

Faculty achievements:

Dr. Sanjay Kumar:-

1. Reviewer Journal of IGIMS, PATNA
2. Reviewer Journal of clinical dental research (National index journal)
3. Award: In the fields of sports on occasion of "Institutes foundation day" of IGIMS, Patna. (Badminton, Athletes, Carom board, Chess etc.).
4. Member Stem cell life foundation, USA.
5. Life member National Epileptic society of India.
6. Established departmental research committee, Dept. Of Dentistry, IGIMS, Patna and Working as secretary of DRC.
7. Establishment of Orthodontic specialty was done on dated May 2016.
8. First C.D.E programmes were organized by Deptt. Of Dentistry on 7th May -2017, theme was "EVIDENCE BASED DENTAL UPDATE".
9. Attended World Implant Orthodontic and National Orthodontic conference at Goa-2016.
10. Chairperson at scientific meet at AIIMS, Patna, organized by Department of Dentistry 2015. (3-D Imaging and printing)
11. Speaker at first national meet of "Association of Radiation Oncologists of India" IGIMS, PATNA-2017= Topic ORAL CANCER.
12. Two E-posters presentation were done at "Association of Radiation Oncologists of India meet" at IGIMS, Patna on ORAL SUBMUCOSA FIBROSIS AND ON ORAL CANCER.
13. Guest speaker at first dental CDE programme was organized by Dept. Of Dentistry, IGIMS, Patna, theme "EVIDENCE –BASED DENTISTRY UPDATE".
14. Chairperson at first National conference of "Association of Radiation Oncologists of India" meet, Bihar chapter at IGIMS, Patna-2017.
15. Excel life sciences organized an workshop on research at IGIMS, Patna-2016.
16. Medical education technology organized one day orientation programme at IGIMS, Patna-2016.
17. Attended workshop on writing a research paper by Bihar Medical Council of medical registration at IGIMS, Patna -2016.
18. Attended and awarded lingual Orthodontic training completion certificate by "Indian national lingual Orthodontic society" which was held at "Center for dental education and research", AIIMS, New Delhi
19. Appointed as "East zone co-ordinator" for orthodontics by Indian lingual orthodontic society-2017.
20. Member of chairman scientific committee at Neurology Update, Patna organised by Indian Epilepsy Association and Neurology Department, IGIMS, Patna.

Dr Navin Mishra:-

1. Interviewed on DD National television programme like Healthy India and Swachh Bharat for Stem cells and Regenerative RCT.
2. Editorial board member for EC dental science (ECDE) journal an international peer-reviewed Dental journal.
3. Reviewer of Journal of Clinical and Diagnostic Research.

4. Reviewer of International Journal of Paediatric Dental Care.
5. Reviewer of International journal of Dental Science Acta scientifica (ASIJDE).
6. Chaired a scientific session at 19th scientific congress of Asia Pacific Endodontic Confederation and 18 IACDE and IES PG convention, New Delhi India.
7. First in using Wave one reciprocating hand piece for root canal treatment in endodontics at AIIMS, India.
8. Organized and delivered lecture on micro dentistry at Manav Rachna Dental College.
9. Global cancer concern India delivered lectures on tooth decay.
10. Conducted, and supervised Multispecialty Dentistry the way forward AIIMS, New Delhi
11. Conducted symposium on Advance Endodontics CDER, AIIMS, New Delhi on laser and microscope.
12. Conducted and Participated in conference of Indian society for dental research.
13. Conduced and supervised in Multispecialty Dentistry the way forward in Endodontics and Implantology at AIIMS, New Delhi.
14. Participated XII FODI, IES, post graduate convention GDCH, Ahmedabad.
15. Certificate of Excellence in Indo French Endo tour Endodontist first workshop on rotary instrumentation.
16. Certificate of Excellence by Ivoclar Vivadent composite hand on class II difficult restoration.
17. Certificate of Excellence by IDA Delhi state branch with Micro Mega France Endodontic workshop on Advance Endodontics.
18. IDA Colatene Whale dent presented lecture on tooth preparation.
19. Participated and presented on management of hypersensitivity by IDA.
20. XXVI FODI and XVII IES National conference poster presentation on tooth wear.
21. American Dental Association certificate of excellence on Dental caries, Oral Cancer and Infection Control in Endodontics.
22. Indian Dental Association speaker. Delivered lectures on endodontic apex locators, endodontics microscopes and oral cancer.
23. Presented Lecture on 'LATEST ADVANCEMENT IN MICROSCOPIC DENTISTRY' as an Invited Faculty and Speaker organized by Unicorn Dentmart Ltd., New Delhi.
24. Organized and chaired a conference in Microdentistry at Manav Rachna Dental College, Faridabad.

Md. Jawed Iqbal :-

1. Use of Transgingival Lag Screw Osteosynthesis in the Management of Alveolar Process Fracture. Craniomaxillofacial Trauma & Reconstruction.2018 Feb 15 .
2. Spindle Cell Lipoma Of Right Face-A rare Case report. International Journal of Scientific Research vol-8 (5) May-2019.
3. Multiple Orthokeratinized Odontogenic Cyst: A rare Case report International Journal of Scientific Research vol-8 (4) April-2019.
4. Adenomatoid Odontogenic Tumor- Acase report, International Journal of Scientific Research vol-8 (4) April -2019.
5. Lateral Thigh Fascia Lata as Interpositional Graft for Temporomandibular Joint Ankylosis. CIB Tech Journal of Surgery 2015 Vol. 4 (2) May-August, pp.30-33.

6. Leukoderma of maxillofacial region: A review of treatment with case report. Chronicles of dental research, September 2015; Vol 24, Issue 7, 23-25.
7. Lipoma of the buccal mucosa of the Mouth: Report of an Unusually Large Lesion. Chronicles of dental research, June 2016; Vol 25, Issue 9, 22-24.
8. Dermis fat graft as interpositional graft for temporomandibular joint Ankylosis. Chronicles of dental research, June 2015; Vol 23, Issue 6, 16-1
9. Stability of orthognathic surgery: a review of rigid fixation Chronicles of dental research, September 2016; Vol 25, Issue 9, 26-28.
10. Biomedical waste management: A Step towards a healthy future. Chronicles of dental research, June 2016; Vol 25, Issue 9, 12-14.
11. Meswak: A magic stick an effective tool for oral hygiene. Chronicles of dental research, September 2015; Vol 24, Issue 7, 13-15.
12. Probiotics and relation with oral health: A review Chronicles of dental research, September 2015; Vol 24, Issue 7, 05-07.
13. Awareness of Biomedical waste management among dental practitioners in Moradabad district, UP. journal of scientific research June 2017;6(6):11-13.

International book Published

Animal Model Evaluation of Ocimum sanctum as an Intracanal Medicament: Intra canal Medicament: Wonders of O. Sanctum Paperback – May 17, 2012 by Lambert Publication, Germany

Antibiotics in Endodontics. (In process) Elsevier.

Infectious diseases in Conservative Dentistry and Endodontics (In process) Notion press.com

Capital works, new equipment which has been added/ contributing to the development of department and procedures done

a. RVG/Endomate

b. Orthodontics and Dentofacial Orthopaedics

- Removable and fixed appliances
- Cost effective treatment available includes the latest techniques like straight wire technique, BEGGS etc.

- Future mission is to start Lingual Orthodontics in due course of time

c. Endo- regenerative RCT

Number of publications made during the year, name of journals:-

1. Sanjay Kumar, Vibha Rani, Krishna Pd. Biswas. Rapid maxillary expansion an Orthodontics solution for obstructive sleep apnoea syndrome (OSAS): A brief outlook, Sch. J. Dent. Sci. 3(1):1-3, 2016. (Review article)
2. Sanjay Kumar, Vibha Rani. Ectodermal dysplasia, dental features and its management: A rare case report, Sch. J. of Dent. Sci. Vol.3 (4), 121-123, 2016.

3. Sanjay Kumar, Tanoj Kumar, Vibha Rani. Linea Alba Buccalis a normal anatomic variation of oral cavity, not an oral cancer, awareness among patients and professionals: A case report, *SJDS*, 3(4):124-125, 2016.
4. Sanjay Kumar, Krishna Pd. Biswas, Rajesh K Singh, Dinesh Kumar, et al. The prevalence of oral cancer in patients consuming tobacco products: a Dental OPD based cross-sectional study at IGIMS, Patna, Bihar, *J of IGIMS*; Vol.02(01),04-06, 2016. (Original article)
5. Sanjay Kumar, Vibha Rani, Amit Mishra, Arshad Ahmad, Sudhir Kumar. Management of bleeding in dental extraction in haemophilic patients: A rare case report, *Sch. J. Med case Rep*, 4(5):324-325, 2016.
6. Sanjay Kumar. The management of supernumerary teeth: A rare case report "Journal of IGIMS, Vol.02 (01), 31-32, 2016.
7. Dr Sanjay Kumar, Prof. & Dr. N.R. Biswas, Prof. & Dr. Ashok Kumar, Prof. & Head Dr A. K Sharma, Patna, Dr Vibha Rani et al, Prevalence of Post-Traumatic Trigeminal neuralgia at Dental OPD in tertiary care centre, Bihar: A retrospective cross-sectional epidemiological study; *Sch. J. App. Med. Sci.*;5(2E):626-63; 2017.
8. Sanjay Kumar, A. Anwar, et al .Evidence –based Orthodontic treatment demand of the time: Series of case reports at tertiary care center, Patna; *J. of IGIMS, Patna*; Vol.03 (01); 30-33, 2017.
9. Dr. Vibha Rani, Dr Rajiva Kumar Singh, Dr. S.N Sharma, Dr Sanjay Kumar. Physiology of pain, its clinical importance in medical field and managements: Recent trends; *Sch. J. App. Med. Sci.*; 2017: 5(3f):1118-1121.(Original article).
10. Dr. Vibha Rani, Dr. Anjali Verma, Dr. S.N Sharma, Dr. Sanjay Kumar. Study of prevalence of blood groups among male and female students of Patna medical college and hospital, Patna Bihar: A retrospective cross-sectional study. Vol.-5, Issue-4 (April, 2017) *Sch. J. of Applied Medical Sciences*, 2017.(Research article)
11. Singh G, Gaur A, Madan M, Mahesh C, Aurora J.K, Gupta P. Comparative evaluation of primary and secondary closure after surgical removal of impacted mandibular third molar. *Journal and Maxillofacial Surgery*.2013
12. Singh D, Singh N, Sharma M.CBCT: Cone Beam Computed Tomography: Applications in Clinical Dentistry. *International Journal of Scientific Research*.Volume-6 | issue-8 | august – 2017, 352-355
13. Dr. Devika Singh. "Radiation Protection: A Review." *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* 16.8 (2017): 89-94.
14. Ragini Mishra, Navin Mishra, Brief epidemiological report of Influenza A (H1N1) outbreak in Bihar, 2015 *Journal of Human Virology & Retrovirology* Volume 5 Issue 6, 2017
15. Navin Mishra, Isha Narang Ex- vivo histopathology of teeth with irreversible pulpitis in contact with essential oil extract of *Ocimum Sanctum* (Tulsi) for its anti-inflammatory properties. A pilot clinical study. *International Journal of Current Research* Vol. 8, Issue, 03, pp. 28677-28680, March, 2016

16. Isha Narang, Navin Mishra. Regeneration of immature necrotic tooth using second generation platelet concentrate International Journal of Current Research Vol. 8, Issue, 03, pp. 27739-27741, March, 2016
17. Ragini Mishra, Navin Mishra, Isha Narang A Report On Epidemiological And Laboratory Investigations Of Outbreaks Of Diarrhoea In Madhubani District, Bihar: Implications For Control. International Journal of Recent Scientific Research Vol. 6, Issue, 5, pp.3834-3841, May, 2015
18. Amandeep Kaur, Naseem Shah, Ajay Logani, Navin Mishra. Biototoxicity of commonly used root canal sealers: A meta-analysis Journal of Conservative Dentistry Mar-Apr 2015 Vol 18 Issue 2
19. Navin Mishra, Isha Narang. CT Assisted Diagnosis, Management of Soft Tissue Cervicofacial Emphysema and Pneumomediastinum during Root Canal Treatment of an Upper Premolar: A Case Report. Oral Hyg Health Volume 3 • Issue 1 • 1000169
20. Isha Narang, Neelam Mittal Navin Mishra Comparative evaluation of PRF, PRP and Blood clot in revascularization of immature necrotic permanent teeth a clinical study. Contemporary Clinical Dentistry | Jan-Mar 2015 | Vol 6 | Issue 1)
21. Navin Mishra, Isha Narang Iatrogenic cervicofacial emphysema with pneumomediastinum following endodontic treatment of an upper premolar. A case report (International journal of oral hygiene and health Jan – march 2015 Volume 5 • Issue 1 • 169-172)
22. Isha Narang, Navin Mishra Single-visit endodontic management of iatrogenic supracrestal root perforation associated with dual sinus using MTA and collagen Int J Oral Health Volume 3 • Issue 2 • July-December 2013
23. Navin Mishra, Ajay Logani, Naseem Shah, Isha Narang. Preliminary Ex-vivo and an Animal Model Evaluation of Ocimum sanctum's Essential Oil Extract for its Antibacterial and Anti-Inflammatory Properties (Oral Health and Dental management - Vol. 12 - No. 3 - September, 2013)
24. Navin Mishra, Isha Narang Neelam Mittal. Platelet rich fibrin mediated revitalization of immature necrotic tooth. (Contemporary Clinical Dentistry | Jul-Sep 2013 | Vol 4 | Issue 3
25. Navin Mishra, Naseem Shah, Ajay Logani, Isha Narang. Endodontic management of patient with established chronic kidney disease undergoing haemodialysis. (Saudi Endodontic Journal, 2012;2:91-94)
26. Navin Mishra, Isha Narang, Vijay Kumar. Microendodontic management of middle mesial canal in mandibular molar. Guident 2013; 6(4):58-61.)
27. Navin Mishra, Isha Narang Bioreconstruction of root canal using dentin post (Saudi Endodontic Journal, May-Aug 2013 Vol 3 Issue 2)
28. Navin Mishra, Isha Narang. Management of immature distal root and middle mesial canal in mandibular second molar with microscope and ultrasonic duo: A Case Report. Clinical; Dentistry ,2012;6(11):31-34)
29. Navin Mishra Reattachment: A Biological Restoration (Guident 2011; 3: 45-49)

30. Navin Mishra, Isha Narang. Nonsurgical management of large periapical cyst like lesion in a haemophilic patient. A case report(Under process IEJ)
31. Navin Mishra, Isha Narang. Comparative evaluation of pulp tissue dissolving efficacy of essential oil extract of Ocimum sanctum and sodium hypochlorite.A ex-vivo study.(under process JOE)
32. Isha Narang, Navin Mishra. Essential oil extract of Ocimum Sanctum as a Direct Pulp Capping agent. An In-vivo study. (Under process JOE)
33. Isha Narang, Navin Mishra. Regeneration of immature necrotic tooth using second generation Platelet concentrate: A case report International journal of current research (accepted)
34. Navin Mishra Isha Narang, Innovative method of managing unfavourable crown root fracture. A case report (in process IJCR)
35. Navin Mishra Isha Narang Ledge management by a novel pilot hole technique through microscope- A case report. (in process JOE)
36. Navin Mishra Isha Narang. Recommendation of Antibiotics and Analgesics in Medically Complex Dental Patients ePosters (ISSN 1754-1417) 201.
37. Nimmi Singh et al. Screening of Hepatitis B Infection among Dental Doctors, Students and Dental Staff in a Private Dental College in Bihar. World Journal of Pharmaceutical Research. Vol 7, Issue 5, 2018.
38. Nimmi Singh et al. Prevalence of Oral Potentially Malignant Diseases. A Hospital Based Study in Bihar, India. International Journal of Current Medical and Pharmaceutical Research. Vol. 4, Issue, 2(B), pp.3088-3090, February, 2018
39. Nimmi Singh et al, antioxidants in oral health and diseases: Future prospects, OSR International organization of scientific research, journal of dental and medical sciences Volume10,issue3(sep-oct2013,pp36-40.
40. Nimmi Singh et al evaluation of osteoporosis in pre and post menopausal women by using panoramic radiographs , OMICS publishing group Clinical medical journal.(under publication).
41. Nimmi Singh et al Glodenher syndrome with unusual association of preaxial polydactyly dental update, an official publication of IDA Patna Branch year 1 no. 2 March 2009.
42. Nimmi Singh et al juvenile ossifying fibroma of the mandible- a case report JCRDVol2,Issue4, Nov2011.
43. Nimmi Singhet al , Crouzon Syndrome- A Case Report of Rare Genetic Disorder. Bihar Journal of Ophthalmology.
44. Devika Singh, Nimmi Singh. CBCT: Cone Beam Computed Tomography: Applications in Clinical Dentistry, International Journal of Scientific Research.
45. Devika Singh, Nimmi Singh. Radiation Protection: A Review. IOSR Journal of Dental and Medical Sciences.
46. Sharma M, Dar MS, Singh N, Singh D. Prevalence of Oral Lichen Planus (OLP) among Female Patients in Jammu population. J Adv Med Dent Scie Res 2017;5(12):89-91.

47. Mamta Sharma, Nimmi singh et al, sialolithiasis: an unusual large submandibular salivary stone journal of clinical & research in dentistry vol4, issue9, Nov2013.
48. Kamla , Nimmi singh et al Nasolabial cyst with radiographic contrast medium: A case report, Indianjournal of public health research & development An internationaljournal . Jan- June, 2011,vol.2, no.1
49. Kamala R, Nimmi singh et al, A case of mesenchymal chondrosarcoma JCD.
50. Rajarshi G, Nimmi singh et al , diabetes mellitus and oral health – an overview :journal of clinical & research in dentistry may2012,vol3,issue5vol10, issue3, sep-oct2013, pp 36-40
51. Kamala r ,Nimmi singh et al lipoma of buccal mucosa – a rarity JCDS 2012, 2(2) ,page 41-43
52. Anjali. Nimmi singh et al unicystic ameloblastoma JCRD, vol5, issue10, may2014page 88-91
53. Abheet, Nimmi Singh et. Peripheral Giant Cell Granuloma: A Case Report, JCRD
54. Sudhanshu Kumar, Nimmi Singh et al. Erythema Multiforme:A Case Report, JCRD
55. Palawi Pandey, Nimmi Singh. Management of a Pregnant Patient at Dental Clinic. JCRD.
56. Devika Singh, Nimmi Singh. Prevalence of HIV in dental OPD at a tertiary care centre; A hospital based study. International Journal of Scientific Research,vol 8 issue 6,june, 2019,page3-4.
57. Vijay Kumar, Nimmi Singh,. Conservative Surgical Managment of Sublingual Ranula ; A case Report; SciFed Dental & Oral Research Journal. 2017.1.4
58. Dr. Sonal Lohati, Nimmi Singh, Adenomatoid Odontogenic Tumour- a cade report; International journal of scientific research vol 8,issue4,april 2019,page 33-35.
59. Devika Singh,Nimmi Singh,Compliance of Dentists with Safety Standards of Dental Radiology. Journal of Indian Academy of Oral Medicine & Radiology | Volume 30 | Issue 2 | April-June 2018,page 121-125.
60. Nimmi Singh et al, oral Cancerophobia; The Most Prevalent Psychosomatic Disorders encountered in Dental OPD. November - 2019 Issue | www.worldwidejournals.com.
61. Nimmi Singh et al, Prevalence of Potentially Malignant Disorders in Dental OPD at Tertiary Care Centre. (Manuscript submitted).
62. Dr. Devika Dr. Nimmi, Prevalence of Hepatitis C in patients visiting dental OPD at a tertiary care centre; A hospital based study. IOSR Journal of Dental and Medical Sciences,vol18,issue7,ser.1,july 2019,pp 23-26.
63. Dr. Devika Dr. Nimmi at al, Barr Body in Pulp Tissue, A Key Aid in Gender Determination. International Invention of Scientific Journal. Vol 3, issue 5, may 2019,page no 558-560.
64. Devika, Dr. Nimmi et al, Dermatoglyphics pattern as a genetic marker and alteration in serum lipid profile as a screening tool in premalignant lesions and conditions and oral cancer; A review Article. EAS Journal of Dentistry and Oral Medicine. Vol1,issue2,mar-apr 2019,pg30-32.
65. Dr. Devika, Dr. Nimmi at al, Prevalence of Hepatitis B in dental OPD at a tertiary care centre; A hospital based study. International Journal of Current Medical and Pharmaceutical Research. Vol5,issue6,june2019 ,page no 4241-4243.
66. Bisphosphonate Induced Osteonecrosis Of Jaws. Publisher: Lap Lambert Academic Publishing 2019.

67. Oral Health Related Quality Of Life, What, Why, How, Future. Consequences” Publisher: Lap Lambert Academic Publishing 2017.

Research – following projects are under progress:-

1. Prevalence of post-traumatic trigeminal neuralgia at Dental OPD in tertiary care center, Bihar: A retrospective cross-sectional epidemiological study.
 - Principal investigator: Dr Sanjay Kumar; Co-authors: Prof. & Dr. N.R. Biswas, Director, IGIMS, Patna Prof. & Dr. Ashok Kumar, Head of Dept. Of Neurology, IGIMS, Patna ,Prof. & Head Dr A. K Sharma, IGIMS, Patna, Dr Vibha Rani et al(Submitted to IEC, IGIMS, Patna, approved and published in national indexed journal)
2. Efficacy of a medical treatment of post-traumatic trigeminal neuralgia, a variant of trigeminal neuralgia at in tertiary care center, Bihar: A prospective case -control study.
 - Principal Investigator: Dr Sanjay Kumar, MDS, Deptt. Of Dentistry, IGIMS, Patna; Co-authors: Dr Ashok Kumar, Deptt. Of Neurology (Prof. & Head), Proff. & Head (Dr) .HariharDikshit, Deptt. Of Pharmacology, IGIMS, Prof. & head (Dr.) A.K Sharma, Deptt. Of Dentistry, IGIMS, Patna-14 :(I.E.C, IGIMS, Patna had approved for study).
3. Study of effect on periodontal conditions in normal occlusion and in mal-occlusion in diabetes mellitus patients in Dental O.P.D at tertiary care center, Patna, Bihar.
 - Principal investigator: Dr Sanjay Kumar, MDS, Co-authors: Dr. A.K Sharma (Prof. and Head), Dentistry, and Dr. VedPrakash,DM, Deptt. Of Endocrinology, IGIMS,Patna-14. : [Approved by Departmental research committee on dated 24/06/2017,further approved by sub-Ethics committee of IGIMS on 12-07-2017 and finallyapproved by I.E.C, IGIMS, Patna on dated 14/07/2017]