



**DEPARTMENT OF PEDIATRIC & PREVENTIVE DENTISTRY**



**FACULTY PROFILE**

<b>NAME</b>	<b>DR. TROPHIMUS GNANABAGYAN. J</b>	
<b>DESIGNATION</b>	READER	
<b>DATE OF BIRTH</b>	07/02/1991	
<b>DCI REG NO.</b>	17894	
<b>QUALIFICATION</b>		
<b>BDS</b>	<b>COLLEGE</b>	Saveetha Dental College & Hospitals
	<b>UNIVERSITY</b>	Saveetha University
	<b>YEAR OF PASSING</b>	2013
<b>MDS</b>	<b>COLLEGE</b>	Meenakshi Ammal Dental College & Hospital
	<b>UNIVERSITY</b>	Meenakshi Academy of Higher Education & Research (Meenakshi University)
	<b>YEAR OF PASSING</b>	2017
<b>CONFERENCE PRESENTATIONS</b>		
<b>PAPERS PRESENTED</b>		
<ol style="list-style-type: none"><li>1. <b>‘Reuse, Reduce, Recycle, Rethink’</b> presented at CONFLUENCE PEDODONTIA held on 8<sup>th</sup> January, 2015 at Chettinad Dental College and Research Institute, Chennai.</li><li>2. A case report on <b>‘Full mouth Rehabilitation in a case of Beckwith Wiedemann Syndrome’</b> presented at SHOW-CASE International Case Reports Conference, held on 9<sup>th</sup> and 10<sup>th</sup> May, 2015 at Saveetha Dental College, Chennai.</li><li>3. <b>‘Accept the Preference and see the Difference’</b> presented at the 37<sup>th</sup> National Conference of Indian Society of Pedodontics and Preventive Dentistry held on 8<sup>th</sup> – 10<sup>th</sup> October, 2015 at Raipur.</li><li>4. A case report on <b>‘Full mouth Rehabilitation of a case of Pachygyria – A Neurological Migration Disorder’</b> presented at the “Clinical Case Challenge”, held on 21<sup>st</sup> January, 2016 at Meenakshi Ammal Dental College, Chennai.</li></ol>		

5. A case report on ‘**Surgical Removal of a Supernumerary Tooth placed in an Unusual Position**’ presented at SHOW-CASE International Case Reports Conference, held on 29<sup>th</sup> and 30<sup>th</sup> April, 2016 at Saveetha Dental College, Chennai.
6. A case report on ‘**Intrusive Luxation in a Toddler**’ presented at “Updates in Pediatric Dentistry – Dental Trauma” held on 21<sup>st</sup> July, 2016 at Meenakshi Ammal Dental College, Chennai.
7. ‘**Salivary Peptides?? How does it Matter??**’ presented at “Updates in Pediatric Dentistry – Caries Preventive Measures” held on 10<sup>th</sup> March, 2017 at Meenakshi Ammal Dental College, Chennai.
8. ‘**Surgical management of an Oral Ranula in a Pre-schooler**’ presented at 42<sup>nd</sup> National ISPPD (Virtual) Conference 2021 held between 25<sup>th</sup> – 27<sup>th</sup> November 2021.
9. ‘**Make Merry and Steer away your fear**’ presented at PEDO VERSE - 19th ISPPD PG Convention, held between 23<sup>rd</sup> to 25<sup>th</sup> February 2023 at Chennai.

#### **POSTERS PRESENTED**

1. ‘**Pediatric Posology**’ presented at PEDOFEST, 36<sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry held on 14<sup>th</sup> – 16<sup>th</sup> October, 2014 at Lucknow.
2. ‘**Reuse, Reduce, Recycle, Rethink**’ presented at PEDOZEST, 12<sup>th</sup> National Post Graduate Convention held on 26<sup>th</sup> – 28<sup>th</sup> February, 2015 at Tumakuru.
3. ‘**Accept the Preference and See the Difference**’ presented at PEDO PEARLS, 13<sup>th</sup> National Post Graduate Convention held on 26<sup>th</sup> & 27<sup>th</sup> February 2016 at Hyderabad.
4. ‘**Quality and Readability of Web content on Ankyloglossia using the DISCERN tool and Flesch Readability Scale**’ presented at IAPD Virtual Conference held 14<sup>th</sup> to 17<sup>th</sup> September 2020.
5. ‘**Untie the knot – Do it wisely**’ presented at ISPPD Pedo Vircon 2021 held between 21<sup>st</sup> to 24<sup>th</sup> January 2021.
6. ‘**Salivary HNP 1-3 – A Shield to Tooth Bugs**’ presented at a Workshop on Caries Risk Assessment (Virtual) held on 13<sup>th</sup> September 2022.

#### **PUBLICATIONS**

1. **Jayakaran TG**, Arjunker R. Nanocomposite hydrogels as local drug delivery in Periodontics. Journal of Pharmaceutical science and Research 2013; 5(12): 277-278.
2. **Jayakaran TG**, Arjunker R. Periodontal disease and Rheumatoid arthritis. IOSR Journal of Dental and Medical Science 2013; 12(5):1-4.
3. **Jayakaran TG**. The effect of Drugs in the oral cavity. Journal of Pharmaceutical science and Research 2014; 6(2): 89-96.
4. **Jayakaran TG**, Rekha. CV, Annamalai S, Baghkomeh PN. Bilateral mandibular permanent canine agenesis: A rare case report. Annals of International Medical and Dental Research 2016; 3(1): 1-3.

5. **Jayakaran TG**, Rekha. CV, Annamalai S, Baghkomeh PN. Surgical removal of an impacted supernumerary tooth located in a unique position. *Journal of Dentistry and Oral Biology* 2017; 2(2):1027.
6. **Jayakaran TG**, Rekha. CV, Annamalai S, Baghkomeh PN, Sharmin DD. Preferences and choices of a child concerning the environment in a pediatric dental operator. *Dental Research Journal* 2017; 14:183-187.
7. **Jayakaran TG**, Rekha. CV, Annamalai S, Baghkomeh PN. Antibiotics and its use in Pediatric Dentistry. *International Journal of Applied Dental Sciences* 2018; 4(2): 310-314.
8. **Jayakaran TG**, Vignesh. R, Shankar P. Local Anesthetics in Pediatric Dental Practice. *Research Journal of Pharmacy and Technology* 2019;12(8):4066-4070.
9. Shankar P, Arangannal P, Jeevarathan J, Vijayakumar M, Poorani LN, **Trophimus J**. Effect of Positive Dental Video on Dental Anxiety in Children Using Chota Bheem-Chutki Scale. *Indian Journal of Public Health Research & Development*. 2019;10(12):2320-4.
10. Shankar P, Venkatesan R, Senthil D, **Trophimus J**, Arthilakshmi CU, Princy P. Microleakage patterns of glass ionomer cement at cement-band and cement-enamel interfaces in primary teeth. *Indian Journal of Dental Research*. 2020 Mar 1;31(2):291.
11. Padminie K, Hemalatha R, Shankar P, Senthil D, **Trophimus GJ**. Topical anesthesia for stainless steel crown tooth preparation in primary molars: a pilot study. *J Dent Anesth Pain Med*. 2020 Aug;20(4):241-250.
12. **Jayakaran TG**, Rekha CV, Annamalai S, Baghkomeh PN. Salivary peptide human neutrophil defensin1–3 and its relationship with early childhood caries. *Dental Research Journal* 2020;17:459-64.
13. Renuka K, Divya S, Shankar P, **Trophimus J**, Senthil D, Hemalatha R. Dermatoglyphic Analysis of Finger Tip Patterns in Children with Hearing and Speech Disorder. *Annals of R.S.C.B* 2021;25(4):18847-53.
14. Shankar P, Nancy S, Madhu Narayan, Shanmuga Priya, Senthil D, **Trophimus J**. Unusual Presentation of Pyogenic Granuloma on The Buccal Mucosa in A 9-Year-Old Girl – A Case Report. *Annals of R.S.C.B* 2021;25(4):18878-86.
15. Shankar K, Ramkumar H, Dhakshinamoorthy S, Shankar P, **Jayakaran TG**, Charishma BS. Comparison of Modified Triple Antibiotic Paste in Two Concentrations for Lesion Sterilization and Tissue Repair in Primary Molars: An *In Vivo* Interventional Randomized Clinical Trial. *Int J Clin Pediatr Dent* 2021;14(3):388–392.
16. Suba A, **Trophimus J**, Chithra S. Assessment of the Knowledge and Attitude of Child Abuse among School Children in Chennai City - A Cross Sectional Study. *Int J Dentistry Oral Sci*. 2021;8(9):4280-4283.
17. Shankar P, Nagarjuna Chowdary, Hemalatha R, Senthil D, **Trophimus J**, Nancy Solomon. Estimation of tooth and arch dimensions in the primary dentition among 4 to 5 year old children. *Turkish Journal of Physiotherapy and Rehabilitation*. 2021;32(3): 29253-29263.

18. Mathew G, **Jayakaran TG**, Ramkumar H, Dakshinamoorthy S, Paulindraraj S, Solomon N. Evaluation of Embrace WetBond and Helioseal-F sealant retention with and without a Self-etch adhesive: A 12 month follow-up. *J Clin Exp Dent*. 2021;13(12):e1189-5.
19. Padminie K, Hemalatha R, Shankar P, Senthil D, **Jayakaran TG**, Kabita S. Effectiveness of biofeedback relaxation and audio-visual distraction on dental anxiety among 7- to 12-year-old children while administering local anaesthesia: A randomized clinical trial. *Int J Paediatr Dent*. 2022 Jan;32(1):31-40.
20. Bommareddy CS, Ramkumar H, Dakshinamurthy S, Paulindraraj S, **Jayakaran TG**, Shankar K. Clinical and Radiographic Evaluation of Curcumin as an Obturation Material in Deciduous Teeth: A Randomized Controlled Trial. *Int J Clin Pediatr Dent* 2022;15(S-1):S35–S39.
21. Elizabeth JA, Hemalatha R, Shankar P, **Jayakaran TG**, Rajkumar M. Antibacterial efficacy of Lawsonia inermis (Henna) against the predominant endodontic pathogen (*Enterococcus faecalis*)-An in vitro antimicrobial assay. *Biomedicine*. 2022;42(2):401-404.
22. K Nandhini, Paulindraraj S, Ramkumar H, Dakshinamurthy S, **Gnanabagyan T**, Solomon N. Evaluation of Molar Bite Force in Carious and Non-Carious Primary Dentition among 4 to 6 Year Old Children. *J Oral Res*.2022; 11(3):1-8.
23. Amilia Elizabeth JA, Paulindraraj S, Hemalatha R, **Jayakaran TG**, Dakshinamurthy S. Knowledge, attitude, and practice of autotransplantation among the practicing pediatric dentists in Chennai – A questionnaire study. *Indian J Dent Res* 2022;33:247-52.
24. Shankar Paulindraraj, **Trophimus Gnanabagyan Jayakaran**, Nancy Solomon, Charishma Sai Bommareddy, Hemalatha Ram kumar, Nimisha Cheruparambil. Factors affecting the compliance of dental home preventive measures among pediatric patients. *Eur. Chem. Bull.* 2023, 12 (S2), 301 – 305. DOI: 10.31838/ecb/2023.12.s2.040.
25. **Trophimus Gnanabagyan Jayakaran**, Shankar Paulindraraj, Nancy Solomon, Bommareddy Sai Charishma, Nimisha Cheruparambil, Hemalatha Ramkumar. Evaluation of salivary hnp1-3profile in children with and without early childhood caries using liquid chromatography mass spectrometry (lcms). *Eur. Chem. Bull.* 2023, 12 (S2), 334 – 339.
26. Nancy Solomon, Anantharaj Athimuthu, Kalpana Harikrishna, Shankar Paulindraraj, **Trophimus Gnanabagyan Jayakaran**, Nimisha Cheruparambil. Assessment of knowledge and awareness of dental injuries among the coaches and sports-persons of diverse sports in chennai – a cross sectional survey. *Eur. Chem. Bull.* 2023, 12 (S2), 242 – 250.
27. Bommareddy SaiCharishma, Shankar Paulindraraj, **Trophimus Gnanabagyan Jayakaran**, Hemalatha Ramkumar. Esthetic modification of double banded space maintainer with mayne’s loop – a case report. *Eur. Chem. Bull.* 2023, 12 (S2), 224 – 228. DOI: 10.31838/ecb/2023.12.s2.029.
28. Kanumuru KR, Solomon N, Ramkumar H, Paulindraraj S, **Jayakaran TG**, Dakshinamoorthy S . Assessment of Pulpal Oxygen Saturation in Caries-free and Carious

Maxillary Primary Central Incisors using a Customized Dental Pulse Oximeter. *Int J Clin Pediatr Dent* 2023;16(4):560–564.

29. Elizabeth JAA, Ramkumar H, Paulindraraj S, Dakshinamurthy S, **Jayakaran TG**, Manoharan R. Evaluation of *Streptococcus mutans* Colonization and Oral Hygiene Status in Primary Molars Restored with Two Different Crowns: A Randomized Clinical Trial. *Int J Clin Pediatr Dent* 2023;16(S-2):S183–S189.