

## **B I O D A T A**

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Designation : Prof ,Faculty of Dentistry,  
JSS Academy of Higher Education and Research  
Dept. of Paedodontics and Preventive Dentistry  
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Date of Birth : 10.08.1962



## **E D U C A T I O N**

Bachelor in Dental Surgery (BDS)	1984	Annamalai University, Chidambaram, India
Masters In Dental Surgery (MDS) Pedodontics & Preventive Dentistry	1989	Punjab University, Chandigarh India.
Sr. Special Trainee	1986-87	Stanley Medical College, Madras
Medico Legal Law	2004	National Law College, Bangalore
General orthodontics for Practitioners	2006-07	International Association of orthodontics
PG Diploma in Hospital Management	2007-08	SJCE, Mysore, India
Basics in Computers	1997	NIIT, Mysore, India
Nitrous oxide conscious sedation certificate	1999	PGIMER, Chandigarh, India

## **H O N O R S**

1. 1987 Bronze Medalist from the Punjab University for Masters in dental surgery in Paedodontics and Preventive Dentistry
2. 1999 Bright Smiles & Bright Futures Award from Colgate International & International Society of Pediatric Dentistry for Primary Preventive Oral Health Education Strategies for children with special needs.
3. 1998 Ramachandra Oration Award from Karnataka Indian Dental Association state branch Conference, Gulbarga
4. 2004 Star Pedodontist Award from Indian Society of Pedodontics & Preventive Dentistry .
5. 2009 IADR International Association for Dental Research /Unilever Hatton Divisional awardee
6. 2013 Fellow of International college of Dentists( ICD)
7. 2013 Fellow of Indian Society of Pedodontics and Preventive Dentistry.( ISPPD)
8. 2014 Fellow of Indian Society of Dental Research (ISDR/IADR)

## **E M P L O Y M E N T :**

Tutor :	College of Dental Surgery, Manipal, Karnataka India	6.10.1986 to 3.6.1987
Sr.Lecturer :	JSS_Dental College & Hospital, Mysore, India	8.12.1989 to 7.12.1992
Reader :	JSS_Dental College & Hospital, Mysore, India	8.12.1992 to 7.12.1997
Prof. & Head :	JSS_Dental College & Hospital, Mysore, India	8.12.1997 to 2013
Principal :	JSS_Dental College & Hospital, Mysore, India	13.09.2001 to 11.5.2015
Dean	Faculty of Dentistry, JSS University, Mysore, India	28.10.2008 to 11.5.2015
Prof	JSS Dental College and Hospital, Mysore, India	12.5.2015 to Date

## **M E M B E R S H I P I N P R O F E S S I O N A L O R G A N I Z A T I O N S**

1. Member Board of Studies , University of Mysore.1999-2001
2. Chairman – Board of Studies, University of Mysore,2001 – 2004.
3. Chairman – Board of Examination, University of Mysore,2001-2004

4. Member – Board of Studies, Sri Ramachandra Dental College, Porur, Chennai 1996-98
5. Member - Board of Studies, Annamalai University, 1998 -2000
6. University Nominee, Governing Council Member – A B Shetty Dental College, Mangalore 2004.
7. Member B Clause 1,7 Principal Group-II – Academic Council, Rajiv Gandhi University of Health Sciences, 2002-2003.
8. Special Invitee Board of Studies, Rajiv Gandhi University of Health Sciences , 2003-2004.
9. Member – Board of Studies in Dentistry (PG) - Rajiv Gandhi University of Health Sciences, 2003-04.
10. Experts nominated by the Vice-Chancellor in consultation with Syndicate – Constitution of the Faculty of Dentistry of Rajiv Gandhi University of Health Sciences, 2004-05.
11. Member, BOS, Nitte University, 2008-09
12. Chairman Board of Studies PG, JSS University, 2008-09
13. Member, Advisory Committee, JSS University , 2008-09
14. Member, Board of Studies in Research, JSS University 2008-09
15. Member/Dean, Board of Management, JSS University, 2008-09.
16. Member/Dean, Faculty of Dentistry, JSS University, 2008-09.
17. Member, Academic Council, JSS University, 2008-09
18. Member, Library Committee, JSS University, 2008-09
19. Member, Registration Sub-Committee, JSS University, 2008-09.
20. Member, JSS University Selection Committee for appointments, 2008-09
21. Advisor, Advisory Committee, JSS Ayurveda Medical College National Service Scheme, 2009-10.
22. Member, Faculty of Management Studies, JSS University , 2009-10.
23. Member, BOS in Dentistry, Annamalai University 2009 -2012
24. Member, Research Coordination Council, JSS University 2010-12.
25. Member, Center for Continuous Learning for Professional Excellence, JSS University 2010-12
26. Subject Expert for PhD Registration Committee, Rajiv Gandhi University of Health Sciences, Bangalore , 2010-11.
27. Member, Board of Studies in Management Studies, JSS University, 2010-12.
28. Chairman, Post Graduate Board of Studies in Dentistry, JSS University. 2011-13.
29. Member, Planning and Monitoring Board, JSS University 2012-2014.
30. Member, Academic Council, JSS University .2012 -2014
31. Member, Board of Management, JSS University, .2012- 2014.
32. Member, Advisory Committee, JSS University for a period of 3 years from 17.08.2012
33. Member, JSS University Selection / Promotion Committee – Cadre of Asst. Professor / Assoc Professor / Lecturer , 2012 -15
34. Member, JSS University Selection / Promotion Committee – Cadre of Professor, 2012 -2014
35. Member, Board of Studies in Management Studies, JSS University, .2013-2014
36. Member, Board of Studies in Research, JSS University, 2013-2015
37. Member, Research Coordination Council, JSS University 2014-2016

#### **MEMBERSHIP IN ACADEMIC ORGANIZATIONS**

1. Annual Member in Indian Dental Association, 1984 to 2009.
2. Life Member in Indian Dental Association , 2010.
3. Life Member in Indian Society of Pedodontics and Preventive Dentistry, 1989.
4. Member in Society of Oro-facial Genetics.
5. Member in Society of Endodontology
6. Member in International Society of Pedodontics and Preventive Dentistry.
7. Member in International Association for Dental Research
8. Member in Indian Society of Dental Research
9. Member IADR Cariology Group
10. Vice President, Indian Society of Pedodontics & Preventive Dentistry (ISPPD), 2009-10.
11. E.C.Member, Indian Dental Association, Karnataka State Branch, 2009-10
12. Member of Editorial Board of Karnataka State Dental Journal , 2010 in the subject of Pedodontics.
13. Member, Academic Board of the Indian Society of Pedodontics and Preventive Dentistry, 2009-10

14. Editorial Board Member for the Journal of Dentistry and Oral Hygiene (JDOH) 2010.
15. Editorial Board Member for the Indian Journal of Forensic Odontology, 2012.
16. Executive Committee Member, Indian Society of Pedodontics & Preventive Dentistry (ISPPD), - 2010-11.
17. President Elect, Indian Society of Pedodontics & Preventive Dentistry (ISPPD) , 2012-13.
18. Vice President (first position among the 3 Vice Presidents), Indian Dental Association, Karnataka State Branch, 2012-13
19. Member, Editorial Board of Contemporary Clinical Dentistry, 2012-13
20. President, Indian Society of Pedodontics & Preventive Dentistry (ISPPD), 2013-14
21. Member, Section Editors Board, Contemporary Clinical Dentistry

### Other Positions

JSS dental college and Hospital Institutional Internal Committee Member for ISO, IAO and NAAC Accreditation. Also Dental council of India Inspector and Undergraduate and Postgraduate and PhD Programme University examiner to the various institutions and Universities.

### Peer Reviewer for various Journals:

2009	Reviewer Journal of Oral Science, International Journal.
2010	Member of Editorial Board of Karnataka State Dental Journal.
2010	Editorial Board Member for the Journal of Dentistry and Oral Hygiene (JDOH)
2011	Peer Reviewer International Journal of Oral and Maxillofacial Pathology
2011	Peer Reviewer Quintessence International
2013	Member of International Journal of Clinical Pediatric Dentistry
2014	Section Editors Board, Contemporary Clinical Dentistry
2015	Member editorial board ,Indian journal of dental research

### Publications

<http://www.scopus.com/inward/authorDetails.url?authorID=6602657980&partnerID=MN8TOARS>

1. **Dr B Nandlal**, Dr Shobha Tandon, Dr Prabhakaran - Flouride varnish verses acidulated phosphate fluoride in school children in Manipal - Journal of Indian Dental Association. 1987;59:157-160.
2. **Dr B Nandlal**, Dr Shobha Tandon, Dr Prabhakaran - Comparison of conventional tooth brushing and digital cleaning in preschool children - J Indian Soc Pedod Prev Dent ,1987;5(1):32-36. [ISSN: 09704388] (H Index: 6)
3. **Dr B Nandlal**, Dr Amrit Tewari, Dr Ashok Utreja - Effect of timing of palatal repair on intelligibility of speech in complete cleft lip palate cases, J Indian Soc Pedod Prev Dent ,1989;7:1. [ISSN: 09704388] (H Index: 6)
4. **Dr B Nandlal**, Dr Amrit Tewari, Dr Ashok Utreja - Transverse and vertical asymmetry of bilateral craniofacial structures in repair unilateral and bilateral complete cleft lip and palate cases, J Indian Soc Pedod Prev Dent - March 1991;9(1):41-46. [ISSN: 09704388] (H Index: 6)
5. **Nandlal B**, Utreja A, Tewari A, Chari P S – Sagittal craniofacial morphology in repaired unilateral and bilateral complete cleft lip and palate cases – J Indian Soc Pedo Prev Dent, 1996;14(2):45-48. [ISSN: 09704388] (H Index: 6)
6. **Dr B Nandlal**, Dr Rajashree Shirahatti – Complex odontome in Deciduous Dentition, J Indian Soc Pedo Prev Dent - 1997;15(1):28-30. [ISSN: 09704388] (H Index: 6)
7. **Dr B Nandlal**, Dr Mangala Prabhakar - Partial bifurcation and webbed root of mandibular second premolar - An uncommon variation - J Indian Soc Pedod Prev Dent - 1998;16(1):1-8. [ISSN: 09704388] (H Index: 6)
8. **Dr B Nandlal**, Dr Amrit Tewari, Dr Ashok Utreja - Effects of variation in timing of palatal repair on articulation skills in complete lip and palate cases - A retrospective study , J Indian Soc Pedod Prev Dent - 1999;17:1-4. [ISSN: 09704388] (H Index: 6)
9. **Dr B Nandlal**, Dr Amrit Tewari, Dr Ashok Utreja - Effects of variation in timing of palatal repair on nasality in complete cleft lip palate cases - J Indian Soc Pedo Prev Dent 1999;17(4):146-149. [ISSN: 09704388] (H Index: 6)
10. **Dr B Nandlal**, Dr Prabhakar A - Management of root fracture of mandibular permanent lateral incisor in mixed dentition – a case report – J Indian Soc Pedod Prevent Dent - 1999;17(2):61-64. [ISSN: 09704388] (H Index: 6)
11. **Dr B Nandlal**, Dr Srivats Bharadwaj, Dr Sumod P Nair - Evaluation of efficacy of a herbal based mouthwash in the management of gingivitis - J Ind Soc Periodontol -1999;2(3):78-79.
12. **Dr B Nandlal**, Dr Ramesh K, Dr Srivats Bharadwaj - Clinical Evaluation of efficacy of Alum based Dentifrice in reducing the plaque accumulation and gingivitis - Journal of Indian dental association - 2000;71:13-14.
13. **Dr B Nandlal** - Supplementary primary teeth an early assessment and intervention in children - J of Indian Dent Asso - 2000;71:21-22.
14. **Nandlal**, Utreja A, Tewari A, Chari P S – Effects of variation in the timing of palatal repair on sagittal craniofacial morphology in complete cleft lip and palate children – J Indian Soc Pedo Prev Dent – 2000;18(4):153-160. [ISSN: 09704388] (H Index: 6)
15. Dr Josy Jacob, **Dr B Nandlal** - Enhancing the Bond Strength of the Wire-Composite Resin Interface of Dental Splints using different wire surface treatments – An invitro study – Endodontology - 2003;15(1): 2-7.
16. Dua R, **B Nandlal**, - A comparative evaluation of the tensile strength of soldered joint of stainless steel and cobalt chromium orthodontic wires with band material – an in vitro study - J Indian Soc Pedod Prev Dent - 2004; 22(1):13-16. [ISSN: 09704388] (H Index: 6)
17. Gandhi K, **Nandlal B** - Effect of enamel preparation on fracture resistance of composite built up of fracture involving dentin in anterior bovine teeth – An In vitro study - J Indian Soc Pedod Prev Dent - 2006;24(2):69-75. [ISSN: 09704388] (H Index: 6)

18. Khatri A, **Nandlal B**, Srilatha - Comparative evaluation of shear bond strength of conventional composite resin and nanocomposite resin to sandblasted primary anterior stainless steel crown – J Indian Soc Pedod Prev Dent - 2007;25(2):82-85. **[ISSN: 09704388] (H Index: 6)**
19. **Nandlal B**, Daneswari V - Restoring biological width in crown root fracture - a periodontal concern – J Indian Soc Pedod Prev Dent - 2007;S20-S24. **[ISSN: 09704388] (H Index: 6) Rated first in top 20 articles in relevance to traumatic crown root fracture in www.BioMedLib.com**
20. Dr Praveen, **Dr Nandlal**, Dr Srilatha – Restoration of a fractured central incisor using glass fiber-reinforced composite resin (GFRCR) - A case report – Indian Dentist Research and Review, March 2009;78-80.
21. Dr Kanika, **Dr B Nandlal** – Comparative evaluation of fluoride release from PRG composites and compomer on application of topical fluorides – An invitro study – J Indian Soc Pedod Prev Dent - March 2009;27(1):27-32. **[ISSN: 09704388] (H Index: 6)**
22. G Nagaraj, A Sukumar, **B Nandlal**, S Vellaichamy, K Thana Sekaran, A L Ramanathan – Tooth Element levels indicating Exposure profiles in Diabetic and Hypertensive subjects from Mysore, India. Bio Trace Elem Res – 2009;131:255-262. **(Impact Factor:1.013)**
23. Dr Harsimran Kaur, **Dr B Nandlal** – Autogenous Graft – an innovative approach to nursing caries! – Indian Dentist Research and Review - Jan 2010;;135-137.
24. Dr Shilpi Tiwari, **Dr B Nandlal** – Impression making in Cleft Lip and Palate Infants – Case Report – SMILE – June – August 2010;10(3):29-31.
25. Amit Khatri, **B Nandlal** – Staining of a Conventional and a Nanofilled Composite Resin Exposed in vitro to Liquid Ingested by Childrens – International Journal of Clinical Pediatric Dentistry, Sept-Decr 2010;3(3):185-190
26. Shilpi Tiwari, **Nandlal B** – Radiographic and 3D CT (VRT) scan evaluation of incisive fissure in a plastinated fetus – Annals and Essences of Dentistry – Oct – Dec. 2010;II(4):3-5.
27. Indira M D, **Nandlal B** – Comparative evaluation of the effect of cavity disinfectants on the fracture resistance of primary molars restored with indirect composite inlays: An in vitro study – Journal of Indian Society of Pedodontics and Preventive Dentistry, Oct-Dec 2010;28(4):258-263. **[ISSN: 09704388] (H Index: 6)**
28. Hariharan V S, **Nandlal B**, Srilatha K T – Efficacy of various root canal irrigants on removal of smear layer in the primary root canals after hand instrumentation: A scanning electron microscopy study – Journal of Indian Society of Pedodontics and Preventive Dentistry, Oct-Dec 2010;28(4):271-277. **[ISSN: 09704388] (H Index: 6)**
29. Hariharan V S, **Nandlal B**, Srilatha K T – Management of recurrent fracture of central incisor with internal resorption using light transmitting (luminex) post – Journal of Indian Society of Pedodontics and Preventive Dentistry, Oct-Dec 2010;28(3):288-292. **[ISSN: 09704388] (H Index: 6)**
30. Amit Khatri, **B Nandlal** – An indirect veneer technique for simple and esthetic treatment of anterior hypoplastic teeth – Contemporary Clinical Dentistry, Oct-Dec 2010;1(4):288-290. **[ISSN: 0976-237X, E-ISSN: 0976-2361]**
31. Dr Prashanth S, **Dr Nandlal B** – Indirect Posterior Composite Restoration – An extended Scope in Pediatric Dentistry – published in the official website of DENTSPLY INTERNATIONAL ( [www.dentsply-asia.com/ceram-x/pdf/india-mono.pdf](http://www.dentsply-asia.com/ceram-x/pdf/india-mono.pdf) ) 2011.
32. Dhull KS, **Nandlal B** – Effect of low-concentration daily topical fluoride application on fluoride release of Giomer and Compomer: An in vitro study – Journal of Indian Society of Pedodontics and Preventive Dentistry, Jan-Mar 2011;29(1):39-45. **[ISSN: 09704388] (H Index: 6)**
33. Sushma Srinivasa, **Bhojraj Nandlal** and Srilatha K T – A comparative evaluation of a commercially available herbal and non-herbal dentifrice on dental plaque and gingivitis in children – A residential school - based oral health programme – Journal of Dentistry and Oral Hygiene – Sept 2011;3(8):109-113. **[ISSN: 2141-2472]**
34. Praveen Kumar P S, **Nandlal Bhojraj** – Successful prevention of oral self-mutilation using a lip guard: a case report – Spec Care Dentist – 2011;31(3):114-118. **(ISSN: 0275-1879)**
35. V Daneswari, **B Nandlal** – Restorative dentistry for children using a hard tissue laser – A Review – J. Int Oral Health – June 2011;3(3):1-10. **(ISSN: 0976-7428)**
36. Kanika Singh Dhull, **B Nandlal**, Shweta Yadav, Sheeja Prabhakaran – Modified Distal Shoe Appliance for the loss of deciduous second molar: A Case Report – Quintessence International – Nov-Dec 2011;42(10):829-833. **[ISSN: 0033-6572] (Impact factor – 0.643)**
37. Dr Simran Kaur, **Dr Nandlal B** – Effect of dietary solvents on shear punch strength of nanocomposite, compomer and reinforced glass ionomer restorative materials – An In-vitro study, Journal of the Indian Society of Pedodontics and Preventive Dentistry , 2011 **[ISSN 0970-4388]H Index: 10**
38. S Shyam Sundar, **B Nandlal**, D Saikrishna, G Mallesh – Finite Element Analysis: A Maxillofacial Surgeon's Perspective - Journal of Maxillofacial and Oral Surgery - Dec 2011; **(Online)**
39. Hariharan, Nandlal B – Esthetic splint – A Novel concept for the Management of Bilateral Condylar fracture – Journal of Clinical Pediatric Dentistry – Jan 2012;37(1):19-24. **ISSN: 1053-4628, Impact factor: 0.47..**
40. Dr Seema Deshmukh, Dr Nandlal B – Evaluation of the Shear Bond Strength of Nanocomposite on Carious and Sound Deciduous Dentin – International Journal of Clinical Pediatric Dentistry – Jan-Apr 2012;5(1):25-28 **[ISSN:0974-7052]**
41. Chanchala H P, **Nandlal B** – Coexistent peg shaped mandibular central incisors along with maxillary lateral incisors – A rare case – International Journal of Oral and Maxillofacial Pathology – Jan-Mar 2012;3(1):65-68. **(ISSN: 2231-2250)**
42. S Shyam Sundar, B Nandlal, D Saikrishna, G Mallesh – Finite Element Analysis: A Maxillofacial Surgeon's Perspective - Journal of Maxillofacial and Oral Surgery – Apr-Jun 2012;11(2):206-211. **ISSN: 0972-8279**
43. B Nandlal – Preventive protocol for high risk caries group – Karnataka State Dental Journal – April-June 2012;31(2):9-15,31. **ISSN:0973-3442,**
44. Kumar S S, Nandlal B – Effects of Asthma and Inhalation corticosteroids on the dental arch morphology in children – Journal of Indian Society of Pedodontics and Preventive Dentistry – Jul-Sep 2012;30(3):242-249. **ISSN: 0970-4388, H Index: 10.**
45. Chanchala H P, Nandlal B – An Evaluation of the Short Term Effect of Calcium Hydroxide Paste verses Calcium Hydroxide Irrigation on the Root Fracture Strength of Human Permanent Mature Teeth – An In vitro study – Int J Dental Update – Jun-Dec 2012;2(2):8-16. **e ISSN: 2277-1727.**
46. Shruti S Kumar, **B Nandlal** – Evaluation of changes in the dentoalveolar morphology in children with asthma – Pediatric Dental Journal – Jul-Dec. 2012;22(2):95-102. **(ISSN: 0917-2394)**
47. S Shyam Sundar, **B Nandlal**, D Saikrishna, G Mallesh – Biomechanical and Finite Element Analysis of Mandibular Vertical Ramus Marginal Resection Designs - Journal of Maxillofacial and Oral Surgery – Sept 2012; DOI 10.1007/s12663-0423-1 – **(Online)**
48. Shilpi Tiwari, **B Nandlal**, N M Shama Sundar – Plastinated fetus: 3D CT scan (VRT) evaluation – Indian Journal of Dental Research – Sept-Oct 2012;23(5):686-688. **ISSN: 0970-9290, Impact factor:0.6651.**
49. Dr Prashanth S, Dr Seema Deshmukh, **Dr Nandlal B** – Incisal fragment reattachment A Biological Restorative Approach in Management of Crown Fractures in Immature Permanent Teeth – Mysore Dental Journal – Oct 2012;1(1):19-22. **(ISSN: 2319-5649).**
50. Tiwari S, **Nandlal B** – Comparative evaluation of fluoride release from hydroxyapatite incorporated and conventional glass ionomer cement: An in vitro study – J Indian Soc Pedod Prev Dent – Oct-Dec 2012;30(4):284-287. **ISSN: 0970-4388, H Index: 6.**



51. Tiwari S, **Nandlal B** – Effect of nano-filled surface coating agent on fluoride release from conventional glass ionomer cement: An in vitro trial – J Indian Soc Pedod Prev Dent – Apr – Jun 2013;31(2):91-95. **ISSN: 0970-4388, H Index: 6.**
52. Sunil Tejaswi K L, Suneeth Shetty, Annapoorna B M, Sudarshan C Pujari, Sarveshwar Reddy P, **B Nandlal** – A Pioneering Study of Dental Fluorosis in the Libyan Population - Journal of International Oral Health – May-June 2013;5(3):67-72 **ISSN:0976-742.**
53. M B Bhangdia, **B Nandlal**, G S Vijaykumar, P K Kulkarni, R Shanbhog – Clinical evaluation of sustained-release metronidazole gel versus metronidazole solution as an intracanal medicament in abscessed primary molars – European Academy of Paediatric Dentistry – June 2013; DOI 10.1007/s40368-013-0047-2 – (Online) – **ISSN: 1818-630.**
54. B Bhangdia Mohit, **B Nandlal**, Shanbhog Raghvendra – Surgical Intervention of Recurrent Mucocele: Two Case Reports – Indian Journal of Medicine and Healthcare – June 2013;2(6):271-274. **ISSN: 2278-294x**
55. Raghavendra Shanbhog, Brinda S Godhi, **Bhojraj Nandlal**, Shruti S Kumar, Veena Raju, Rashmi S – Clinical consequences of untreated dental caries evaluated using PUFA index in orphanage children from India - Journal of International Oral Health – Sept-Oct 2013;5(5):1-9. **ISSN: 0976-7428.**
56. Praveen Kumar P S, Kanika Singh Dhull, Srilatha K T, Indira M D, **Bhojraj Nandlal** – Fragment re-union along with apexogenesis in an immature maxillary central incisor: A case report with 5 year follow-up – Journal of Pediatric Dentistry – Sep-Dec 2013;1(3):67-72.
57. Indira M D, Kanika Singh Dhull, **Nandlal B**, Rachita Singh Dhull, Praveen Kumar P S – Luxation Injury of Primary Teeth – A Case Report – Journal of Research and Advancement in Dentistry – Sep – Dec 2013;2(3s):74-80. **ISSN: 2278-0076,**
58. Nitin V Muralidhar, **B Nandlal**, Meenakshi, Raghunath N – Ergonomic Intervention in Dentistry – Mysore Dental Journal – Oct 2013;2(1):1-5. **ISSN: 2319-5649**
59. Sunila Bukanakere Sangappa, **Nandlal Bhojraj**, Brinda Godhi, Thippeswamy Manjunathappa – Oral health care awareness among nursing students in an Indian school – an experimental study – Journal of Contemporary Medical Education – Oct – Dec 2013;1(4):266-271. **ISSN: 2146-8354.**
60. Harisimran Kaur, **B Nandlal** – Effect of dietary solvents on the strength of nanocomposite, compomer, glass ionomer cement: An in-vitro study – Journal of Conservative Dentistry – Nov-Dec 2013;16(6):527-531. **ISSN: 0972-0707**
61. Kanika Singh Dhull, Praveen Kumar P S, Srilatha K T, Indira M D, **Nandlal B** – Co-existent supplemental tooth and isolated macrodontia in non syndromic primary dentition: A rarity - International Journal of Oral & Maxillofacial Pathology – Oct – Dec 2013;4(4):46-49. **ISSN: 2231-2250**
62. Mehta R, **Nandlal B**, Prashanth S – Comparative evaluation of remineralization potential of casein phosphopeptide-amorphous calcium phosphate and casein phosphopeptide-amorphous calcium phosphate fluoride on artificial enamel white spot lesion: An in vitro light fluorescence study – Indian Journal of Dental Research – Nov-Dec 2013;24(6):681-689. **ISSN: 0970-9290, Impact factor:0.665,**
63. **Nandlal B**, Raghavendra Shanbhog, Brinda S Godhi, Sunila B S – Change in skills observed with a novel brushing technique based on sequence learning: Evaluated through video bio-feedback system in children – Oral Hygiene & Health , Nov 2013 – Feb 2014;1(3): doi: 10.4172/2332-0702.1000115 (Online) **ISSN: 2332-0672(open access).**
64. Raghavendra Shanbhog, Veena Raju, **Bhojraj Nandlal** - Correlation of oral health status of socially handicapped children with their oral health knowledge, attitude and practices from India – Journal of Natural Science, Biology and Medicine – Jan 2014;5(1):101-107. **ISSN: 0976-9668**
65. **Nandlal B**, Karthikeya Patil, Ravi S – Estimation of Dental age by Nolla's method using orthopantomographs among rural free residential school children – International Journal of Medical Research & Health Sciences – Apr – Jun 2014;3(2):273-277. **ISSN No.2319-5886**
66. Shilpi Tiwari, **B Nandlal**, Sudhakar Reddy – Pre-surgical Alveolar molding in a newborn patient with complete unilateral cleft lip and palate – A report – Journal of Clinical and Diagnostic Research - May 2014;8(5):ZD01-ZD03. **ISSN: 2249-782X, H Index: 3, Impact factor: 0.409**
67. Rahul Goyal, **B Nandlal**, Prashanth – Pain perception and procedural tolerance with computer controlled and conventional local anesthetic technique: An in vivo comparative study – Indian Journal of Pain – Sept - Dec 2014;28(3):143-147. **ISSN: 0970-5333.**
68. Pradeep S, **Nandlal B**, Ravi S, Jyothikiran H – Treatment of skeletal class II division II malocclusion using Jasper jumper – case report – Science and Technology Journal – Nov 2014;1(1):48-56
69. Raghavendra Shanbhog, Veena Raju, **Bhojraj Nandlal** - Correlation of oral health status of socially handicapped children with their oral health knowledge, attitude and practices from India – Journal of Natural Science, Biology and Medicine – Jan 2014;5(1):101-107. **ISSN: 0976-9668**
70. Bhangdia Mohit B, **Bhagyalakshmi A, B Nandlal** – Old is gold – A case report – International Journal of Applied Dental Sciences – Jan 2014;1(1):31.35. **ISSN: 2394-7489.**
71. Pradeep S, **Nandlal B**, Ravi S, Jyothikiran H – Treatment of skeletal class II division II malocclusion using Jasper jumper – case report – Science and Technology Journal – Nov 2014;1(1):48-56
72. Meenakshi S<sup>1</sup>, Raghunath N<sup>1</sup>, **Nandlal**<sup>2</sup> Nitin V Muralidhar<sup>2</sup> Work related musculoskeletal disorders among general dental practitioners of Mysore district, Karnataka – A Questionnaire survey — International Journal of Health Sciences & Research Oct 2014;4(10):131-140. **ISSN: 2249-9571, Impact factor:3.25**
73. PS Praveen Kumar, KT Srilatha, **B Nandlal**, and Kanika Singh Dhull Evaluation of the Load-bearing Capacity of Fractured Incisal Edge of Maxillary Permanent Central Incisors restored with a Glass Fiber-reinforced Nanocomposite: An in vitro Study. Int J Clin Pediatr Dent. 2015 Jan-Apr;8(1):22-9.
74. Choudhary K<sup>1</sup>, **Nandlal B**.Comparative evaluation of shear bond strength of nano-hydroxyapatite incorporated glass ionomer cement and conventional glass ionomer cement on dense synthetic hydroxyapatite disk: An in vitro study. Indian J Dent Res. 2015 Mar-Apr;26(2):170-5
75. Murthy PS<sup>1</sup>, Shivamallu AB<sup>2</sup>, Deshmukh S<sup>1</sup>, **Nandlal B**<sup>1</sup>, Thotappa SK<sup>1</sup>.Guided bone regeneration: A novel approach in the treatment of pediatric dentoalveolar trauma. Dent Res J (Isfahan). 2015 May-Jun;12(3):285-8.
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82. **Nandlal B**, **Karthikeya Patil**, **Ravi Shanthraj** – Craniofacial morphology of 8 years rural residential school children of Suttur – International Journal of Advanced Research – Oct – Dec 2015;3(10):1002-1008. [ISSN: 2320-5407](#), [International](#)
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98. Dr Karthikeya PatilDr Karthikeya PatilDr Ravi ShanthrajBhojraj NandlalBhojraj NandlalDr Ashwini B Craniofacial morphology of 10 years rural residential school children of Suttur International journal of research 244-249 November 2018
99. M.D. Indira,Bhojraj Nandlal,ID. Narayanappa A cross-sectional study on eruption timing of primary teeth in children of Mysore, Karnataka. Nov 2018 Indian journal of dental research: official publication of Indian Society for Dental Research 29(6):726-731 DOI: 10.4103/ijdr.IJDR\_221\_17.
- 99.Ravi ShanthrajRavi ShanthrajBhojraj NandlalBhojraj NandlalDr Karthikeya PatilDr Karthikeya PatilAshwini B -Craniofacialmorphology Of 9 Years Rural Residential School Children Of Suttur. July 2018International Journal of Advanced Research 6(7):491-497 DOI: 10.21474/IJAR01/7388.
100. Seema DeshmukhBhojraj NandlalBhojraj Nandlal- Lower Facial Morphometrics in Children upon the Eruption of First Permanent Molars April 2018Journal of Clinical and Diagnostic Research 12(4):ZC15-ZC20 DOI: 10.7860/JCDR/2018/35094.11431
101. Madhagudanahalli S LakshmiKudlapur, T Srilatha,Bhojraj Nandlal,Seema Deshmukh Clinical Evaluation of Preventive Effect of Fissure Sealants on Initial Carious Lesion of Permanent Mandibular Molars Pretreated with and without Fluoride Varnish by Fluorescence Camera March 2018 International Journal of Clinical Pediatric Dentistry 11(2):89-93 DOI: 10.5005/jp-journals-10005-1491
- 102.Naseemoun ShaikRaghavendra ShanbhogBhojraj Nandlal HM Tippeswamy Fluoride ingestion and thyroid function in children resident of naturally fluoridated areas - An observational study October 2019Journal of Clinical and Experimental Dentistry 11(10) e883-9 DOI: 10.4317/jced.55812
- 103.Naseemoun Shaik,Raghavendra Shanbhog,Bhojraj Nandlal, HM Tippeswamy-Fluoride and Thyroid Function in Children Resident of Naturally Fluoridated Areas Consuming Different Levels of Fluoride in Drinking Water: An Observational Study January 2019Contemporary Clinical Dentistry 10(1):24 DOI: 10.4103/ccd.ccd\_108\_18
- 104.Chanchala Bhojraj Nandlal Nagaraj Murthy Raghavendra Shanbhog -Validation of cone beam computed tomography-based classification method for individual assessment of mid-palatal suture with respect to clinical application among Indian children January 2020Indian Journal of Dental Research 31(1):85 DOI: 10.4103/ijdr.IJDR\_517\_18.

#### Book Publications

1. 8<sup>th</sup> **International** congress on cleft palate and related craniofacial anomalies, Sep 1997 Singapore. Effects of timing of palatal repair on asymmetry and speech development in complete cleft lip and palate cases - a Retrospective study, 8<sup>th</sup> **International** congress on cleft palate and related craniofacial anomalies, Sep 1997 Singapore
3. Indira M D, **Nandlal Bhojraj** - Text book titled Effect of cavity disinfectants on primary molars. ISBN 978-3-8484-4888-3. Lambert Academic Publishing Co Year 2012.
4. Shilpi Tiwari, **B Nandlal** - Text book titled Role of Synthetic Hydroxyapatite in dentistry. ISBN 978-3-659-15493-5. Lambert Academic Publishing Co, Germany, Year 2012.
5. Chanchala H P, **Nandlal B** - Text book titled An Evaluation of the Effect of Calcium Hydroxide on the Root Fracture. ISBN 978-3-659-24103-1. Lambert Academic Publishing Co, Germany, Year 2012
6. Rahul Goyal ,B Nandlal Pain and pain measurement scale LambertAcademic Publication Co Germany,2014

#### Conference paper presentations Abstract : National level: First Author

1. Fluoride Varnish Verses acidulated Phosphate fluoride in school children in Manipal, ISPPD, Mumbai,1985
2. Effect of timing of palatal repair on speech development in complete cleft lip and palate cases, ISPPD Annual Conference Cuttack, 1994,
3. Dentin Dysplasia Inerceptive Mangement A Case Report, 18<sup>th</sup> ISPPD conference, Thiruvananthapuram, 1997.
4. Craniofacial Asymmetry in relation to timing of palatal repair, National Update on Craniofacial Clefts NUCC Mumbai,1998I
5. Effect of Timing of Palatal repair on Asymmetry in complete cleft lip and palate cases, 20<sup>th</sup> National conference of the ISPPD, Mumbai, 1999
6. Effects of variation in the timing of palatal repair on craniofacial asymmetry in complete cleft lip and palate cases, 17<sup>th</sup> Congress of IAPD, London, Sept. 1999,
7. Craniofacial growth and effects of timing of palatal repair in cleft lip and palate children, 22nd ISPPD conference, Jaipur, 2001.
8. Effect of Chelioplasty on dento alveolar development in unilateral cleft lip and palate children – 3D contact type analysis first Indian documentation – International seminar on cleft palate update, Goa, 2001.
9. Reorientation to patient care management, JSS Dental College, January 2002.

#### Scientific paper presentations Abstracts: International level:First author

1. Effects of timing of palatal repair on asymmetry and speech development in complete cleft lip and palate cases a Retrospective study, 8th International congress on cleft palate and related craniofacial anomalies, Sep 1997 Singapore.
2. Early management of Collapsed Arches in Repaired Complete Cleft lip and palate cases, 17th Congress of International Association of Paediatric Dentistry, London, Sept 1999.
3. Primary Preventive Oral Health Education Strategies for Children with Special Needs,17th Congress of International Association of Paediatric Dentistry, London, Sept 1999.
4. Long term follow up of Luxated Anterior teeth after Immobilization with Direct Bond Splints, 17th Congress of International Association of Paediatric Dentistry, London, Sept 1999.
5. Effects of variation in the timing of the palatal repair on craniofacial asymmetry in complete cleft lip and palate cases, 17<sup>th</sup> Congress of International Association of Paediatric Dentistry, London, Sept 1999.

6. Rejuvenation – Sol-gel Intra canal Medicament, GNY Meeting, NY Nov 2007.
7. Efficacy of Sol Gel Chlorhexidine in Root Canal Failures – IADR International Association for Dental Research /Unilever Hatton Divisional **award** on Thursday, April 2<sup>nd</sup> 2009 IADR 87<sup>th</sup> General Session & Exhibition, Miami, Florida, USA.
8. QLF a clinical need for Diagnosis of Initial caries lesion s .FDI New Delhi,2014
9. The clinical efficacy of zinc tooth paste IADR Boston 2015
10. Reduction in gingival bleeding by a zinc tooth paste,IADR Boston 2015
11. Rapid Salivary Heme Detection To Examine Oral Health Status IADFR London 2018<https://iadr2018.zerista.com/event/member/493460>
12. Plaque Microbial Distribution Amongst Subjects Stratified By Oral Health Status IADR London2018

#### **Conference/meetings/ Proceedings Guest Lectures Abstracts :**

- 1 Dr Ramachandra oration lecture: High risk caries- management at Indian Dental Conference of Karnataka Branch at Gulbarga – October 1998, Dr B Nandlal.
- 2 Craniofacial growth in cleft lip and palate children, National Seminar on Identification and management of cleft lip and palate and Orofacial Clefts, Mumbai, Jan 2000.
- 3 Cleft lip and palate growth and development vs speech development – All India Institute of Speech & Hearing, Mysore, National Seminar on Identification and management of cleft lip, cleft palate and Orofacial clefts, 2000.
- 4 Principles of space maintainers – 1<sup>st</sup> PG Convention, ISPPD, Mysore, 2004..
- 5 Table Clinic on Pado-Ortho lab technique for space maintainers 1<sup>st</sup> PG Convention, ISPPD, Mysore, 2004.
- 6 Hands on course Demonstration of Air Abrasion in minimal invasive restorative procedures – 1<sup>st</sup> PG Convention, ISPPD, Mysore , 2004.
- 7 Hands on course Demonstration of Biostar for preparation of mouth guard and duplicating moulds – 1<sup>st</sup> PG Convention, ISPPD, Mysore 2004.
- 8 Restorative challenges in flourished teeth , 1<sup>st</sup> PG Convention, ISPPD, Mysore , 2004.
- 9 Redefining pain management – Symposium (Ranbaxy) , 2004
- 10 Space maintainers for general dental practice IDA – continuing dental education programme, K.V. Dental College, Sullia,2004.
- 11 Bite Mark – A Clue at the Third National Conference of the Indian Association of Forensic Odontology 2004 at Ragas Dental College & Hospital, Chennai 2004 .
- 12 Diagnosis, Treatment planning and Biomechanics in Space Management at the 5<sup>th</sup> P.G. Convention of the Indian Society of Pedodontia and Preventive Dentistry, Christian Dental College, CMC, Ludhiana 2008.
- 13 Reinforcement of non vital young permanent anterior teeth, 30<sup>th</sup> ISPPD Conference, Hyderabad, 2008.
- 14 Diagnosis in Space Management at Rajah Muthiah Dental College & Hospital, Annamalai University, 2009.
- 15 Treatment Planning and Bio Mechanics in Space Management at Rajah Muthiah Dental College & Hospital, Annamalai University , 2009.
- 16 Hands-On:Model Analysis and Cephalometric Analysis for Space Management at Rajah Muthiah Dental College & Hospital, Annamalai University ,2009.
- 17 Hands-On: Designing of Appliance According to Clinical Situations in Space Management at Rajah Muthiah Dental College & Hospital, Annamalai University, 2009.
- 18 Management of cleft lip and palate case – an insight from Pedodontists view, 31<sup>st</sup> ISPPD Conference, Muradnagar, Ghaziabad (U.P.), 2009.
- 19 High risk caries – challenge in clinical practice, 37<sup>th</sup> Karnataka State Dental Conference, Vishveswaraiah Technical University Campus, Belgaum, 2009.
- 20 Incipient Dental Caries – A Diagnostic challenge – 32<sup>nd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Amritsar, 2010.
- 22 S Ramachandra Oration Lecture , 39<sup>th</sup> Indian Dental Association, Karnataka State Branch, Mysore, 2011.
- 23 Orientation Lecture on importance of oral health care to the I & II year D.Ed., students Teacher Training Institute (TTI) for Women, Mysore , 2011.
- Healthy Teeth for Happy Smile - Presented a Lecture for children at JSS Spiritual Mission, Gaithersburg,USA April,2011.
- Alternative Restorative Care in Primary Dentition - Clinical observer, Faculty to College of Dentistry, New York University, New York, April,2011
- 24 Cariology research standardization – Physiological caries Model - 34<sup>th</sup> Indian Society of Paedodontics and Preventive Dentistry (ISPPD) Conference, Pattaya, Thailand - 2012.
- 25 QLF Diagnostics investigation method for clinical research and development of artificial stimulatory caries model - Khon Khen University, Khon Khen 2012.
- 26 Space management - 10<sup>th</sup> PG Convention, Indian Society of Paedodontics and Preventive Dentistry (ISPPD), New Delhi, 2013.

#### **Conference Poster Presentation Abstracts :First and co authored**

1. Long term following of luxated anterior teeth after immobilization with Direct Bond splints, 17<sup>th</sup> Congress of IAPD, London, Sept. 1999
2. Early management of collapsed arches in repaired complete cleft lip and palate cases, 17<sup>th</sup> Congress of IAPD, London, Sept. 1999,
3. Primary Preventive Oral Health Education Strategies for Children with special needs, 17<sup>th</sup> Congress of IAPD, London, Sept. 1999,
4. Step by step technique of restoring primary anterior teeth using polycarbonate crowns, 26<sup>th</sup> ISPPD Conference, Kolkata, Nov 2004, Dr Rishwanth
5. Step by step technique for restoring extensively decayed primary molar by laminate restoration, 26<sup>th</sup> ISPPD Conference, Kolkata, Nov 2004, Dr Ravi
6. Non Accidental injuries, 26<sup>th</sup> ISPPD Conference, Kolkata, Nov 2004, Dr Kapil Gandhi
7. Mouth guards – Providing professionally made custom mouth guards, 26<sup>th</sup> ISPPD Conference, Kolkata, Nov 2004, Dr Vijai & Dr B Nandlal
8. Step by step technique for veneering anterior stainless steel crowns, 26<sup>th</sup> ISPPD Conference, Kolkata, Nov 2004, Dr Nikhil Grover & Dr B Nandlal
9. Non accidental injuries - 33<sup>rd</sup> Karnataka State IDA Conference, Bantwal, 2004, Dr Kapil Gandhi & Dr B Nandlal
10. Modern mouth guards providing professionally made custom made mouth guards - 33<sup>rd</sup> Karnataka State IDA Conference Bantwal, 2004, Dr Vijai & Dr B Nandlal
11. Technique of restoring extensively decayed primary molar – laminate restoration - 33<sup>rd</sup> Karnataka State IDA Conference Bantwal, 2004, Dr Ravi & Dr B Nandlal
12. Bioactive glass – Rising new horizons - 33<sup>rd</sup> Karnataka State IDA Conference Bantwal, 2004, Dr Dhaneshwari
13. A step by step technique for restoring primary anterior teeth using polycarbonate crowns - 33<sup>rd</sup> Karnataka State IDA Conference Bantwal, 2004, Dr Rishwanth & Dr B Nandlal
14. Dentures in Pediatric Dentistry, 33<sup>rd</sup> Karnataka State Dental Conference, B C Road, Mangalore, 2004, Dr Prashanth & Dr B Nandlal
15. Temperomandibular Joint, Speech And Hearing Impairment, 33<sup>rd</sup> Karnataka State Dental Conference, Mangalore, 2004, Dr Seema D & Dr B Nandlal
16. Non accidental injuries - International conference of health sciences, Mysore 2005, Dr Kapil Gandhi & Dr B Nandlal
17. Modern mouth guards providing professionally made custom made mouth guards - International conference of health sciences, Mysore 2005, Dr Vijai & Dr B Nandlal



18. Technique of restoring extensively decayed primary molar – laminate restoration - International conference of health sciences, Mysore 2005, Dr Ravi & Dr B Nandal
19. Bioactive glass – Rising new horizons - International conference of health sciences, Mysore 2005, Dr Dhaneshwari & Dr B Nandal
20. A step by step technique for restoring primary anterior teeth using polycarbonate crowns - International conference of health sciences, Mysore 2005, Dr Rishwanth & Dr B Nandal
21. Children with chronic health conditions implications for oral health - International conference of health sciences, Mysore 2005, Dr Amith Khathri & Dr B Nandal
22. Dentures in Pediatric Dentistry - International Conference of Health Sciences, JSS Institutes, Mysore, 2005, Dr Prashanth & Dr B Nandal
23. Temperomandibular Joint, Speech and Hearing Impairment - International Conference of Health Sciences, JSS Institutes, Mysore, 2005, Dr Seema D & Dr B Nandal
24. Non accidental injuries - 27th annual conference of ISPPD, Dharwad 2005, Dr Kapil Gandhi & Dr B Nandal
25. Modern mouth guards providing professionally made custom made mouth guards - 27th annual conference of ISPPD, Dharwad 2005, Dr Vijai & Dr B Nandal
26. Technique of restoring extensively decayed primary molar – laminate restoration - 27th annual conference of ISPPD, Dharwad, 2005, Dr Ravi & Dr B Nandal
27. Bioactive glass – Rising new horizons - 27th annual conference of ISPPD, Dharwad, 2005, Dr Dhaneshwari & Dr B Nandal
28. A step by step technique for restoring primary anterior teeth using polycarbonate crowns - 27th annual conference of ISPPD, Dharwad 2005, Dr Rishwanth & Dr B Nandal
29. Children with chronic health conditions implications for oral health 27th annual conference of ISPPD, Dharwad 2005, Dr Amith Khathri & Dr B Nandal
30. Oral Pathology of infants and toddlers, 27<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, SDM College of Dental Sciences, Dharwad, 2005, Dr Hariharan, Dr Harsimran K
31. Grotesqueness of Medication on teeth, 27<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, SDM College of Dental Sciences, Dharwad, 2005, Dr Jayasudha K
32. Dentures in Pediatric Dentistry, 27<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, Dharwad, 2005, Dr Prashanth
33. Chronic health conditions in Children - 27<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, SDM college of Dental Sciences, Dharwad, 2005, Dr Amit Khatri
34. Temporomandibular Joint, Speech and Hearing Impairment, 27<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive dentistry, Dharwad, 2005, Dr Seema D
35. Dynamics Behind Innocent Smiles, 35<sup>th</sup> Karnataka State & 3<sup>rd</sup> Interstate IDA conference, Bangalore, 2006, Dr Indira M D
36. Say No to Extension Minimal Intervention, 35<sup>th</sup> Karnataka State and 3<sup>rd</sup> Interstate IDA conference, Bangalore, 2006, Dr Kanika S D, Dr Praveen P S
37. Say No to Extension Minimal Intervention, 28<sup>th</sup> Annual ISPPD Conference at Rohthak, 2006, Dr Kanika S D, Dr Praveen P S
38. Management of Internally resorbed Central Incisor with recurrent fracture by using Light transmitting (Luminex) post, 4<sup>th</sup> ISSPD PG Convention, PGIMER Chandigarh, 2007, Dr Hariharan
39. Esthetic Splint, 4<sup>th</sup> ISSPD PG Convention, PGIMER, Chandigarh, 2007, Dr Hariharan and Dr Kanika S D.I
40. Rejuvenation, 4<sup>th</sup> ISSPD PG Convention, PGIMER, Chandigarh, 2007, Dr Harsimran K.
41. Changing traditions of restoration, Twentieth National Conference, Indian Society for Dental Research, Salem, 2007, Dr Naga Sreebala.
42. The long face syndrome, Twentieth National Conference, Indian Society for Dental Research, Salem, 2007, Dr Shruthi S Kumar.
43. Say no to extension – Minimal Intervention, 20th National Conference, Indian Society for Dental Research, Salem, 2007, Dr Praveen Kumar P S.
44. Dynamics behind innocent smile, Twentieth National Conference, Indian Society for Dental Research, Salem, 2007, Dr Indira M D.
45. Esthetic splint as a treatment modality for bilateral subcondylar fracture – A case report, Twentieth National Conference, Indian Society for Dental Research, Salem, 2007, Dr Kanika Singh Dhull
46. Promoting Pedodontics through Pediatrics - 30<sup>th</sup> ISPPD Conference, Hyderabad, Nov 2008, Dr S Sushma.
47. Promoting Pedodontics through Pediatrics - 30<sup>th</sup> ISPPD Conference, Hyderabad, Nov 2008, Dr H P Chanchala .
48. Promoting Pedodontics through Pediatrics - 30<sup>th</sup> ISPPD Conference, Hyderabad, Nov 2008, Dr Gurvinder Kaur
49. Promoting Pedodontics through Pediatrics - JSSDCH Scientific meet 2008, Dr S Sushmal
50. Promoting Pedodontics through Pediatrics - JSSDCH Scientific meet 2008, Dr H P Chanchala
51. Promoting Pedodontics through Pediatrics - JSSDCH Scientific meet 2008, Dr Gurvinder Kaur.
52. Radiographic and Morphologic evaluation of tooth in a plastinised monstrous tumor – 31<sup>st</sup> Indian Society of Pedodontics and Preventive Dentistry Conference, Ghaziabad, 2009, Dr Priyanka Talwade.
53. Radiographic evaluation of Incisive fissure on a plastinated fetus, 31<sup>st</sup> Indian Society of Pedodontics and Preventive Dentistry Conference, Ghaziabad, Nov 2009, Dr Shilpi Tiwari
54. Bottle it up-Take a cup – JSS University Scientific Mee, 2010, JSS Dental College & Hospital, Mysore, 2010, Dr. Anukriti Pathek.
55. Changing Restorative Traditions – A specific enamel preparation - JSS University Scientific Meet - 2010, JSS Dental College & Hospital, Mysore, 2010, Dr. Sreebala.
56. Long face syndrome - JSS University Scientific Mee, 2010, JSS Dental College & Hospital, Mysore, 2010, Dr. Shruthi S.
57. Morphologic and Radiographic evaluation of tooth in a plastinised monstrous tumour - JSS University Scientific Meet - 2010, JSS Dental College & Hospital, Mysore, 2010, Dr. Talwade Priyanka.
58. Radiographic evaluation of incisive fissure on a plastinised fetus; clinical relevance? - JSS University Scientific Meet - 2010, JSS Dental College & Hospital, Mysore, 2010, Dr. Shilpi Tiwari.I
59. Bitewing – A specialists vision, 32<sup>nd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Amritsar, 2010, Dr Mohit Bangdia.
60. Strike before it strikes, 32<sup>nd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Amritsar, 2010, Dr Rahul Mehta.
61. Fiberoptic transillumination, 32<sup>nd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Amritsar, 2010, Dr Lakshmi..
62. Pediatric Complete Dentures; When you care enough to deliver the very best, 33<sup>rd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Mangalore, 2011, Dr Rahul Goyal & Dr Rashmi S. **(Best poster award)**
63. Just brush and go, 33<sup>rd</sup> Indian Society of Pedodontics & Preventive Dentistry National Conference, Mangalore, 2011, Dr Antarmayee Panigrahi.
64. Complete Oral Rehabilitation in Anodontia - 39<sup>th</sup> IDA Karnataka State Dental Conference, 2011, Mysore, 2011. Dr Rahul Goyal, Dr Rashmi S.
65. Just brush and go, 39<sup>th</sup> IDA Karnataka State Dental Conference – 2011, Mysore, 2011. Dr Rashmi Deepak.
66. Nasoalveolar molding in cleft lip and palate patients - 39<sup>th</sup> IDA Karnataka State Dental Conference, 2011, Mysore, 2011. Dr Roli Agrawal.
67. Minimal Intervention Dentistry - 65<sup>th</sup> Indian Dental Conference, Mumbai, IDA Pepsodent poster competition, 2012, Dr Rahul Goyal **(First place)**
68. TENS – A Boon to Paediatric Dentistry - 65<sup>th</sup> Indian Dental Conference, Mumbai, IDA Pepsodent poster competition, 2012, Dr Mohit Bhangdia.
69. Fascination of Fluorescence, - 65<sup>th</sup> Indian Dental Conference, Mumbai, IDA Pepsodent poster competition, 2012, Dr Rahul Mehta

70. Dental perspective of BMW , 40<sup>th</sup> Karnataka State Dental Conference – 2012, Bantwal, Mangalore, 2012, Dr Indira M D
71. Tens – A souvenir for painless paediatric Dentistry - 66<sup>th</sup> Indian Dental Conference, Kolkata, 2013, Dr Rahul Goyal.
72. Fluorescence assisted chemo mechanical caries excavation - 10<sup>th</sup> PG Convention, Indian Society of Paedodontics and Preventive Dentistry (ISPPD), New Delhi, 2013, Dr Ranjith M George, Dr Ashwini Korke, Dr Kanupriya Chaudhry
73. Nutrition extemporizing the gift of nature for good oral health – Pedoscope 35<sup>th</sup> Annual Conference of Indian Society of Paedodontics and Preventive Dentistry, Jaipur, 2013, Dr Abhilash & Dr Bhargavi
74. Traumatic dental injuries in blind school children – Pedoscope 35<sup>th</sup> Annual Conference of Indian Society of Paedodontics and Preventive Dentistry, Jaipur, 2013, Dr Tejaswini
75. Effectiveness of an Automatic Speech to Sign Language Software for Translation (ASSiST) in Improving Knowledge Regarding Tooth Brushing Technique among Speech and Hearing-impaired Children *Divya N Sahetya Nandlal Bhojraj Shreepriya Singhania Samhita Bijlani* Virtual Conference on IOT and Intelligent Apps (IOTIA –2020)

## Summary of Specific Scientific Contribution

### External Funded Research projects 14

### Internally Funded Research Projects 14

### Mentored Master Programs 35

### Mentored PhD 6

#### External funded Research Projects Reports

1. Clinical trial on Indigenous Dental Implants, New Delhi DRDO
2. Evaluation of Supervised brushing with toothpaste at Free Residential School, Suttur Toothbrushes for 2000 children A three year randomized control trial of efficacy of tooth brushing in a rural school based programme, Suttur JSSDCH
3. A Long term follow up of wire Resin Splinting of Luxated Anterior Traumatized teeth RGUHS
4. A pilot clinical investigation to evaluate the effects of Ayurvedic formulations on tooth pain Colgate
5. Quantitative light – induced fluorescence; a novel technology for quantifying the highest & lowest area of hypo-mineralization of endemic fluorosed tooth severity with drinking water fluoride level- DST
6. Preventive Programme by using Pit and Fissure Sealant at JSS Free Residential School- A 3 years longitudinal evaluation. JSSU
7. An eight week clinical study to evaluate the effects of oral hygiene on dental plaque and gingivitis M/s Colgate Palmolive
8. The collection and analysis of oral samples after the use of two commercial tooth pastes – A clinical study M/s Colgate Palmolive
9. A pilot clinical study to evaluate the effects of oral hygiene with two dentifrices on dental plaque and gingivitis M/s Colgate Palmolive
10. A six month clinical study to determine the effects of oral hygiene with provided toothpaste on dental plaque and gingivitis M/s Colgate Palmolive
11. Efficacy of Essential oils (Lemon & Bergamot) on the growth of oral candidiasis in Elderly long standing diabetic population ICMR-STs
12. A pilot study to evaluate relief from mouth ulcer pain M/s Colgate Palmolive
13. A clinical study to collect and analyse oral samples after the use of assigned toothpaste M/s Colgate Palmolive
14. A pilot study to evaluate microbial accumulation onto hydroxyapatite disks and natural teeth and the effects of treatments. M/s Colgate Palmolive

#### Internal Institutional Research Projects

1. Prevalence of Dental Caries in children using medicated syrups and its awareness among their parents.
2. Oral hygiene practices, assessment of DMFT and plaque indices among deaf and dumb children.
3. Oral hygiene practices and assessment of DMFT among the blind children.
4. A prevalence study to assess the DMFT, Plaque and gingival indices and co-relation between them among the inmates of Arabic School.
5. A survey on assessment of oral hygiene status and prevalence of dental caries among the children of Apana Ghar.
6. Awareness about the primary dental care among the general practitioners in Mysore- A Report.
7. Survey among the toothpaste distributors to ascertain preference of toothpaste by the citizens of Mysore.
8. A survey to assess the utility of dental services among the market vendors of Mysore Market.
9. Assessment of utility of Dental Services among mutton market vendors of Devaraja mutton Market- Mysore City.
10. To assess the utility of dental services among Devaraja market vendors of Mysore.
11. Oral health awareness and practices among female medical students of JSS Medical College.
12. Awareness among medical auxiliary staff about oral health education including preventive methods to be practiced at individual level.
13. Indigenous Dental Implants – Clinical Trial – Supported By Institute of Nuclear Medicine & Allied Sciences, Defence Research & Development Organisation, Delhi.
14. Supervised Oral hygiene programme in the Free Residential School, Suttur.

#### Guided Dissertation research

1. Dento-Alveolar Development and Craniofacial Morphology in children with speech and Hearing Impairment.
2. Evaluation of pH changes of Dental Plaque after Consumption of Commonly Available Seasonal Fruits and Fruit Juices.
3. An Evaluation of AntiMicrobial activity of commonly used etchants
4. Maxillary dento-Alveolar development in uni lateral cleft lip and palate cases after Cheiloplasty – A retrospective evaluation
5. Evaluation of the Effect of Implementation of a primary Preventive Dental Health Education Programme on 6-12 year old Primary School Children in Mysore city.
6. A study of caries experience of 2.5-3.5 years old pre-nursery children in Mysore city and assessment of the mothers' Knowledge, attitude and practices regarding oral health.

- 7 A Comparative Evaluation of the Tensile Strength of Silver Soldered Joints of Stainless steel and Cobalt Chromium Orthodontic Wires with Band Material-An Invitro Study.
- 8 Enhancing the Bond Strength of the wire-Composite Resin Interface of Dental Splints using different wire Surface Treatments – An Invitro Study
- 9 The effect of sandblasting and laser surface treatment on shear bond strength of a composite resin to the facial surface of primary anterior stainless steel crowns – An in vitro study
- 10 An ultrastructural study of primary teeth treated with etchants and self etching adhesives and their effect on shear strength of composite resin – An in vitro study
- 11 Effect of Enamel preparations on fracture resistance of Composite Resin Buildup of Fractures Involving Dentine in Anterior Bovine teeth – An Invitro Study
- 12 Resistance to fracture of pulpectomized primary molars restored with commonly used restorative materials – An Invitro Study
- 13 A comparison of the shear bond strength of composite resin to non-etched and etched glass ionomer cements before and after setting – An invitro study.
- 14 Comparison of fracture resistance of the crown build-up in the simulated immature and mature endodontically treated maxillary anterior teeth reinforced with a fiber post – An invitro study.
- 15 Effect of Combinations of Surface Treatments and Bonding Agent on the Shear Bond Strength of Fractured Composite Resin Repaired with a Flowable Composite – An invitro study.
- 16 Comparative Evaluation of Shear Bond Strength of Conventional Composite Resin and Nanocomposite Resin to Sandblasted Primary Anterior Stainless Steel Crown and Spectrophotometric Analysis of Color Stability of these Tooth colored Restorative Materials-An in vitro study.
- 17 Craniofacial and Dentoalveolar Morphological changes in Asthmatic Children-A Cephalometric Study.
- 18 An In-Vitro study to Evaluate and compare the Shear Bond Strength of Conventional Composite Resin with Nano Composite Restorative Material in Carious and Sound Deciduous Dentin.
- 19 "Efficacy Of Various Root Canal Irrigants On Removal Of Smear Layer In The Primary Root Canals After Hand Instrumentation – A Sem Study."
- 20 Evaluation Of The Ph Changes Of Intracanal Medicaments In The Surrounding Periapical Medium And To Compare The Effects Of Contamination – An-In-Vitro Study".
- 21 "Influence Of Dietary Solvents On The Strength Of Commonly Used Esthetic Restorative Materials An In Vitro Study".
- 22 Comparative evaluation of the effect of cavity disinfectants on the fracture resistance of primary molars restores with indirect composited inlays-an invitro study.
- 23 Comparative evaluation of fluoride release from prg-composites and compomer on application of topical fluoride-an in-vitro study.
- 24 Evaluation Of The Load Bearing Capacity Of Fractured Incisal Edge Of Maxillary Permanent Central Incisors Restored With A Glass Fiber-Reinforced Nano Composite-An In Vitro Study.
- 25 Dentoalveolar Changes And Related Malocclusions In Asthmatic Children.
- 26 Comparison Of Computerised Pressure-Sensitive Pressure-Sensitive Probe With Manual Periodontal Probe In Measuring Gingival Sulcus Depth In Primary Dentition.
- 27 To Evaluate The Effect Of Severe Early Childhood Caries On Serum Ferritin Levels Before And After Oral Rehabilitation-An Invitro Study.
- 28 An Evaluation of the Effect of Calcium Hydroxide as a Pre Obturation Medicament on the Root Fracture Strength of Human Permanent Mature Teeth-An In vitro study.
- 29 Efficacy of Metronidazole gel and Chlorhexidine against Enterococcus faecalis in dentinal tubules of single rooted human premolars-an in vitro comparative study
- 30 A comparative Evaluation of a Commercially available Herbal and Non-Herbal Dentifrice on Dental Plaque and Gingivitis in Children.
- 31 Clinical evaluation of the metronidazole gel and solution against E. Faecalis in primary molars
- 32 Comparative evaluation of remineralization potential of CPP-ACP on artificial enamel white spot lesion an invitro QLF study
- 33 Comparative evaluation of different moisture contamination on microtensile bond strength of conventional and hydrophilic pit and fissure sealants
- 34 Pain perception with computer controlled and conventional LA technique
- 35 Comparative evaluation of shear bond strength of Nano hydroxiapatite incorporated GIC and conventional GIC

#### Guided PhD Research

- 1 Craniofacial changes in Rural Residential school children of Suttur between 7 to 14 years of age – A prospective longitudinal study.
- 2 Biomechanical analysis of morphometric basis of orthomorphic correction of mandibular asymmetry of human adult mandible using finite element method
- 3 The Histopathological evaluation of the dental follicular tissue of the impacted teeth
- 4 Time and sequences of eruption in pre-term and full term children of Mysore- a Prospective Cohort study
- 5 Facial Morphometrics and soft Tissue profile changes in children with the eruption of first permanent molar- A longitudinal study
- 6 Histomorphometric Changes in the dental Pulp of Deciduous Teeth during different stages of Resorption



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