



Prof. Prakash Boominathan, PhD (Speech Language & Hearing Sciences)

Date of Birth: 14th Dec 1977

Sex: Male

Nationality: Indian

Languages Known to Speak, Read & Write: Tamil, Hindi & English

Languages Known to Speak: Kannada

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AD Scientific Index ID: 2004051

President- Elect (2023-24), Indian Speech Language & Hearing Association

I. Current Designation/Affiliation:

Professor and Principal,
Sri Ramachandra Faculty of Audiology & Speech Language Pathology,
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II. Rehabilitation Council of India (RCI) CRR No.: A05346

III. Educational Degree:

Ph.D. (Speech, Language, & Hearing Sciences), Sri Ramachandra University, Chennai (2008).

M.Sc. (Speech & Hearing), All India Institute of Speech and Hearing, University of Mysore, Mysore (2000). Recipient of two gold medals from University of Mysore for academic excellence.

B.Sc. (Speech & Hearing), All India Institute of Speech and Hearing, University of Mysore, Mysore (1998). Recipient of First Rank Certificate from University of Mysore.

IV. Additional Training:

Year 2005-06: Fulbright Research Fellowship, at University of Cincinnati, Ohio, USA

Year 2009: Stroboscopy & management of voice, Institute of Musician's Medicine, Freiburg, Germany

V. Primary Designation: Professor (Since Sep, 2010)

V.a. Additional Designation (Administrative):

Current: Principal (Since Dec 2022).

Past: Head of Faculty (Since June 2022), Head of Department (Since April, 2018).

V.b. Additional Designation (Academic):

Adjunct Faculty, University of Toronto (Since April, 2009).

V.c. Additional Designation (Clinical):

Senior Consultant, Sri Ramachandra Medical Centre (Since April, 2005).

VI. Research & Publication:

VI.a. Areas of Research Expertise:

Voice and its disorders, Professional voice, Stuttering, Speech Disorders, Speech/language/communication sciences.

VI.b. Projects:

VI.b.1. Funded: Extramural Research:

1. Co-investigator in "Deep learning-based voice disorder diagnosis using strobokymograms". Project proposal submitted to DST-SERB-SURE (Science and Engineering Research Board - State University Research Excellence) scheme, Department of Science and Technology, Govt. of India, **Sep 2022**. (Principal investigator: Prof. Pravin Kumar from SSN Engineering college, Chennai)

2. Co-investigator in “Development of speech-language and neurodevelopmental skills among preterm children: A prospective longitudinal study”, Department of Science and Technology, Govt. of India, **2016-2019**. (Principal investigator: Dr. Lakshmi Venkatesh, Co investigators: Roopa Nagarajan, Binu Ninan)
3. Principal investigator in “Ornaments in Carnatic singing”. Project during the Fulbright Research Fellowship at the Voice Performance Laboratory, University of Cincinnati, Ohio, USA – with Ronald C Scherer, Research Professor, Dept. of Otolaryngology, University of Cincinnati, USA), **2005-2006**.
4. Co-investigator in “Quantification of perceived nasality using Nasalance score in Tamil speaking population”. Smile Train Kay Grant - awarded by Kay Elemetrics, **2003- 2006**. (Principal investigator: Sunitha V Raman, Co-investigators: Roopa Nagarajan)

VI.b.2. Intramural funded

1. Principal investigator in “Clinical validation of a multi parametric approach to assessment of voice”, SRU- Gate project, **2009-2010**. (Co-investigators: John Samuel, A. Ravikumar & Roopa Nagarajan)

VI.b.3. Self-funded research leading to degree:

1. “Acoustic analysis of the singing voice of trained Carnatic singers, untrained light music singers and non-singers”. Doctoral thesis. Sri Ramachandra University, Chennai, **2002-2008**.
2. “Acoustic Measures in the Speech of Children with Stuttering and Normal Non-Fluency: A key to differential diagnosis”. Master’s Dissertation. All India Institute of Speech and Hearing, University of Mysore, **2000**.
3. “A Picture Speech Identification Test in Tamil for Children”. Master’s Independent Project. All India Institute of Speech and Hearing, University of Mysore, **1999**.

VI.c. List of Publications:

Total full-length research articles published in Scientific Peer Reviewed Journals/Proceedings: 72

VI.c. 1. Peer reviewed Publications in Journals (Corresponding author is underlined):

List of publications in the last 10 years

1. Venkatraman, Y., Mahalingam, S., & **Boominathan, P.** (2022). Development and Validation of Sentences in Tamil for Psychoacoustic Evaluation of Voice Using the Consensus Auditory-Perceptual Evaluation of Voice. *Journal of Speech, Language, and Hearing Research*, 65(12), 4539–4556. (Published online 12th Dec 2022) https://doi.org/10.1044/2022_jslhr-22-00169
2. Venkatraman, Y., Ganesan, S., Mahalingam, S., & **Boominathan, P.** (2022). An E-Survey of Current Voice Therapy Practices Amongst Speech Language Pathologists (SLPs) in India. *Indian Journal of Otolaryngology and Head & Neck Surgery*, 74(S2), 1902–1909. (Published online since 15th Jun 2020). <https://doi.org/10.1007/s12070-020-01910-0>

3. Dawson, G. P., Arunachalam, R., **Boominathan, P.**, & Yathiraj, A. (2022). Trends in Performance Using Early Speech Perception Test in Typically Developing Tamil-Speaking Children. *Journal of Audiology and Otology*, 26(4), 192–197. (Published online 11th July 2022) <https://doi.org/10.7874/jao.2021.00703>
4. Sresuganthi, J. R., Nallamuthu, A., & **Boominathan, P.** (2022). Comparison of Client-Led Asynchronous and Clinician-Led Synchronous Online Methods for Evaluation of Subjective Vocal Measures in Teachers: A Feasibility Study. *Journal of Voice*. (In press, available online since 28th May 2022). <https://doi.org/10.1016/j.jvoice.2022.04.015>
5. Prakash, P., **Boominathan, P.**, & Mahalingam, S. (2022). Acoustic Description of Bhramari Pranayama. *Indian Journal of Otolaryngology and Head & Neck Surgery*. (In press, available online since 07th Jan 2022). <https://doi.org/10.1007/s12070-021-03054-1>.
6. Mahalingam, S., Venkatraman, Y., & **Boominathan, P.** (2021). Cross-Cultural Adaptation and Validation of Consensus Auditory Perceptual Evaluation of Voice (CAPE-V): A Systematic Review. *Journal of Voice*. (In press, available online since 05th Dec 2021). <https://doi.org/10.1016/j.jvoice.2021.10.022>
7. **Boominathan, P.**, Mahalingam, S., Arunachalam, R., & Venkatesh, L. (2021). An eclectic Voice Therapy Program for the Treatment of Hyperfunctional Voice Disorders (HFVD). *Journal of Voice*. (In press, available online since 11th Jul 2021). <https://doi.org/10.1016/j.jvoice.2021.05.017>
8. Prathiba, D. G., Arunachalam, A. R., & **Boominathan, P.** (2021). Performance of a Closed Set Picture Identification Test in Tamil for Children with Cochlear Implant. *Indian Journal of Otolaryngology and Head & Neck Surgery*. (Published online 11th May 2021). <https://doi.org/10.1007/s12070-021-02611-y>
9. Seethapathy, J., **Boominathan, P.**, Uppunda, A. K., & Ninan, B. (2021). Distortion product otoacoustic emissions in very preterm infants: A longitudinal study. *International Journal of Pediatric Otorhinolaryngology*, 146, 110745. (Published online since 28th Apr 2021). <https://doi.org/10.1016/j.ijporl.2021.110745>
10. Nallamuthu, A., **Boominathan, P.**, Arunachalam, R., & Mariswamy, P. (2021). Outcomes of Vocal Hygiene Program in Facilitating Vocal Health in Female School Teachers with Voice Problems. *Journal of Voice*. (In press, available online since 10th Jan 2021). <https://doi.org/10.1016/j.jvoice.2020.12.041>
11. Mahalingam, S., **Boominathan, P.**, Arunachalam, R., Venkatesh, L., & Srinivas, S. (2021). Cepstral Measures to Analyze Vocal Fatigue in Individuals with Hyperfunctional Voice Disorder. *Journal of Voice*, 35(6), 815–821. (Published online since 14th Mar 2020). <https://doi.org/10.1016/j.jvoice.2020.02.007>
12. Srinivas, S., Mahalingam, S., & **Boominathan, P.** (2021). Cultural and Linguistic Adaptation of Vocal Fatigue Index for Tamil-Speaking Population (VFI-T). *Journal of Voice*, 35(4), 662.e1-662.e8. (Published online since 21st Feb 2021). <https://doi.org/10.1016/j.jvoice.2020.01.002>
13. Nallamuthu, A., **Boominathan, P.**, Arunachalam, R. & Mariswamy, P. (2020). A Peek into Contributing Factors and Impact of Voice Problems among Teachers in Chennai: A Bio Psychosocial Perspective. *Indian Journal of Public Health Research & Development*, 11(4), 21–26. <https://doi.org/10.37506/ijphrd.v11i4.4335>

14. Seethapathy, J., **Boominathan, P.**, Uppunda, A. K., & Ninan, B. (2019). Changes in Auditory Brainstem Response in very preterm and late preterm infants. *International Journal of Pediatric Otorhinolaryngology*, 121, 88–94. <https://doi.org/10.1016/j.ijporl.2019.03.008>
15. Krupa, M., **Boominathan, P.**, Sebastian, S., & Venkat Ramanan, P. (2019). Child-directed communication behaviours during mother-child interaction in children with autism spectrum disorder and typically developing children in south India. *Research in Autism Spectrum Disorders*, 67, 101423. <https://doi.org/10.1016/j.rasd.2019.101423>
16. Krishnan, B., **Boominathan, P.**, Mahalingam, S., Arunachalam, R., & Meerasa, S. (2019). Assessment of altered voice physiology in hypothyroidism. *National Journal of Physiology, Pharmacy and Pharmacology*, 9(8), 798–803. <https://doi.org/10.5455/njppp.2019.9.0518530052019>
17. Krupa, M., **Boominathan, P.**, Ramanan, P. V., & Sebastian, S. (2019). Relationship Between Screen Time and Mother-Child Reciprocal Interaction in Typically Developing Children and Children with Autism Spectrum Disorders. *The Indian Journal of Pediatrics*, 86(4), 394–394. <https://doi.org/10.1007/s12098-018-02844-w>
18. Beaula Vincy, V. K., Seethapathy, J., & **Boominathan, P.** (2019). Parental anxiety towards 'refer' results in newborn hearing screening (NHS) in south India: A hospital based study. *International Journal of Pediatric Otorhinolaryngology*, 116, 25–29. <https://doi.org/10.1016/j.ijporl.2018.10.021>
19. Sathyanarayan, M., **Boominathan, P.**, & Nallamuthu, A. (2019). Vocal Health Practices Among School Teachers: A Study From Chennai, India. *Journal of Voice*, 33(5), 812.e1-812.e7. <https://doi.org/10.1016/j.jvoice.2018.04.005>
20. Gunasekaran, N., **Boominathan, P.**, & Seethapathy, J. (2019). F₀ Characteristics of Newsreaders on Varied Emotional Texts in Tamil Language. *Journal of Voice*, 33(2), 255.e9-255.e17. <https://doi.org/10.1016/j.jvoice.2017.11.005>
21. Krupa, M., **Boominathan, P.**, Sebastian, S., & Venkat Ramanan, P. (2018). Assessment of Communication in Children with Autism Spectrum Disorder in South India: Influence of Environment. *Communication Disorders Quarterly*, 41(1), 34–41. <https://doi.org/10.1177/1525740118793978>
22. Seethapathy, J., **Boominathan, P.**, Uppunda, A. K., & Ninan, B. (2018). Auditory brainstem response in very preterm, moderately preterm and late preterm infants. *International Journal of Pediatric Otorhinolaryngology*, 111, 119–127. <https://doi.org/10.1016/j.ijporl.2018.06.006>
23. Ganesan, P., **Boominathan, P.**, Arunachalam, R., Mahalingam, S., & Vijayakumar, D. (2017). Gastroesophageal reflux disorder: Lifestyle, symptomatology, and voice profile. *Journal of Laryngology and Voice*, 7(1), 1–6. https://doi.org/10.4103/jlv.jlv_3_17
24. Sankar, A., Vaidyanathan, R., **Boominathan, P.**, & Rani, U. A. (2017). Pragmatic comprehension of different types of questions in Tamil. *Language in India*. 17(11), 1-17.
25. **Boominathan, P.** (2017). Expanding frontiers in voice health & care - Applications for India. *Journal of All India Institute of Speech and Hearing*. 35, 9-13.

26. Perumal, R. C., Vaidyanathan, R., **Boominathan, P.**, & Sreedevi, N. (2017). Phonological processes in typically developing Tamil speaking children. *Language in India*. 17(7), 312-327.
27. Mahalingam, S., & **Boominathan, P.** (2016). Effects of steam inhalation on voice quality-related acoustic measures. *The Laryngoscope*, 126(10), 2305–2309. <https://doi.org/10.1002/lary.25933>
28. Gunasekaran, N., **Boominathan, P.**, & Seethapathy, J. (2016). Voice Needs and Voice Demands of Professional Newsreaders in Southern India. *Journal of Voice*, 30(6), 756.e9-756.e20. <https://doi.org/10.1016/j.jvoice.2015.09.001>
29. Mahalingam, S., **Boominathan, P.**, & Subramaniyan, B. (2014). Voice Disorder Outcome Profile (V-DOP)—Translation and Validation in Tamil Language. *Journal of Voice*, 28(6), 841.e21-841.e32. <https://doi.org/10.1016/j.jvoice.2014.04.006>
30. Arunachalam, R., **Boominathan, P.**, & Mahalingam, S. (2014). Clinical Voice Analysis of Carnatic Singers. *Journal of Voice*, 28(1), 128.e1-128.e9. <https://doi.org/10.1016/j.jvoice.2013.08.003>
31. **Boominathan, P.**, Samuel, J., Arunachalam, R., Nagarajan, R., & Mahalingam, S. (2012). Multi Parametric Voice Assessment: Sri Ramachandra University Protocol. *Indian Journal of Otolaryngology and Head & Neck Surgery*, 66(S1), 246–251. <https://doi.org/10.1007/s12070-011-0460-y>
32. **Boominathan, P.**, & Desai, V. (2012). Synergy between speech language pathologists and ENT surgeons to promote patient care. *Journal of Laryngology and Voice*, 2(2), 51-52. <https://doi.org/10.4103/2230-9748.106977>
33. **Boominathan, P.**, Mahalingam, S., Samuel, J., Dinesh Babu, M., & Nallamuthu, A. (2012). Voice characteristics of elderly college teachers: A pilot study. *Journal of Laryngology and Voice*, 2(1), 21–25. <https://doi.org/10.4103/2230-9748.94729>
34. Nallamuthu, A., & **Boominathan, P.** (2011) Survey of voice related concerns in elderly college teachers. *Journal of All India Institute of Speech and Hearing*. 30, 1-8
35. Samuel, J., Mahalingam, S., Balasubramaniyam, S., **Boominathan, P.**, & Arunachalam, R. (2011). Stroboscopic and Multiparametric Acoustic Analysis of Voice after Vocal Loading Task. *International Journal of Phonosurgery & Laryngology*, 1(2), 47–51. <https://doi.org/10.5005/jp-journals-10023-1012>
36. Hariharan, S. V., **Boominathan, P.**, & Vasanth, S. (2011). Characterization and genetic model fitting in Tamil speaking individuals with stuttering. *Journal of Indian Speech Language and Hearing Association*. 25(1), 9-20.

VI.c. 2. Books/ Chapters/ Instructional/ Educational Videos: 08

1. **Boominathan, P.** “Voice therapy: Orientations, Principles and Techniques” (Chapter Under Review – Manipal University Press)
2. **Boominathan, P.** “Voice Disorders”. Chapter 11, Pgs 385- 409. Communication Disorders- Illustrated in ICF framework. Shirley G, Suja K Kunnath, Vinitha Mary George, Anne Varghese (Eds). NISH. 2020.
3. Murugesan, K. & **Boominathan, P.** “Assessment & management of communication skills in individuals with Intellectual Disability: Perspectives in the 21st Century”.

- Chapter 9, Pgs 158-188. Handbook of Research on Diagnosing, Treating, and Managing Intellectual Disabilities. R T Gopalan (Eds). IGI Global. 2016.
4. S A K Durga, **Boominathan P.** “Sharira Sadhana” – Instructional DVD. Swathi Soft Solutions, Chennai. 2010.
 5. **Boominathan P.** “Voice therapy for Singers and Teachers” - Instructional DVD. Swathi Soft Solutions, Chennai. 2010.
 6. **Boominathan P.** “Assessment of Elite Professional Voice - Singers” in Professional Voice: Assessment and Management. Chapter 3, 22-46. All India Institute of Speech & Hearing (AIISH), Mysore. 2010.
 7. **Boominathan P.** “Assessment of Professional Voice” in Voice: Assessment and Management. Chapter 5, 77-101. All India Institute of Speech & Hearing (AIISH), Mysore. 2008.
 8. **Boominathan P.** “Assessment of Fluency in Children” in Assessment and Management of Fluency Disorders, Chapter 1, 1-10. All India Institute of Speech & Hearing (AIISH), Mysore. 2007.

VI.c. 3. Manuscripts under preparation: 6

1. **Boominathan, P.,** Mahalingam, S., Venkatesh, L., & Arunachalam, R. “Comprehensive Voice Habilitation Program – a clinician instruction manual”. (Book – Manipal University Press)
2. Murali, S., **Boominathan, P.,** Mahalingam, S. Speech Intelligibility and Speech Naturalness while speaking with and without medical mask. *Journal of Occupational and Environmental Hygiene*. (Under review Dec 2022)
3. **Boominathan, P.** “Voice therapy: Orientations, Principles and Techniques” (Book Chapter – Manipal University Press, Under review Oct 2022)
4. **Boominathan, P.,** Nallamuthu, A., Murali, S., Sathyanarayan M. Practice of Home Remedies (‘Paati Vaidhyam’) for voice disorders among teachers. *Journal of Voice*
5. Srinivas, S., **Boominathan, P.,** Poovaraghavan, V., Mahalingam, S. A profile of self-perception of vocal fatigue in teachers using Vocal Fatigue Index. *Journal of Voice*
6. Srinivas, S., **Boominathan, P.,** Balasubramaniam, R.K., D.C. Mathangi., Murali, S. Identifying readiness and barriers to voice therapy in singers- a scoping review. *Journal of Voice*

VII. Research Guidance:

PhD Research: 20 (5 completed as Guide, 5 completed as Advisory member, 3 Ongoing as Guide & 7 Ongoing as Advisory member in Doctoral Committees)

PG Dissertation: 32

VII.a. 1. PhD Research Completed (As Guide/co-guide): 5

1. Speech perception abilities in Tamil speaking children with cochlear implants (Candidate name: Ms. Prathiba Dawson; University: Sri Ramachandra Institute of Higher Education and Research, Chennai) – as *Co-Guide* – (Synopsis submitted Dec 2022, Thesis under preparation).

2. A study to measure outcomes of voice therapy in facilitating vocal health in teachers with voice problems (Candidate name: Ms. Aishwarya Nallamuthu; University: Sri Ramachandra Institute of Higher Education and Research, Chennai) (under review Dec 2022)
3. A study on effects of vocal hygiene therapy and vocal training in individuals with hyperfunctional voice disorders. Candidate name: Ms. Shenbagavalli; University: Sri Ramachandra Institute of Higher Education and Research, Chennai – as Co- Guide – Nov 2021.
4. Auditory developmental responses in full term, late (including moderately preterm) and very preterm infants - A Comparative study. Candidate name: Ms. Jayashree S; University: Sri Ramachandra Institute of Higher Education and Research, Chennai – Apr 2021.
5. Sentence structure and pragmatic functions during mother-child interaction in typically developing children with Autism: A comparative study. Candidate name: Ms. M. Krupa; University: Sri Ramachandra Institute of Higher Education and Research –Jan 2020.

VII.a. 2. PhD Research Completed (As Member of Research Advisory Committee (PhD Thesis) / member of Doctoral Committee): 5

1. The efficacy of hearing aid technology for the management of tinnitus with sensory neural hearing loss (Candidate name: Ms. Porika Rajendra Kumar, SRM University, Chennai). Completed in 2021.
2. Research outcome in speech and hearing institutes in India (Candidate name: Mr. S Ramkumar; University: The Gandhigram Rural Institute – Deemed University, Dindigal). Completed in 2018.
3. Phonological development in typically developing Tamil speaking children. (Candidate name: Mr. RC Perumal; University: Sri Ramachandra Institute of Higher Education and Research, Chennai.). Completed in 2018.
4. Comprehension of interrogatives of pragmatics in typically developing Tamil speaking children. (Candidate name: Ms. Amudhu Sankar; University: Sri Ramachandra Institute of Higher Education and Research, Chennai). Completed in 2018.
5. Linguistic analysis of mono- and bi- lingual children with stuttering. (Candidate name: Ms. Sangeetha Mahesh, University of Mysore, Mysore). Completed in 2017.

VII.a. 3. PhD Research Ongoing- Under Guidance: 3

1. Objective parametrization of subjective stroboscopic ratings using video-strobokymography (Candidate name: Ms. Sri Ranjani V; University: Sri Ramachandra Institute of Higher Education and Research, Chennai) – as Guide – Aug 2022-28. Fulltime Scholar under Chancellor Research Fellowship- Funding Source: SRIHER (DU)
2. Construction and validation of a tool to assess readiness and barriers to voice therapy among school teachers (Candidate name: Ms. Sushmitha Murali; University: Sri Ramachandra Institute of Higher Education and Research, Chennai) – as Guide – Jan 2022-28. Fulltime Scholar under UGC Research Fellowship for persons with PwD- Funding Source: DEPwD
3. Development and validation of a scale to assess readiness and barriers to voice therapy among Indian singers (Candidate name: Ms. Sreya Srinivas; University: Sri

Ramachandra Institute of Higher Education and Research, Chennai) – as Guide – Aug 2021-27. Fulltime Scholar under Chancellor Research Fellowship- Funding Source: SRIHER (DU)

VII.a. 4. PhD Research Ongoing- Under Guidance: Member of Research Advisory Committee (PhD Thesis) / member of Doctoral Committee: 7

1. Portable voice health monitoring using wearable sensors and smart phone (Candidate name: Mr. S Mukesh, Centre for Research, Anna University, Sri Sivasubramaniya Nadar College of Engineering, Kalavakam, Tamil Nadu; Period: 2021-2027).
2. Automated measurements of vocal fold mechanics using kymographic analysis (Candidate name: Ms. Panchami B, Sivasubramaniya Nadar College of Engineering, Kalavakam, Tamil Nadu; Period: 2022-2028).
3. Efficacy of voice therapy interventions based on voice-ergonomics principles in voice disorders of professional voice users (Candidate name: Ms. U Navitha, SRM Deemed University; Period: 2021-2027)
4. Acoustical analysis of fluent and dysfluent utterances of the same sound in the speech of adults who stutter (Candidate Name: Lokeswar, Sri Devaraj Urs Academy of Higher Education & Research (DU), Kolar, Karnataka; Period: 2020-2026)
5. Changes in the Acoustical pattern of voice across the life span (Candidate name: Mr. Ambethkar, S. SRM Deemed University; Period: 2020-2026)
6. Study on auditory listening difficulties among mainstreamed children with HI using different hearing devices (Candidate name: Ms. Saumya Sundaram, Sri Ramachandra Institute of Higher Education and Research; Period: 2019-2025).
7. Speech language development among Tamil speaking pre-term children (Candidate name: Ms. Adhirai G.G, Sri Ramachandra Institute of Higher Education and Research; Period: 2017-2023).

VII.b. Research for Masters Dissertations in Speech Language Pathology submitted to Sri Ramachandra Deemed to be University: 32

1. Adaptation and Validation of EASE in Tamil (ongoing- expected submission Oct 2023) (Student name: Ms. Harshitha)
2. A scoping review on the impact of voice disorders on teachers in South Asian countries, **2022** (Student name: Ms. Sivaswetha)
3. Procedures and recording parameters for acoustic analysis of voice – scoping review, **2022** (Student name: Mr. Pranav Kumar)
4. A survey on the Indian SLP's knowledge and attitude towards complementary and alternative medicine (CAM) and its applications in the treatment of voice, **2021** (Student name: Ms. Suryakala G)
5. Speech Intelligibility and speech naturalness while speaking with and without medical mask, **2021** (Student name: Ms. Sushmitha Murali)
6. Acoustic analysis of Brahmari pranayama in yoga trainers, **2020** (Student name: Ms. Praveena J)
7. A profile of job satisfaction levels of speech language pathologists in Tamil Nadu, **2020** (Student name: Ms. Vaishnavi S)
8. A study to compare the effects of altered voice on vocal loading, **2019** (Student Name: Mr. Rajesh H)

9. Profiling vocal fatigue in teachers using Vocal Fatigue Index, **2018** (Student Name: Mr. Poovaraghavan V)
10. Frequency range measures in Carnatic singers, **2017** (Student Name: Ms. Madhumitha.V)
11. Application of Vocal fatigue Index (VFI) in Carnatic singers, **2017** (Student Name: Ms. Kalyani K.S)
12. The effect of steam inhalation on selected acoustic parameters of voice in normal subjects, **2016** (Student Name: Ms. Swaroopa S)
13. Common clinical practices of Speech Language Pathologists in India for evaluating voice disorders, **2015** (Student Name: Ms. Firdous Banu)
14. Vocal health practices among school teachers: A study from Chennai, **2015** (Student Name: Ms. Monica Satyanarayana)
15. Voice disorders in general population- data from a specialty clinic, **2014** (Student Name: Mr. Suman Ravi John)
16. Application of ICF in evaluating the impact of hyperfunctional voice disorders, **2013** (Student Name: Ms. Elizabeth Saju)
17. Voice need and speech characteristics of news readers, **2012** (Student Name: Ms. Nishanthi Gunasekaran)
18. A survey of vocal and non-vocal behaviors in Kindergarten children, **2011**. (Student Name: Ms. Omera Niyaz Zeenath)
19. Effect of breathing exercises in singing students, **2011**. (Student name: Ms. Kirthana Ganesh Babu)
20. Voice analysis of elderly college teachers, **2010**. (Student Name: Mr. Dinesh Babu, M V)
21. Survey of voice related health concerns in elderly college teachers, **2010**. (Student Name: Aishwarya Nallamuthu)
22. Acoustic analysis of Kampitha gamakam in Anandha bhairavi raagam, **2009**. (Student Name: Ms. Aparna Ramachandran)
23. Dysphonia Severity Index (DSI) and Voice Disorder Outcome Profile (V-DOP) – Do they relate? **2009**. (Student Name: Ms. M. Shenbagavalli)
24. Vocal function exercises (adapted) and breathing exercises in the practice regimen of trained Carnatic singers, **2008**. (Student Name: Ms. Shruthi Ravi)
25. Vocal loading test in normal Indian adult males, **2008**. (Student Name: Mr. G. Dinesh)
26. Symptomatology and voice profile of individuals with Gastro Esophageal Reflux Disorder (GERD), **2008**. (Student Name: Mr. G. Purushothaman)
27. Phenotypic and pedigree analysis of individuals with stuttering who speak Tamil, **2007**. (Student Name: Ms. Swetha Vasanth)
28. Efficacy of the training material on vocal hygiene in Tamil (teachers), **2007**. (Student Name: Ms. Malu Krishna)
29. Efficacy of the training material on vocal hygiene in English (teachers), **2007**. (Student Name: Ms. Remya Ravi)
30. A profile of vocal and non-vocal habits of Carnatic and Indian light music singers, **2006**. (Student Name: Ms. Sharadha Neelakantan)
31. Pulmonary function and glottal efficiency measures in trained Carnatic singers before and after singing, **2006**. (Student Name: Ms. Sharanya Krishnan)

32. Disfluencies in Tamil speaking children (3-4 years), **2006**. (Student Name: Ms. Paulene Shekinah)

VII.c. Presentations/invited talks/workshops/seminars: 162

1. Research Presentations in National and International Conferences: 34
2. Instructional courses for speech language pathologists and ENT doctors as Lead Faculty: 19
3. Invited Presentations/talks as Lead Faculty in areas of Voice Science & Disorders / Professional voice / Stuttering / Speech Science: 84
4. Voice health awareness related invited presentations/workshops on voice care and maintenance for professional voice users such as singers, teachers, lawyers, other voice users and students, etc: 25

VIII. Member/appointment in Committees:

Administrative/Academic responsibilities:

VIII.a. At SRIHER (DU): (Current)

1. Member, Academic Council (Since 2015)
2. Member, Board of Studies - Speech & Hearing (Since 2009)
3. Member, Board of Research Studies (Since 2022)
4. Chairman, PhD Mid-term review committee, Health Sciences Colleges (Since 2021)
5. Member, Faculty Promotions Committee – Health Science Colleges (Since 2018)
6. Member, Faculty Credentials Committee – Health Science Colleges (Since Oct 2011); Member Secretary since 2022.
7. Member, NABH –audit coordination for Speech & Hearing (Since 2020)
8. Member, Departmental Academic Integrity Panel – Sri Ramachandra Faculty of Allied Health Sciences (Since 2020)
9. AHS curriculum committee (Since 2018)
10. Member, Quality Cell (Q-Cell) (Since 2017)
11. Chairman, Safety and Utility control sub-committee (Since Aug 2015)
12. Member, Research Promotion Committee (Since 2019)
13. Member, Board of examiners for UG, PG & PhD programs in speech & Hearing (Since 2007)
14. Member, Students and Staff Grievance Redressal Committee (Nov 2011 - 2021)
15. Member, Publications Oversight Committee (Feb 2007-2022)

VIII.b. Other Administrative/Academic responsibilities outside SRIHER (DU): (Current)

1. Member of Expert Committee (Speech & Hearing) – Rehabilitation Council of India, Statutory Body under the Ministry of Social Justice and Empowerment- Department of Disability Affairs), Govt. of India. (Since 2014)
2. Member, Visiting Peer Team for inspection of Training Programs in India, National assessment & Accreditation Council (NAAC) – an autonomous unit of the University Grants Commission, Govt. of India. (Since 2013)
3. Chairman, Institutional Ethics Committee, Dr. SR Chandrasekhar Institute of Speech & Hearing, Bengaluru. (Since 2022)
4. Member, Advisory Board, Indian Voice Association. (Since 2009)
5. Member, Board of Studies (Speech and Hearing):
 - a) SRM Institute of Science & Technology Deemed University, Kattankulathur – Since 2011
 - b) Vinayaka Missions Deemed University, Salem – Since 2009
 - c) University of Mysore, Mysore – (2016 -2020)
 - d) University of Calicut, Calicut – 2010-2013
6. Examiner: PhD thesis adjudication/ PhD entrance test/interviews
 - a) Mysore University, Mysore
 - b) Manipal Academy of Higher Education (Deemed University), Manipal
 - c) The West Bengal Health Sciences University, Kolkata
 - d) Osmania University, Hyderabad
7. Examiner for Masters/Bachelors program in Speech Language Pathology course
 - a) Sri Ramachandra Deemed University, Chennai
 - b) University of Mysore, Mysore
 - c) Bangalore University, Bangalore
 - d) Maharashtra University of Health Sciences, Nashik
 - e) The Tamil Nadu Dr. MGR Medical University, Chennai
 - f) Manipal Academy of Higher Education (Deemed University), Manipal
 - g) Kasturba Medical College, Mangalore
 - h) Vinayaka Mission Research Institute (Deemed University), Salem
 - i) Kerala University, Trivandrum
 - j) Bharati Vidyapeeth Deemed University, Pune
 - k) Kerala Institute of Health Sciences, Trissur
 - l) The West Bengal Health Sciences University, Kolkata
 - m) Guru Gobind Singh Indraprastha University, Delhi
 - n) Baba Farid University of Health Sciences, Faridkot
8. Co-ordinator/ Member of academic courses/ activities:
 - a) Co-ordinator, Certificate Course on “Voice Care and Conservation” (Joint Initiative between Department of Speech, Language and Hearing Sciences, Sri Ramachandra University & Department of Indian Music, University of Madras) (Since April 2008-10).
 - b) Chairman, Scientific committee- Sri Ramachandra voice update (bi-annual event), Sri Ramachandra University (Since 2009 – till date)
9. India Pivot – World Voice Day (www.world-voice-day.org)
10. Member of Editorial Board, Editor, Guest Editor, Reviewer:
 - a) Member of Editorial board, Journal of Voice, Since 2021
 - b) Member, Editorial Board, Journal of Laryngology & Voice, Since 2010.

- c) Guest Editor, Journal of All India Institute of Speech and Hearing (JAIISH), 2010-2016.
- d) Reviewer Annals of Otology, Rhinology and Laryngology
- e) Reviewer, Bio medical signal processing & Control
- f) Reviewer, Journal of Indian Speech Language and Hearing Association.
- g) Reviewer, Journal of Acoustical Society of India.
- h) Reviewer, ACTA Oto laryngology
- i) Reviewer, Indian Journal of Science and Technology
- j) Reviewer, Sri Ramachandra Journal of Medicine
- k) Reviewer, International journal of Phonosurgery
- l) Section editor in Global Health academic journal – speech and swallow
- m) Coordinator for the scientific papers in Speech Pathology of ISHACON 2010, 2011, 2012
- n) Editor-in- Chief, Spectrum, the Newsletter of the Sri Ramachandra Speech and Hearing Alumni Association (2009-13).
- o) Member of Editorial Board, The Bridges: Newsletter of Sri Ramachandra University (*Since September 2008*).
- p) Reviewer for poster sessions at the Voice Foundation Symposium, Philadelphia, USA (May 2007, 2009).
- q) Reviewer for the scientific papers in Speech Pathology of ISHACON since 2003.

VIII.c. Professional Experience - outside SRIHER(DU): (in the past)

1. Member of Faculty Selection Committee (Manipal University, SRM Deemed University, AYJNISHD- Min of Social Justice and Empowerment, Mumbai)
2. Chairman, Committee on Educational Standards and Ethics, Indian Speech & Hearing Association (2014 – 2017).
3. Honorary Treasurer, Indian Speech & Hearing Association (2011 – 2014).
4. Executive committee member, Indian Speech & Hearing Association (2009 – 2011).
5. Executive committee member (ad hoc), Indian Speech & Hearing Association (2009).
6. Member, Sub Committee for drafting Syllabus of B. ASLP (undergraduate course in Speech and Hearing) of The Rehabilitation Council of India, Statutory Body under the Ministry of Social Justice and Empowerment- Department of Disability Affairs), Govt. of India. (2014)
7. Coordinator, Scientific session ISHACON 2013.
8. President, Sri Ramachandra Speech and Hearing Alumni Association (SRSHAA), (2013-2015).
9. Treasurer, Sri Ramachandra Speech and Hearing Alumni Association (SRSHAA), (2010-2011).
10. Joint Secretary of the Organizing Committee of the ISHACON 2003 (National Convention of the Indian Speech and Hearing Association).
11. Co-Chair for the Technical session on “Speech Pathology” of ISHACON 2003.
12. Treasurer of the Madras Chapter of the Indian Speech and Hearing Association (2003-2010).

13. Member of the Technical sessions “Speech Communication” of the Madras India Regional Chapter of the Acoustical Society of America (2001-2003).

IX. Awards & Recognitions:

IX.a. Peer/Professional Recognition:

1. **Dr. N Rathna Oration Award (2023)** in recognition of Exemplary Services in the field of Speech Language Pathology. Awarded by the Indian Speech -Language and Hearing Association at its 54th National Convention at New Delhi on 17th Feb 2023.
2. **President-Elect (2023-24)** of the Indian Speech Language & Hearing Association.
3. **“Excellence in teaching award” (2019)** by Sri Ramachandra Institute of Higher Education & Research (Deemed to be University), Chennai.

IX.b. International Fellowship:

1. **Year 2005-06:** Fulbright Junior Research Fellowship, at University of Cincinnati, Ohio, USA

IX.c. Education/academic awards:

1. **Year 2001:**
 - a) “Arati Venkatraman Memorial Gold Medal” for securing the First rank in the University examination 2000, awarded by the University of Mysore.
 - b) “Dr. P.D. Manohar endowment gold medal” for securing the highest marks in speech pathology in the University examination 2000, awarded by the University of Mysore.
2. **Year 2000:** “Abhilasha Award for the best student clinician, 1999-2000” awarded by the All India Institute of Speech and Hearing, Mysore.
3. **Year 1995-2000:** “Merit Scholarships” awarded by AIISH for securing I Rank in the University exams in B.Sc. & M.Sc. (Speech and Hearing).
4. **Year 1999:** “Rank Certificate” for securing the First rank in the B.Sc. (Speech and Hearing), awarded by the University of Mysore.

IX.d. University awards and service recognitions:

1. “20 years of dedicated and continuous service medallion” (2020)
2. “10 years of dedicated and continuous service medallion” (2010)

IX.e. Scientific Forums:

1. **Year 2014:** “Best Paper Award – Speech Acoustics”, National Symposium on Acoustics, Mysore awarded by the Acoustical society of India.
2. **Year 2013:** “Dr. M. Raghunath award for the Best Paper in Speech language”, ISHACON 2013, Chennai awarded by the Indian Speech and Hearing Association.
3. **Year 2011:** “Muktesh award for the Best Paper in Speech”, ISHACON 2011, Calcutta awarded by the Indian Speech and Hearing Association.
4. **Year 2010:** “Muktesh award for the Best Paper in Speech”, ISHACON 2010, Bangalore awarded by the Indian Speech and Hearing Association.
5. **Year 2009:** “Dr. Abrol’s award for the Best Paper in Voice”, ISHACON 2009, Pune awarded by the Indian Speech and Hearing Association.
6. **Year 2005:** “Dr. Raghunathan Memorial Award for the Best Poster Presentation in Speech Pathology”, ISHACON 2005, Indore, awarded by the Indian Speech and Hearing Association.
7. **Year 2004:** “Dr. Raghunathan Memorial Award for the Best Poster Presentation in Speech Pathology”, ISHACON 2004, Mysore, awarded by the Indian Speech and Hearing Association.
8. **Year 2003:** “Dr. Abrol’s award for the Best Paper in Voice”, ISHACON 2003, Chennai awarded by the Indian Speech and Hearing Association.
9. **Year 1999:** “Outstanding Presentation of the Scientific Paper” at the V Technical session of the Madras India Regional Chapter of the Acoustical Society of America, Chennai.
10. **Year 1998:** “Manohar Memorial Young scientist award” for the best paper in speech pathology, ISHACON 30, Puri, awarded by the Indian Speech and Hearing Association.

IX.f. Scientific Forums: Awards to the team:

1. **Year 2019:** “First prize” NEOCORE 2019, JIPMER, Pondicherry awarded by the NEOCORE 2019 (Ms. Adhirai GG and team)
2. **Year 2016:** “1st prize in Language (oral)– 6th Tamil Nadu Indian Speech & Hearing Association Conference 2016, Pudhucherry awarded by the Tamil Nadu Indian Speech & Hearing Association Conference 2016. (Ms. Jayashree S and team)
3. **Year 2016:** “1st prize in Speech (oral) – 6th Tamil Nadu Indian Speech & Hearing Association Conference 2016, Pudhucherry awarded by the Tamil Nadu Indian Speech & Hearing Association Conference 2016. (Ms. Amudhu and team)

X. Life memberships:

1. Life member of the Indian Speech and Hearing Association (No. L-11040521).
2. Life Member of Indian Voice Association (No. 222).
3. Life member of the Tamil Nadu chapter of the Indian Speech and Hearing Association (TAN-ISHA).

4. Life member of the Madras India Regional Chapter of the Acoustical Society of America.
5. Life member of AIISH Alumni Association.
6. Life member of Sri Ramachandra Speech & Hearing Alumni Association (SRSHAA).