

Name: Prof. Roopa Nagarajan

Degree:

M.S. (Speech Pathology & Audiology), University of Hawaii, USA 1985

M.Sc. (Speech & Hearing), All India Institute of Speech and Hearing, University of Mysore 1980

Rehabilitation council of India (RCI) CRR no: A05364

Designation:

Academic Officer

Professor and Course Chairperson - Department of Speech Language & Hearing Sciences

Visiting Professor: Adjunct Lecturer – University of Toronto, Canada

Areas of Research Interest:

Community Based Rehabilitation Workers, Communication development in children, Cleft lip and Palate, Tele-practice, Aural Rehabilitation

Grants/Patents

Extramural

Research

1. 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**. Rs. 32,00,000 Principal investigator: Lakshmi Venkatesh, Co investigators: Binu Ninan, Prakash Boominathan
2. Co-Investigator in “New Born Hearing Screening using Tele-Audiology – A quasi Experimental Study” Indian Council of Medical Research – India, **2011 to 2013**. Rs. 26,00,000/- Principal Investigator – Selva Kumar, Co-Investigator – Vidya Ramkumar

Service

1. Co-Investigator in “Comprehensive Management of communication disorders in Individuals with Cleft Lip and Palate” Transforming Faces, Canada, **2015-2017**. Phase IV Canadian \$ 1, 23,774 (Rs.68, 90,512). Principal Investigator – B. Subramaniyan
2. Co-Investigator in “Comprehensive Management of communication disorders in Individuals with Cleft Lip and Palate” Transforming Faces, Canada, **2014** – Interim project, Canadian \$ 24,000 (Rs.13, 41,802). Principal Investigator – B. Subramaniyan

3. Principal Investigator in “Implementation of E-Technology for the management of community based projects” Transforming Faces, Canada, **2014**. Canadian \$ 10,000 (Rs.5,45,793). Co-Investigator – B. Subramaniyan, Vidya Ramkumar
4. Co-Investigator in “Comprehensive Management of Individuals with Cleft Lip and Palate” Transforming Faces, Canada, **2011-2013**. Phase III Canadian \$ 1, 20,000 (Rs.58, 00,000). Principal Investigator – B. Subramaniyan
5. Principal Investigator in “E-technology for the management of projects for Individuals with communication disorders in rural areas (EMPOWER)” Mahindra & Mahindra – Spark the Rise, Mumbai, **2013**. Rs. 4,00,000 Co-Investigator - B. Subramaniyan, Vidya Ramkumar
6. Principal Investigator in “Comprehensive Management of Individuals with Cleft Lip and Palate” Transforming Faces Worldwide, Canada, **2008-2010**. Phase II Canadian \$ 90,000 (Rs.28, 00,000). Co-Investigator – B. Subramaniyan
7. Principal Investigator in “Comprehensive Management of Individuals with Cleft Lip and Palate” Transforming Faces Worldwide, Canada, **2005-2007**. Phase I Canadian \$ 50,000 (Rs.20, 00,000). Project Co-Investigator – B.Subramaniyan

Training grant

1. Principal Investigator in “Sri Ramachandra University Smile Train Cleft Speech Training Initiative (SRUSTI)” funded by Smile train USA, **2008-2012** USD 1,85,000 (Rs. 1, 15,85, 217) Co-Investigator –Savitha V.H

Intramural

Research

1. Co-Investigator in “Efficacy of caregiver/teacher administered remedial program for the management of children with auditory processing disorder” (2013-2014) Rs. 85,000/- Principal Investigator – Muthuselvi T, Co-investigators – Jayashree S

Awards:

1. Dr. Rathna Oration Award at the 39th Indian Speech and Hearing Association Conference on 20th January 2007 Calicut.

2. “Empower E-technology for Management of Projects for persons with communication disorders in rural areas” – Mahindra Spark the Rise Round 6 Winner. Mumbai, April 2012
3. Founders Oration- Speech services in cleft teams in India: Different from the rest of the world? at 14th Indian Society of Cleft lip and palate and Craniofacial anomalies , Indocleftcon 2015 Goa.

Best Paper awards:

1. **Year 2016:**
Best Poster Award at 15th Indian Society of Cleft Lip Palate and Craniofacial Anomalies, Indocleftcon2016, Chandigarh 2016
Best Poster Award at 15th Indian Society of Cleft Lip Palate and Craniofacial Anomalies, Indocleftcon2016, Chandigarh 2016
2. **Year 2015:** Best Poster Award at “Sound hearing 2015, February 2015
3. **Year2014:** Best Paper Award at TELEMEDICON 2014, AIIMS Bhopal, November 2014
4. **Year 2013:**
“Dr. Muktesh award for the best paper in Audiology” at 45th National Conference of the Indian Speech & Hearing Association, 31st January - 03rd February 2013
“SVV Dayalan Sameul award for the best paper in Audiology” at 45th National Conference of the Indian Speech & Hearing Association, 31st January - 03rd February 2013
5. **Year2012:** Best Paper Award at TELEMEDICON 2012, Coimbatore, Tamilnadu, November 2012
6. **Year 2010:** Best Poster Award at ISAM, Bhubaneswar 2010.
7. **Year 2007:** “Dr. Ragunathan Memorial Award for the best poster in Speech Pathology” at 40th National Conference of the Indian Speech & Hearing Association, in Jan 2007 at Calicut
8. **Year 2008:** Dr. N.R. Choudhery Memorial Award for best poster in Audiology at 38th National Conference of the Indian Speech & Hearing Association, in Feb 2006 at Ahmedabad.

Workshops and Training Undergone (Skill workshops, certificate programs, etc):

1. Dangerous Decibels Educator Training Program – Dangerous Decibels Educator at National University of Singapore, July 2016
2. NEN Certification program at Sri Ramachandra University, 2010

Membership in Committees:

International

International Cleft Congress 2017

1. Organizing Secretary of 13th International Cleft Congress to be held at Mahabalipuram, Chennai 8th to 11th February 2017
2. Smile Train speech working group 2013

National

Professional

1. Member, Expert committee of Hearing Impairment & Speech and Hearing (2003- 2013)
2. Visiting Expert for BASLP, MASLP and Special Ed.(Hearing impairment) programs
3. Member, RCI Committee to review postgraduate specialization program at All India institute of speech and hearing, Mysore (2005 - 2006)
4. Convener, RCI Subcommittee for Development of Norms of Internship program (2003)
5. President (2008-2009) - Indian Speech and Hearing Association
6. Member Executive committee (2003-2005), (2007-2010) - Indian Speech and Hearing Association
7. Chairperson, Scientific Session Committee, 35th, 36th and 37th Conference of the Indian Speech and Hearing Association (2003 -2005)
8. President (2010-2011) - Indian Society for Cleft and Craniofacial Anomalies
9. Vice president (2009-2010) - Indian Society for Cleft and Craniofacial Anomalies
10. Member, Executive Council (2006 -2011) - Indian Society for Cleft and Craniofacial Anomalies
11. Vice president, organizing committee for Asia Pacific Cleft Palate Conference (2006-2007)
12. President, (2002 – 2003) - Tamilnadu Indian speech and Hearing Association

Academic

1. Member, Governing Council, SAMVAAD Institute of Speech and Hearing, Bangalore (2005–2010)
2. Member, Academic committee of Ali Yavar Jung National Institute of Hearing Handicapped, Mumbai. (2010 to 2013)
3. Member, Academic committee of National Institute for Empowerment of Persons with Multiple Disabilities, Chennai (NIPMED) (2015)
4. Occupational Health and Safety, Sri Ramachandra University, Chennai (2003- 2006)
- Chairperson, Board of Examination, University of Bangalore, Post-Graduate Early Intervention

University

1. Chairman, Board of Studies, Speech, Language and Hearing Sciences, Sri Ramachandra University (1998–to date)
2. Member, Internal Quality Assurance Committee
3. Advisor, Women’s advancement cell
4. Ex- officio Member, Education unit, Health Science colleges
5. Member, Grievance Committee
6. Advisor, Vidyasudha
7. Member, Academic Senate, Sri Ramachandra University (2004- 2006)

Membership to professional bodies:

International

1. Member, East West Center Association
2. International affiliate American Speech and Hearing Association, U.S.A

National

1. Life member, Indian Speech and Hearing Association
2. Life member, Tamilnadu Indian Speech and Hearing Association
3. Life member, Indian Society of Cleft Lip and Palate & Craniofacial Anomalies
4. Life member, All India Institute of Speech and Hearing Alumni Association

Editorial contributions

Editor, Journal of Indian Speech and Hearing Association, (2003- 2006)

Publications

1. Shunmugam, S., Subramaniyan, B., **Nagarajan, R.**, & Hariharan, S. V. (2017). Effectiveness of a training program for community-based resource workers on cleft lip and palate and cleft speech. *Journal of Cleft Lip Palate and Craniofacial Anomalies*, 4(2), 138.
2. Reddy, S. R. M., Subramaniyan, B., & **Nagarajan, R.** (2017). Studying the impact of cleft of lip and palate among adults using the international classification of functioning, disability and health framework. *Journal of Cleft Lip Palate and Craniofacial Anomalies*, 4(2), 125.
3. Monica, S. D., Ramkumar, V., Krumm, M., Raman, N., **Nagarajan, R.**, & Venkatesh, L. (2017). School entry level tele-hearing screening in a town in South India—Lessons learnt. *International Journal of Pediatric Otorhinolaryngology*, 92, 130-135.
4. Thomas, B., Balasubramaniyan, S., Savitha, V.H., & **Nagarajan, R.** (2017). Acoustic analysis of glottal stops in Tamil-speaking children with cleft lip and palate. *Language in India*. 17(5), 455-467.
5. Ramkumar V, Selvakumar K, Vanaja CS, Hall JW, **Nagarajan R**, Neethi J. Parents ' perceptions of tele-audiological testing in a rural hearing screening program in South India. *International Journal of Pediatric Otorhinolaryngology*. 2016; 89:60–6. Impact Factor: 1.316
6. Antony RM, **Nagarajan R**, Hariharan SV, Balasubramaniyan S. Development and validation of a resource material on principles of speech therapy for individuals with cleft lip and palate: A short video film in Tamil. *Journal of Cleft Lip Palate and Craniofacial Anomalies*. 2016 Jan 1;3(1):14.

7. Sreedhanya PK, Hariharan SV, **Nagarajan R**. Early language development and phonetic repertoire in children with unrepaired cleft lip and palate: A preliminary study. *Journal of Cleft Lip Palate and Craniofacial Anomalies*. 2015 Jan 1;2(1):34.
8. Narayansamy M, Ramkumar V, **Nagarajan R**. Knowledge and Beliefs about Ear and Hearing Health Among Mothers of Young Children in a Rural Community in South India. *Disabil CBR Inclusive Dev J*. 2014;25(4):119–35.
9. Rajendran A, Ramkumar V, **Nagarajan R**. Perception of “mothers of beneficiaries” regarding a rural community based hearing screening service. *Int J Pediatr Otorhinolaryngol*. 2014;78(12):2083–8.
10. Ramkumar V, **Nagarajan R**, Kumaravelu S, Hall WJ. Providing Tele ABR in Rural India Brief Description of the Teleaudiology Program. *SIG 18 Perspect Telepractice*. 4:30–6.
11. Boominathan P, Samuel J, Arunachalam R, **Nagarajan R**, Mahalingam S. Multi parametric voice assessment: Sri Ramachandra University protocol. *Indian Journal of Otolaryngology and Head & Neck Surgery*. 2014 Jan 1;66(1):246-51.
12. Selvarajan HG, Arunachalam RK, Bellur R, Mandke K, **Nagarajan R**. Association of family history and consanguinity with permanent hearing impairment. *Indian Journal of Otology*. 2013 Apr 1;19(2):62.
13. Ramkumar V, Hall JW, **Nagarajan R**, Shankarnarayan VC, Kumaravelu S. Tele-ABR using a satellite connection in a mobile van for newborn hearing testing. *Journal of telemedicine and telecare*. 2013 Jul 1;19(5):233-7.
14. **Nagarajan R**, Savitha VH, Subramaniyan B. Communication disorders in Individuals with Cleft lip and Palate: An Overview. *Indian Journal of Plastic Surgery*. 2009;42:137-143.
15. Boominathan P, Rajendran A, **Nagarajan R**, Seethapathy J, Ganasekar M. Vocal abuse and vocal hygiene practices among different level professional voice users in India : A survey. *Asia Pacific journal of Speech, Language and Hearing*. 2008,11(1):47-53.
16. Boominathan P, Chandrasekar D, **Nagarajan R**, Madraswala Z, Raja A. Vocal hygiene awareness program for professional voice users (Teachers) : An Evaluative study from Chennai. *Asia Pacific journal of Speech, Language and Hearing*. 2008,11(1):39-45.
17. **Nagarajn R**, Janet D, Balakuthalingam P & Ninan B. Establishment and evaluation of new both hearing screening program at a corporate hospital. *Journal of Indian Speech and Hearing Association*.2008,22:17-24.

Books/Chapters/Instructional/Educational Videos

1. Manual for “Controlled Speech Stimuli – Tamil, Malayalam and Hindi for assessment of articulation in individuals with cleft lip and palate” supported by SRUSTI, November 2012
2. Sell D, **Nagarajan R**, Wickenden M: Cleft Palate Speech in the Majority World: Models of Intervention and Speech Outcomes in Diverse Cultural and Language Contexts, Cleft Palate Speech: Assessment and Intervention. Wiley – Blackwell, Ltd, Publications, 2011, Pages 105-119
3. CD was developed under the titled: “Development of a short video film in Tamil on principles of speech therapy for individuals with cleft lip and palate” at Sri Ramachandra University, May 2010