age estimation (DAEcc)”at Christian Dental College, Ludhiana on 5th March, 2018.
34. **Keynote Address on** “ Overcoming language barriers amongst Forensic Science Experts- An odontologist opinion” on 10 th Feb 2018 at Dept of Anthropology, University of Delhi.
35. **Guest lecture and Workshop** on “Dental age estimation (DAEcc)”at Daswani dental college , Kota on 19th January, 2018.
36. **Guest Lecture** on “Decoding structured research on biological mediators in orthodontics “ at 52nd Indian orthodontic conference , Jaipur 17-19th November 2017.
37. **Guest Lecture** on event of World Orthodontist day on “First step towards Systematic reviews “ on 5th October, 2017 at ITS , Muradnagar.
38. Conducted a **workshop** on “Forensic Facial Approximation “ at ISDR 2017, 30th September 2017 at AIIMS , New Delhi

39. Conducted a **Guest lecture and workshop** on “Overcoming roadblocks in Thesis initiation to completion “ at Manav Rachna Dental college and Hospital, Faridabad on 25th September, 2017.
40. Conducted a **Guest lecture** on “Roadblocks in Thesis initiation to completion” as part of bicentenary celebrations at Aligarh Muslim University, Aligarh on 11th September 2017.
41. Conducted a **workshop** on Integrated Rugoscopy Chart “ at PDM dental College and Hospital, Bahadurgarh on April 12th , 2017.
42. Conducted a **workshop** on Integrated Rugoscopy Chart “ in International Conference on Forensic Odontology and fifth scientific meeting of Indo Pacific Academy of Forensic Odontology on 30th- 31st March, 2017 at Lucknow , U.P.
43. **Guest lecture** on “ Facial Soft Tissue thickness “in International Conference on Forensic Odontology and fifth scientific meeting of Indo Pacific Academy of Forensic Odontology on 30th- 31st March, 2017 at Lucknow , U.P.
44. **Webinar** on What, Why and How of systematic reviews” for IBN sina national College Jeddah, on November 24th , 2016.
45. **Workshop** on “Integrated Rugoscopy Chart” at Subharti dental College and Hospital, Meerut on 17th November , 2016.
46. Guest lecture “Methodological structuring of Evidence: present loopholes to future goals” 50th IOC, Hyderabad from 11-13th Dec, 2015.
47. “Guest lecture Evidence Based Dentistry; Structured research for better healthcare interventions” at 28th Indian Society for Dental Research Conference at I.T.S, Muradnagar from 19-22nd November 2015.
48. “Biological Mediators in orthodontic tooth movement (OTM): Cognition to perplexity...” at 26th Annual conference of Indian Society of Dental Research in New Delhi from 3rd-6th October, 2013.
49. “Etiology of Class III malocclusion” at UP chapter of Indian Pedodontic society in September 2012, Lucknow

Poster and Paper Presentation

International:

1. Paper presentation on “Association of non-metric dental traits using ASUDAS system in malocclusions: An aid to craniofacial identification” At IOFOS conference , Dubrovnik, Croatia, 6th -9th September 2023.
2. Paper presentation on “[Translation of structured research on biological mediators in tooth movement](#)” in International Association of Dental research conference at Seoul South Korea, June 22-25, 2016.
3. Poster Presentation titled “Levels of IL-1 β in GCF during and after distraction of maxillary canine” at 41st Moyer’s symposium and 39th International Conference on Craniofacial Research (ICCR) at Ann Arbor, Michigan, USA in March, 2014
4. Paper Presentation titled “IL-1 β in canine distraction” in IOS midyear Convention in Bangkok, April 2009

National:

1. Paper presentation “Exploring the role of miRNA200a in mandibular condylar cartilage growth following functional appliance therapy: A pilot study” 58th IOC conference, Bangalore, 21st September 2024.
2. Paper presentation at 56th IOC conference, Pune 16-18th September 2022, topic “Oral microbiome in orthodontic patients with obstructive sleep apnea (OSA)-risk using flowcytometry”
3. Paper presentation on “Exploring the role of microRNA-200a during condylar repositioning using functional appliance therapy in growing children: A pilot study” at 2nd National Seminar on Applied Research, Sharda University, 28 -30 December 2022.

4. Poster presentation at 'National Association of Medical Sciences (NAMS) National Conference - NAMSCON-2021', held on 27 & 28 November, 2021 at Varanasi, India.
5. Poster Presentation at 1st International and 16th National IAFO Conference to be held in Goa from the 28th to 30th September 2018.
6. Poster presentation at 4th National Forensic Odontology Continuing Dental Education Program & Forensic Workshop on “Redefining confines of Photo-editing of dental records” on 18th and 19th August, 2015 at KGMU, Lucknow.
7. Oral Presentation ‘Effectiveness of video based presentation (VBT) versus conventional hands on demonstration (HPD) for dentistry teaching module” in International Education Conference 2015 at Jamia Millia Islamia.
8. Poster Presentation titled “Mesenchymal Stem Cell (MSC) tissue engineering: A novel prototype for bone regeneration in cleft patients” at 48th IOC from 26th- 28th Nov, at Ahmadabad, 2013.
9. Paper Presentation titled “Adult orthodontics and its scope” in 104 Orientation programme in 2013 at Jamia Millia Islamia, New Delhi.
10. Poster presentation “Salivary Proteomics: An aid in identifying Biomarkers for
11. malocclusion or just a forensic aid?” at 8th Asia Pacific Orthodontic Conference and 47th Indian Orthodontic Conference held in New Delhi from 29 Nov to 2 December 2012.
12. Paper Presentation titled “ Transverse changes in lateral and medial aspects of palatal rugae after mid palatal expansion” in National Conference of Indian Association of Forensic Odontology “Molecular Insights into Forensic Odontology” at ITS , Muradnagar from 7-8 September 2012
13. Paper Presentation titled “Child abuse” in refresher course on Human Rights in 2012 at Jamia Millia Islamia, New Delhi.
14. Poster presentation in Indian Association of Cleft Lip And Palate and Craniofacial Anomalies, held in April, 2006 at Gauwahati, India Paper presentation titled “A comparative evaluation of levels of interleukin-1 β in GCF during canine distraction and canine retraction” in 3rd World Edgewise Congress and 40th Indian Orthodontic Conference at Chandigarh in Nov , 2005
15. Poster presentation on Molar distalisation at FDI Annual World Dental Congress, New Delhi, India in Sep 2005
16. Paper presentation on “Levels of Interleukin 1 β in GCF during canine retraction and distraction” at 39th Indian Orthodontic Conference at Davangere from Nov 11-13, 2004

Courses and Trainings attended

- “A to Z of alveolar molding “at AIIMS, New Delhi, 1st-2nd April 2023.
- Online Workshop on –“Airway Management in OSA”, an IOS Presidential Calendar Event, 20th January 2021
- Webinar on “ Errors and Power in Biostatistics” organized by ZA Dental College & Hospital, Aligarh on 6th January 2020.
- Workshop on “Clinical and Biological Research in Orthodontics” from April 22-24 , 2018.
- Contact module of Fellowship of Forensic odontology from 4th -9th December 2017
- Six-day training programme for doctors organized by UGC- HRDC, Jamia Millia Islamia from 6-13 Nov, 2017.
- **Central Forensic Laboratory, Chandigarh** , Training in superimposition of human skull and ante

mortem photograph as well as Facial reconstruction from 19-23rd June, 2017.

- **Training at Dept of Anatomy**, PGI Chandigarh on 20-21st June 2017 on Facial Superimposition and approximation.
- One week professional development Programme for Teachers organized by UGC- HRDC at Jamia Millia Islamia from 15th Feb- 22nd Feb, 2017.
- Workshop on "**Biostatistical Analysis and design of medical studies**" from March 16-19,2015 at ICPO, Noida
- Workshop on "**Protocol development & Research Paper writing**" from March 23-26, 2015 at ICPO, Noida.
- 104 Orientation programme organized by UGC- AHC from 9th April- 8th May 2013 at Jamia Millia Islamia, New Delhi
- Refresher course on "Human Rights and Social Inclusion" organized by UGC- AHC from 24th August -13th September 2012 at Jamia Millia Islamia, New Delhi.

Members of Committees

Chairperson (External), Manav Rachna Ethical Committee (2023-24, 2024-25)

Internal Research review Committee, Faculty of Dentistry

Library Committee, Faculty of Dentistry

NAAC Committee, Faculty of Dentistry

EC member, Indo-Pacific Academy of Forensic Odontology (2019-20, 2020-21)

Conferences Organized

1. Organizing Chairperson, 4th I.O.S Innovation Conclave and Crafting Research symposium, 8-9 August 2024
2. Convener "Guest lecture by David TW Wong on Saliva Diagnostics: Salivaomics, Saliva Exosomics and Saliva Liquid Biopsy" on 18th April 2024
3. Convener "Short term Certificate Course in Systematic Review and Meta-Analysis in Dental Research (CISR-2024)" from 4th-6th March 2024 at Faculty of Dentistry, Jamia Millia Islamia
4. Scientific Convener "One -week short term Certificate Course in Forensic Odontology (CIFO-2023) from 20-24 November, at Faculty of Dentistry, Jamia Millia Islamia
5. Organising Chairperson "Art and Science of crafting standout orthodontic research" on 3rd -4th December 2022 at FTK-CIT, Jamia Millia Islamia
6. Organising chairperson "Orthodontic gurukul lecture series, Lecture 3 by Dr Sridhar Kannan, 31st October 2022 at Faculty of Dentistry, Jamia Millia Islamia
7. Scientific Chairperson "International Forensic Odontology e-Poster competition 2020", 27th December 2020.
8. Organizing secretary "International OSA conclave", 25th November 2020.
9. Scientific Chairperson at "North Zone Orthodontic PG Convention" held in Jamia Millia Islamia from 27th -29th September, 2019.
10. Organizing Co- secretary at 8th Insight into Orthodontic post Graduate Examination -2018 at Ansari Auditorium, Jamia Millia Islamia on 25th January, 2019.
11. Organizing Chairperson, 7th Insight into Orthodontic post Graduate Examination -2017 at Ansari Auditorium, Jamia Millia Islamia on 25th March, 2018.

12. Scientific Convener, 6th Insight into Orthodontic post Graduate Examination -2017 at Ansari Auditorium on 29th January, 2017.
13. Scientific Co - convener International Conference on Forensic Odontology and fifth scientific meeting of Indo Pacific Academy of Forensic Odontology on 30th- 31st March, 2017 at Lucknow , U.P.
14. Organising secretary in “5th Insight into orthodontic post graduate examination” on 31st Jan 2016 at Jamia Millia Islamia, New Delhi
15. Organising secretary in “4th Insight into orthodontic post graduate examination” on 11th Feb. 2015 at Jamia Millia Islamia, New Delhi.
16. Organizing member in “Insight into Orthodontic post graduate examination” in February 2014 held at Jamia Millia Islamia, New Delhi.
17. Organizing member in “Insight into Orthodontic post graduate examination” in February 2013 held at Jamia Millia Islamia, New Delhi.
18. Organizing co-chairman for “Promise of Stem cells- Applications and future” in January,2013 held at Jamia Millia Islamia, New Delhi.
19. Organizing member for 8th Asia Pacific Orthodontic Conference and 47th Indian Orthodontic Conference held in New Delhi from 29 Nov to 2 December 2012..
20. Organizing member in “Insight into Orthodontic post graduate examination” in March 2012 held at Jamia Millia Islamia, New Delhi.
21. Organizing member in workshop on Orthognathic surgery held in Kalka Dental college in September, 2009.

Paper Setting

1. Paper setting for 1st Prof BDS, AMU Aligarh for year 2016-17, 2022-23
2. In National Board of Examinations is an organization of the Ministry of Health & Family Welfare, Government of India Ref No: NBE/DNBEXAM/QB/DENTAL/NOV/2013/084 for **ORTHOPEDECS AND DENTOFACIAL ORTHOPEDICS**
3. Internal Examiner for Faculty of Dentistry , Jamia Millia Islamia for year 2015-2016

Expert for selection

Expert in Bihar Public Service Commission in February 2018

External Examiner Orthodontics

- RUGS, Jaipur, December 2024
- HS Judge college, Chandigarh on 2-3 august, 2024
- Sharda Dental College, 2024
- AMU dental college, Aligarh, 2023
- PDM dental college, 2023
- HS Judge college, Chandigarh on 9-11th November, 2020
- Dera bassi, Baba Farid University on 4th Dec, 2019.
- Rayat Barah College, Mohali, Baba Farid University, 2019, 2016-17
- Kalka Dental College, Chaudhry Charan Singh University, Meerut,2018, 2017.
- GDC Patiala, Baba Farid University, 11-12th June, 2018
- CMC Ludhiana, Baba Farid University 9th June, 2018
- HS Judge college, Chandigarh on 7-8th June, 2018

- Manav Rachna Dental College, Faridabad for year 2016-17.
- ESI Dental College, New Delhi year 2016-17
- AMU , Aligarh year 2016-17
- PDM dental College, Bahadurgarh , year 2016-17
- ITS Dental College, Muradnagar, Chaudhry Charan Singh University year 2016-17

Editor/Reviewer

Chief Editor: Indo-Pacific Academy of Forensic Odontology (2022-24, 2024-26)

Editorial Board Member: BMC Oral Health journal

Reviewer: Seminars in Orthodontics

BMC Oral Health

Cleft palate and craniofacial journal

Progress in orthodontics. Editor Ravindra Nanda

Journal of Dental Research

European journal of orthodontics

European Journal of Orthodontics

Journal of orthodontics and Craniofacial research

Sleep Research

Spectrum journals

Continuing Orthodontic Education

1. **“A to Z of alveolar molding “ at AIIMS, New Delhi, 1st-2nd April 2023.**
2. **“ Cleft Orthodontics: A Road less travelled” by Indian Orthodontic Society, 31st January, 2021**
3. **“Overview of Research Methodology and Scientific Writing “at Sudha Rastogi college of Dental Sciences and Research, Faridabad on 17th Oct, 2017.**
4. Anchor the Anchorage “ at Bankey Bihari Dental College and research, Ghaziabad on 20th March, 2017.
5. “Torque- 2016” at Manav Rachna Dental College, Faridabad on 23rd September, 2016.
6. “Class II molar Correction. TADS. Understanding STb” at Inderprastha Dental College and hospital on 27th july,2016.
7. Aesthetics and Efficiency” at Jamia Millia islmia on 27th April, 2016.
8. CDE and Workshop on Forensic Odontology from Evidence to Conclusion At Jamia Millia Islamia on 7th April, 2016.

9. "h index of the authors of Indian Journals" on 8th October, 2015 at Zakir Husain Library, Jamia Millia Islamia.
10. Photography workshop " at AIIMS on 11th September 2015.
11. "Skills in Research Paper writing " in IJMS Annual Conference cum workshop on 7th July, 2013.
12. One day Lecture –Demonstration on "Clinical Photography in Dentistry" in April 2009 in Subharti Dental College, Meerut.
13. 2 days lecture program on "Applied Orthodontics" in October 2008 in Subharti Dental College, Meerut
14. Done a 3 day workshop and live demonstration on orthognathic surgery, An Oral and Maxillofacial Surgeon's and Orthodontist's joint perspective in September 2008 at Kalka Dental College, Meerut.
15. Done a workshop on Orthodontic Micro implant in july 2008 at New Delhi
16. Done a course on **Basic and Advanced Lingual Orthodontic course** by Rafi Romano in March 2007 at Mumbai, India.

Conferences attended

1. IOS PG convention 2024, Mumbai
2. Triennial Conference of Forensic Odontology, Dubrovnik, Croatia, September 2023.
3. IOS National Conference, Pune 2022
4. 54th IOS conference, Bhubaneshwar from 22-24th November, 2019
5. Indo Pacific Academy of Forensic Odontology, Chandigarh from 15-17th February 2019.
6. 52nd Indian orthodontic conference , Jaipur 17-19th November 2017.
7. ISDR "Research to Reality", 2017 at Hyatt Regency, New Delhi form 30th September- 2nd October 2017.
8. "Forensic Odontology- from evidence to conclusion" on 7th April 2016 at Jamia Millia Islamia.
9. 50th Indian Orthodontic Conference, Hyderabad from 11-13th Dec, 2015.
10. 28th Indian Society for Dental Research Conference at I.T.S, Muradnagar from 19-22nd November 2015.
11. 4th National Forensic Odontology Continuing Dental Education Program & Forensic Workshop on 18th and 19th August, 2015 at KGMU, Lucknow.
12. "Learning technologies in education "International Education Conference 2015 on 24th, 25th February, at Jamia Millia Islamia
13. 41st Moyer's symposium and 39th International Conference on Craniofacial Research (ICCR) at Ann Arbor, Michigan, USA in March, 2014Re
14. 48th Indian Orthodontic Conference held from 22nd-24th November, 2013, at Ahmedabad New Delhi.
15. 26th Annual conference of Indian Society of Dental Research in New Delhi from 3rd-6th October, 2013.
16. International disciplinary Science conference on Protein folding and Diseases held in Jamia Millia Islamia, New Delhi from 8-10 December 2012.
17. 8th Asia Pacific Orthodontic Conference and 47th Indian Orthodontic Conference held in New Delhi from 29 Nov to 2 December 2012.
18. National Conference of Indian Association of Forensic Odontology "Molecular Insights into Forensic Odontology" at ITS, Muradnagar from 7-8 September 2012
19. 44th Indian Orthodontic Conference at New Delhi in Nov 2009
20. IOS midyear Convention in Bangkok, April 2009
21. 41st Indian Orthodontic Conference at Chennai in November 2006
22. 3rd World Edgewise Congress and 40th Indian Orthodontic Conference at Chandigarh in Nov 2005
23. National Consensus Workshop ON Oral Health Promotion And Tobacco Cessation in May 2005 at AIIMS,

New Delhi

24. 39th Indian Orthodontic Conference at Bapuji Dental College and Hospital, Davangere, Karnataka in November 2004
25. FDI World Dental Congress in September 2004 at New Delhi