

Curriculum Vitae



Name: Dr. Sunnypriyatham Tirupathi

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Educational Qualification:

- **BDS, MDS** (Pedodontics and Preventive Dentistry)
- **PhD Scholar.**

Professional/ Academic Experience

Designation	Institute	From	To	Duration
Assistant Professor	Dr.D.Y.Patil Dental college and Hospital, Pimpri,Pune,Maharashtra, India	1-07-2021	28-02-2023	1 years 7 months 27 days
Clinical Dental Specialist	Siri Abhaya Hospital, Hyderabad	29-02-2020	30-06-2021	1 year 4 months 1 days
Senior Lecturer	Malla Reddy Institute of Dental Sciences, Suraram X roads, Hyderabad, Telangana,India	04-06-2018	28-02-2020	1 year 8 months 24 days
General Duty Medical Officer – Dental Surgeon	Union Territory Health Mission- Andaman Nicobar Islands	19-03-2013	27-01-2014	10 months 8 days
Tutor	Kamineni Institute of Dental Sciences, Narketpally, Nalgonda	23-01-2013	04-03-2014	1 month 12 days
TOTAL				5 Years+

Research Profile

Total Indexed Publications: 45

Total Publications: 45

Total Citations: 160

h-index (google scholar): 7

i10- index: 3

Sn o	Title of article	Type	Indexing	Year	Order	Status
1	Sunny Priyatham Tirupathi. Quantum Dots in non-invasive imaging of oral squamous cell carcinomas: A scoping Literature Review. Journal of cancer research and therapeutics	Scoping Review	PubMed Scopus	2023	Corresponding and third	Accepted under page proof stage
2	Sunny Priyatham Tirupathi. Comparative evaluation of fluoride release from four commercially available pediatric dental restorative materials. International Journal of Clinical Pediatric Dentistry	Original research	PubMed Scopus	2023	Corresponding	Accepted
3	Sunny Priyatham Tirupathi. Comparative evaluation of single rotary file system and sequential multi file rotary systems on time for biomechanical preparation and obturation quality in single visit pulpectomy protocol. a double blind randomized clinical trial. International Journal of Clinical Pediatric Dentistry	Original research	PubMed Scopus	2023	Corresponding	Accepted
4	Sunny Priyatham Tirupathi. 3d-printed esthetic innovative space maintainer for children with ADHD: short communication. International Journal of Clinical Pediatric Dentistry	Original research	PubMed Scopus	2023	Corresponding	Accepted
5	Sunny Priyatham Tirupathi. Influence of birth characteristics and feeding practices on eruption of primary teeth in children: a preliminary cross-sectional observational study. International Journal of Clinical Pediatric Dentistry	Original research	PubMed Scopus	2023	Corresponding	Accepted
6	Sunny Priyatham Tirupathi. Comparison of skeletal changes in the glenoid fossa condylar head and articular space between the twin block appliance and fixed functional appliance: a longitudinal follow-up study. International Journal of Clinical Pediatric Dentistry	Original research	PubMed Scopus	2023	Corresponding	Accepted
7	Sunny Priyatham Tirupathi. Spectrophotometric evaluation of colour stability of nano and micro hybrid composite materials in oral environment when exposed to various liquids. International Journal of Clinical Pediatric Dentistry.	Original research	PubMed Scopus	2023	Corresponding	Accepted
8	Sunny Priyatham et al. Is trigeminal neuralgia the tip of cancer iceberg: An Insight. Journal of Cancer Research and Therapeutics	Systematic review	PubMed Scopus	2023	First and Corresponding	Accepted
9	Sunny Priyatham et al. Guidance of erupting first permanent molar in complex clinical scenarios: a case series. International Journal of Clinical Pediatric Dentistry	Systematic review	PubMed Scopus	2023	First and Corresponding	Accepted
10	Sunny Priyatham et al. Factors affecting the fit and retention of CAD-CAM 3D printed space	Original research	PubMed Scopus	2023	Corresponding	Accepted

	maintainers in Dentistry. International Journal of Clinical Pediatric Dentistry					
11	SunnyPriyatham et al. Burning measure for Burning Mouth Syndrome: A Systematic review. J Korean Assoc Oral Maxillofac Surg.	Systematic review	PubMed Scopus	2023	First and Corresponding author	Published
12	Payal kothari, Aditi Mathur, SunnyPriyatham Tirupathi. Effectiveness of Thaumaturgic Distraction in alleviation of anxiety in 4-6 year old children during inferior alveolar nerve block administration; Randomised control trial.	Original research	PubMed	2023	Fifth author	Accepted
13	Muskaan, SunnyPriyatham. Clinical scope and applications of Spilanthes acmella in Dentistry. Journal of Natural Remedies.	Scoping Review	WoS	2023	Second and Corresponding author	Accepted
14	Tirupathi, S., Afnan, L. Safety Considerations of Fentanyl Transdermal Patches Used for Third Molar Surgery Pain Relief. J. Maxillofac. Oral Surg. (2023). https://doi.org/10.1007/s12663-023-01851-5	Communication	PubMed, Scopus	2023	First and corresponding author	Published
15	Tirupathi S, Shetty B, Chauhan RS. Youtube™ as a Source of Parent Education for Feeding Plates in Cleft Lip and Palate Patients. Ann Dent Spec. 2023;11(1):314. https://doi.org/10.51847/DqxQz7vYKf	Original research	Web of Science	2023	First author	Published
16	Tirupathi, Sunny Priyatham; Afnan, Lamea,; Alahari, Swetha; Challa, Ramasubbareddy. Clonidine versus Adrenaline as an Adjunct to Lignocaine on Haemodynamic Parameters during Nerve Block for Third Molar Surgical Removal - A Systematic Review and Meta-Analysis. Annals of Maxillofacial Surgery 12(2):203-211, Jul–Dec 2022. DOI: 10.4103/ams.ams_149_22	Systematic review	PubMed, Scopus	2022	First author	Published
17	Mathias MR, Rathi N, Bendgude VD, Tirupathi S, Chauhan RS, Borde A, Lath T, Shah SS. Comparative Fluoride Ion Release Pre and Postrecharge Situations among Three Different Pediatric Dental Restorative Materials: An In Vitro Study. Int J Clin Pediatr Dent. 2022 Nov-Dec;15(6):729-735. doi: 10.5005/jp-journals-10005-2461. PMID: 36866127; PMCID: PMC9973087.	Original Research	PubMed, Scopus	2022	Corresponding author	Published
18	Tirupathi S, Gopalakrishnan D, Deshkar S. Herbal topical anesthetics in dentistry: an exploratory review. J Dent Anesth Pain Med. 2022 Dec;22(6):419-426. doi: 10.17245/jdapm.2022.22.6.419. Epub 2022 Nov 24. PMID: 36601130; PMCID: PMC9763823.	Systematic review	PubMed	2022	First and corresponding author	Published
19	Tirupathi S, Rajasekhar S. Topical anesthesia in pediatric dentistry: an update. Int J Clin Pediatr Dent. 2022;15:240-5.	Review	PubMed, PubMed central	2022	First and corresponding author	Published
20	Tirupathi SP, Nanda N, Pallegu S, Malothu S, Rathi N, Chauhan RS, Priyanka V, Basireddy R. The combined effect of extraoral vibratory stimulus and external cooling on pain perception during intra-oral local anesthesia administration in children: a systematic review and meta-analysis. Journal of Dental Anesthesia and Pain Medicine. 2022 Apr;22(2):87.	Systematic review	PubMed, PubMed central	2022	First and corresponding author	Published
21	Afnan L, Tirupathi S. Dental students perception in managing medical emergencies: a cross-sectional study. Annals of Dental Specialty Vol. 2022 Apr;10(2):67.	Original Research	WoS	2022	Corresponding author	Published
22	SunnyPriyatham. Pediatric inter-maxillary fixation in a child with isolated sub-condylar fracture under local anaesthesia – technical note	Case report and Review of literature	PubMed, PubMed central	2022	First and corresponding author	Published

	and case report- International journal of clinical pediatric dentistry					
23	Jadhav, P., Malothu, S., Anand, P., Goje, V., Kumar, R., Tirupathi, S. , & Afnan, L. (2022). Oral health knowledge, attitude and practices among medical students: A cross-sectional observational study. International Journal of Health Sciences, 6(S6), 1414–1423. https://doi.org/10.53730/ijhs.v6nS6.9960	Original Research	Google scholar	2022	Corresponding author	Published
24	Alahari, S., Challa, R., Chaitanya, K., Afnan, L., Khandelwal, A., & Tirupathi, S. (2022). Effect of probiotic mouthwashes in comparison to chlorhexidine on periodontal health: Systematic review and meta-analysis. International Journal of Health Sciences, 6(S9), 2213–2228. https://doi.org/10.53730/ijhs.v6nS9.12905	Systematic Review	Google scholar	2022	Corresponding author	Published
25	Arya, A., Sreekanth, S., Tirupathi, S. , Kumar, N., Saikrishna, S., Yeso, A., Meena, M., & Afnan, L. (2022). Clinical periodontal parameters and subgingival bacterial profile in chronic periodontitis patients with and without chronic kidney disease (CKD): A cross-sectional observational study. International Journal of Health Sciences, 6(S6), 1424–1436. https://doi.org/10.53730/ijhs.v6nS6.9967	Original Research	Google scholar	2022	Corresponding author	Published
26	Gunjal, P., Chauhan, R. S., Tirupathi, S. , Patil, V., & Kothari, P. (2022). Comparative evaluation of microhardness of residual dentin in primary molars following caries removal with chemomechanical agent (BRIX 3000) and polymer burs (ss white): In vitro study. International Journal of Health Sciences, 6(S8), 3516–3530. https://doi.org/10.53730/ijhs.v6nS8.12882	Original Research	Google scholar	2022	Corresponding author	Published
27	Shetty, S. S., Mathur, A., Khan, H. A., Nair, S., & Tirupathi, S. (2022). Association of non-nutritive sucking habits with speech sound disorders: A scoping review. International Journal of Health Sciences, 6(S7), 2146–2156. https://doi.org/10.53730/ijhs.v6nS7.11771	Original Research	Google scholar	2022	Corresponding author	Published
28	Identification And Assessment of Factors Predicting Behaviour of The Child in The First Dental Visit. Journal of Positive School Psychology http://journalppw.com 2022, Vol. 6, No. 4, 10950–10954.	Original Research	Google scholar	2022	Third author	Published
29	Tirupathi S , Rajasekhar S, Maloth SS, Arya A, Tummalakomma P, Lanke RB. Pre-emptive analgesic efficacy of injected ketorolac in comparison to other agents for third molar surgical removal: a systematic review. J Dent Anesth Pain Med. 2021 Feb;21(1):1-14.	Systematic review and Meta analysis	PubMed, PubMed central,	2021	First and corresponding author	Published
30	Tirupathi S. Can buccal infiltration with articaine replace inferior alveolar nerve block with lignocaine for pulp therapy in primary mandibular molars?: a systematic review.- International journal of clinical pediatric dentistry.	Systematic review.	PubMed, PubMed central	2021	First and corresponding author	Published
31	Tirupathi S. Responsiveness of Parents Towards Their Children’s Prime Dental Visit – A Cross-Sectional Study. RGUHS Journal of Dental Sciences. Year: 2021. Volume: 13, Issue: 1, Page no. 51-56, DOI: 10.26715/rjds.13_1_8	Original research	UGC Care	2021	Third author	Published
32	Tirupathi SP , Rajasekhar S. Effect of warming local anesthesia solutions before intraoral administration in dentistry: a systematic review. J	Systematic review	PubMed,	2020	First and corresponding author	Published

	Dent Anesth Pain Med. 2020 Aug;20(4):187-194. Doi: 10.17245/jdapm.2020.20.4.187. Epub 2020 Aug 27. PMID: 32934984; PMCID: PMC7470999.		PubMed central			
33	Tirupathi SP, Rajasekhar S. Effect of precooling on pain during local anesthesia administration in children: a systematic review. J Dent Anesth Pain Med. 2020 Jun;20(3):119-127. Doi: 10.17245/jdapm.2020.20.3.119. Epub 2020 Jun 24. PMID: 32617406; PMCID: PMC7321740.	Systematic review	PubMed , PubMed central	2020	First and corresponding author	Published
34	Tirupathi SP, Rajasekhar S. Can single buccal infiltration with 4% articaine induce sufficient analgesia for the extraction of primary molars in children: a systematic literature review. J Dent Anesth Pain Med. 2020 Aug;20(4):179-186. Doi: 10.17245/jdapm.2020.20.4.179. Epub 2020 Aug 27. PMID: 32934983; PMCID: PMC7470996.	Systematic review	PubMed , PubMed central	2020	First and corresponding author	Published
35	Tirupathi SP, Ragulakollu R, Reddy V. Single-visit Feeding Obturator Fabrication in Infants with Cleft Lip and Palate: A Case Series and Narrative Review of Literature. Int J Clin Pediatr Dent. 2020 Mar-Apr;13(2):186-191. Doi: 10.5005/jp-journals-10005-1723. PMID: 32742100; PMCID: PMC7366775.	Case series and Review	PubMed , PubMed central	2020	First and corresponding author	Published
36	Tirupathi SP, Rajasekhar S. Buffered versus unbuffered local anesthesia for inferior alveolar nerve block injections in children: a systematic review. J Dent Anesth Pain Med. 2020 Oct;20(5):271-279. Doi: 10.17245/jdapm.2020.20.5.271. Epub 2020 Oct 30. PMID: 33195805; PMCID: PMC7644362.	Systematic review	PubMed , PubMed central	2020	First and corresponding author	Published
37	Tirupathi SP, Rajasekhar S, Tummakomma P, Gangili AA, Khan ARA, Khurramuddin M, Purumandla U. Auto-controlled Syringe vs Insulin Syringe for Palatal Injections in Children: A Randomized Crossover Trial. J Contemp Dent Pract. 2020 Jun 1;21(6):604-608. PMID: 33025926	Original research	PubMed , PubMed central, Scopus	2020	First and corresponding author	Published
38	Tirupathi SP, Rajasekhar S. The effect of vibratory stimulus on pain perception during intraoral local anaesthesia administration in children: a systematic review and meta-analysis. J Dent Anesth Pain Med. 2020;20(6):357-365.doi:10.17245/jdapm.2020.20.6.357	Systematic review and Meta analysis	PubMed , PubMed central, Scopus	2020	First and corresponding author	Published
39	Reddy VK, Nagar P, Reddy S, Ragulakollu R, Tirupathi SP, Ravi R, Purumadla U. Bromelain vs Papain Gel for Caries Removal in Primary Teeth. J Contemp Dent Pract. 2019 Nov 1;20(11):1345-1349. PMID: 31892689.	Original research	PubMed , PubMed central, Scopus	2019	Corresponding and fifth author.	Published
40	Sunnypriyatham and Sivakumar nuvvula. Intraoral topical anaesthesia in pediatric dentistry: review. Int j pharm bio sci volume 7 issue 4, 2016 (october - december), pages:346-353 august 2009 – october 2011.	Review	Scopus	2019	First and corresponding author	Published
41	Tirupathi S, Svsg N, Rajasekhar S, Nuvvula S. Comparative cariostatic efficacy of a novel Nano-silver fluoride varnish with 38% silver diamine fluoridevarnish a double-blind randomized clinical trial. J Clin Exp Dent. 2019 Feb 1;11(2):e105-e112. Doi: 10.4317/jced.54995. PMID: 30805113; PMCID: PMC6383905	Original research	PubMed , PubMed central, Scopus.	2019	First and corresponding author	Published

42	Tirupathi SP , Krishna N, Rajasekhar S, Nuvvula S. Clinical Efficacy of Single-visit Pulpectomy over Multiple-visit Pulpectomy in Primary Teeth: A Systematic Review. Int J Clin Pediatr Dent. 2019 Sep-Oct;12(5):453-459. Doi: 10.5005/jp-journals-10005-1654. PMID: 32440053; PMCID: PMC7229364.	Systematic review	PubMed , PubMed central	2019	First and corresponding author	Published
43	Tirupathi S , Krishna N, Rajasekhar S, Nuvvula S. Eye Movement Distraction: A New Distraction Technique for Management of Dental Anxiety during Intraoral Local Anesthesia Administration in Children. Int J Clin Pediatr Dent. 2019 Nov-Dec;12(6):507-509. Doi: 10.5005/jp-journals-10005-1690. PMID: 32440064; PMCID: PMC7229387.	Original research	PubMed , PubMed central	2019	First and corresponding author	Published
44	SVSG Nirmala, Tirupathi SP . Rare combination of developing unerupted paramolar and distomolar in maxilla: a case report and review of literature. J interdiscipl med dent sci 2016. 4:201. DOI: 10.4172/2376-032X.1000201	Case report and Review	Non-PubMed Google scholar	2016	Second author	Published
45	Svsg nirmala, rk dasarraju, Tirupathi SP . Agenesis of second premolars in maxilla and mandible - a rare case report. Journal of biomedical sciences 2015;2(2):12-16	Case report	Non-PubMed Google scholar	2015	Fifth author	Published

Chapters in Textbooks Authored

I have authored a chapter in 5th edition of “*Text book of pediatric dentistry*” by Nikhil Marwah; Jaypee Publishers **Topic name: Local anaesthesia.**

Text Book Authored

Pre-emptive analgesia for primary tooth extractions in children. (Available in amazon)

Awards, Honors, and fellowship

1st Prize best paper award 38th Indian Society of Pedodontics and Preventive Dentistry National Conference Cochin, India.

Guest lectures

Keynote speaker for the guest lecture on the topic “**Publish and Flourish**” conducted as a part of IQAC initiative at **Mallareddy Institute of Dental Sciences, Hyderabad** on **17- March -2023.**

Professional Membership

Life member of Indian society of Pedodontics and Preventive Dentistry. **L-2306/22**

Conferences Attended

Sno	Name of Conference	Topic	Type	From	Till	Mode of Delivery
1.	KSHEMA STEMCON 2021	Advances in stem cell biology and clinical translation	National Conference	18-Dec-2021	19-Dec-2021	Online
2.	PDAA 2022	The 12th Biennial Congress of the Pediatric Dentistry Association of Asia	International Conference	22-April-2022	24-April-2022	Online

FDP/CDE Programme

Sno	Topic	Speaker	Type	Date	Mode of Delivery
1.	Child psychology - in Toto	Dr. Sharath Asokan	FDP	18/12/2021	Offline
2.	Sculpting horizons with composite	Dr. Madhupa Patil	FDP	20/07/2022	Offline
3.	Traumatic injuries and pulp therapy in pediatric dentistry	Dr. Virender Goyal	FDP	21/04/22-22/04/22	Online
4.	Pulpectomy	Dr. Vishwas Patil	FDP		Offline

Workshops/Hands-On/ Field Visit:

Sno	Name of Workshop	Topic	Type	From	Till	Mode of Delivery
1.	Basic workshop in health sciences education technology	Medical Education	Workshop	27/10/2021-	29/10/2021	Online
2.	Enhancing 3D competencies of medical scholars	3d-Printing	Workshop	29/11/2021	3/12/2021	Offline- Venue- School of mechanical engineering, MIT-WPU.
3.	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/ Technology transfer center.	Technology Transfer	Field Visit	29/07/2022	-	Offline- Venue- MIT Technology Business Incubation Centre Kothrud Pune

Copyrights applied

Sno	Topic	Status

1.	“SMART-NCR”: Non-excavation technique for carious primary teeth in children.	Sent to DPU-FIIE on 26/July/2022
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Patents Applied/under process:

Sno	Title	Type	Status
1.	Insta-Fix attachment for Crown and Bands	Design Patent	Sent to DPU-FIIE on 19/Jan/2022
2.	Cool-Vibe	Design Patent	Sent to DPU-FIIE on 11/April/2022
3.	Syringe Cover Mechanism	Design Patent	Yet to be submitted to DPU-FIIE

Staff Projects

Sno	Title of Staff project	Role	Applied on	Funding type	Status
1.	Effect of binaural audio-visual distraction aid in combination with nitrous oxide inhalation sedation (NIOS) on the behaviour during Local anaesthesia (LA) administration in children.	Co-Investigator	21/April/2021	DPU	On-going
2.	Evaluation of children preference among different types of syringes in paediatric dental setting.	Principal Investigator	25/March/2022	Self-Funded	Almost finished
3.	Comparative evaluation of efficacy of different intensities of vibratory and thermal stimulus in reducing injection pain and anxiety during local anaesthesia in Pediatric dental patients	Principal Investigator	25/March/2022	DPU	Awaiting for Funding
4.	Public Health Dentists’ knowledge and practice of “SMART” in adults: a questionnaire survey.	Co-Investigator	9/September/2022	DPU	On-going

