**RESEARCH ACCOMPLISHMENTS**

The institute promotes research related to communication and its disorders. Special emphasis is given to clinically relevant applied research on causes, control and prevention of communication disorders, assessment and treatment issues as well as the testing and refinement of new technologies for the speech and hearing impairment. Major research activities carried out at the institute during the reporting year are given below.

**Funded Research Projects**

The research projects include extramural and those funded by the institute from the AIISH Research Fund. Extramural research projects were funded by the Government of India funding agencies, the Department of Science and Technology (DST), Department of Bio Technology (DBT), Indian Council of Medical Research (ICMR) and the University Grants Commission (UGC), New Delhi.

**Completed Research Projects**

Twenty four research projects worth were successfully completed during the reporting year. Of these, five projects worth Rs. were funded by DST and ICMR and the remaining by the institute. The details are given below:

Externally Funded Research

1. Development of Speech Rhythm (Fo) in Kannada Speaking Children. Investigators: Dr. S. R. Savithri, Dr. N. Sreedevi. Funding: Department of Science and Technology. Amount: Rs. 30.14 lakhs
2. The central alexias and agraphias in semi-syllabic orthography. Investigators: Mr. Gopee Krishnan, Ms. ShivaniTiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. Funding: Department of Science and Technology. Amount: Rs. 27.00 lakhs
3. Reading-related Eye movements in semi-syllabic and alphabetic orthographies. Investigators: Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. Funding: Department of Science and Technology. Amount: Rs. 46.17 lakhs

AIISH Funded Research

1. Development of Toy Usage Index for Children with Developmental Disabilities. *Investigators*: Dr. S. Venkatesan, Mr. Yashodhara Kumar G.Y. *Funding*: AIISH Research Fund. *Amount*: Rs. 3.01 lakhs.
2. Morphosyntactic Processing in Dyslexia: Application of an ERP Measure. *Investigators*: Dr. Jayashree C. Shanbal, Ms. Mamatha N.M., Mr. Gopi Sankar R. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.03 lakhs.
3. Stories of Aphasia: Exploring paths to recovery in India. *Investigators*: Dr. S.P. Goswami, Dr. Julie A. Hengst, Ms. Sonal V. Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi, Ms. Pinky Singh, *Funding*: AIISH Research Fund. *Amount*: Rs. 11.99 lakhs.
4. Computerized intervention module and school readiness test for preschoolers.  *Investigators*: Mr. N. Manohar, Mrs. C. Renuka, Dr. N. Swapna. *Funding*: AIISH Research Fund. *Amount*: Rs. 2.75 lakhs.
5. Development and Standardization of an Oral Sensorimotor Evaluation Protocol for Children (OSEP-C). *Investigators*: Dr. N. Swapna *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
6. Effect of auditory deprivation on some aspects of temporal processing and speech perception abilities. *Investigators*: Dr. M. Sandeep, Ms. Chandni Jain *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs
7. Within and across temporal resolution abilities in individuals with normal hearing, sensorineural hearing loss and auditory neuropathy spectrum disorders. *Investigators*: Kishore Tanniru, Dr. Animesh Barman *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs
8. Noise Mapping of Mysuru City. *Investigators*: Mr. Sreeraj K., Ms. Suma Chatni *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
9. Neural correlates of perceptual learning of non-native speech sound contrast learning. *Investigators*: Dr. Ajith Kumar U., Dr. Santosh M..*Funding*: AIISH Research Fund. *Amount*: Rs. 6.33 lakhs.
10. Factors affecting cocktail-party listening in normal hearing listeners. *Investigators*: Ms. Chandni Jain*,* Mr. Vikas M.D.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
11. Sequel of Auditory Dys-synchrony on Speech Production. *Investigators*: Ms. Priya M.B., Dr. M. Sandeep *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
12. Bithermal caloric test and video impulse test for the assessment of unilateral vestibular pathologies. *Investigators*: Mr. Niraj Kumar Singh,Dr. Rajeshwari G.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
13. Adaptation and Validation of Vocal Fatigue Index (VFI) in Kannada. *Investigators*: Mr. R. Rajasudhakar *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
14. Effect of Noise and Noise Reduction Technique on Speaker Identification. *Investigators*: Dr. Hema N.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
15. Effectiveness of SNR-50 and SNR Loss in hearing aid evaluation. *Investigators*: Dr. P. Manjula, Ms. Megha *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
16. Relationship between Envelop Difference Index (EDI) and Speech Perception with Noise Reduction Strategies in Hearing Aids. *Investigators*: Ms. Geetha C., Dr. Hemanth N. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
17. Development and Standardization of Questionnaire to Assess the Outcome in Adult Hearing Aid Users. *Investigators*: Dr. K. Rajalakshmi, Ms. Mamatha N.M., Dr. Ramadevi Sreenivas K.J. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.33 lakhs.
18. Effect of Canal Widening (Type I Tympanoplasty) on Hearing Sensitivity. *Investigators*: Dr. T.K. Prakash, Dr. H. Sundara Raju, Ms. Devi N. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.99 lakhs.
19. Genetic insights of cerebral palsy using massively parallel sequencing. *Investigators*: Dr. N. Sreedevi, Dr. N. Swapna, Dr. Srinivas Kovalli *Funding*: AIISH Research Fund. *Amount*: Rs. 6.31 lakhs.
20. Computerized Auditory Training for Kannada Speaking Children with Hearing Impairment. *Investigators*: Mr. Manohar N., Mrs. Revathi K.R., Mr. Prashanth Prabhu P., Mr. Raghavendra G.N. *Funding*: AIISH Research Fund. *Amount*: Rs. 3.31 lakhs.
21. Disability Evaluation in Mental Retardation using WHODAS 2.0 in a Clinical Setting. *Investigators*: Mr. Freddy Antony, Mr. Sanjeev Kumar Gupta *Funding*: AIISH Research Fund. *Amount*: Rs. 3.25 lakhs

**Ongoing Projects**

Twenty eight research projects worth Rs. lakhs were ongoing in diferent departments of the Institute during the reporting year. Of these, one project worth Rs. 115 was plan funded, seven projects worth Rs. were funded by DST, UGC and ICMR, and the remaining twenty projects by the institute.The details are given below.

Plan Funded Research



Extrenally Funded Research

1. FMRI & ERP evidence for improvement in Audio-Visual integration in individuals with ANSD post speech reading training. Investigators: Dr. Arun Kumar Gupta, NIMHANS, Dr. K Rajalakshmi, AIISH. Funding: Department of Science and Technology. Amount: Rs. 51.00 lakhs
2. Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss. Investigators: Dr. Sandeep M. Funding: Department of Science and Technology. Amount: Rs. 69.00 lakhs
3. Efficacy of computer based training module on auditory and cognitive skills in children with central auditory processing disorders. Investigators: Prawin Kumar, Dr. Niraj Kumar. Funding: Department of Science and Technology. Amount Rs. 31.00 lakhs.
4. NASOSPEECH: Development of Diagnostic system for Severity Assessment of the Disordered Speech. Investigators: Dr. Ajish K Abraham, Dr. Pushpavathi, Dr. H.S. Sathish. Funding: Department of Biotechnology. Amount: Rs. 59.69 lakhs.
5. “Feedback control in individuals with stuttering” – Funds Under DST– On going
6. Association of psychosocial and communicative behaviour related to genes in children with ASD in an Indian population. Investigators: Dr. Shyamala. K.C. Funding: ICMR. Amount: Rs. 8.01 lakhs.
7. Tracing the evidence of phonological dyslexia in semi-syllabic orthography. Investigators: Dr. B. Rajashekhar, Dr. Gopee Krishnan, Dr. Shyamala, K. C., & Dr. Shivani Tiwari. Funding: DST Amount: Rs. 25.45 lakhs
8. Elucidation and Validation of the burden of DNA Variations in Autism Spectrum Disorders to assess the impact on the genetic pathways. Investigators: Dr. Ramachandra Rao, Dr. P. Prakash & Dr. K. C. Shyamala. Funding: UGC. Amount: Rs. 15.76 lakhs
9. Efficacy of Early Language Intervention for Children with repaired cleft lip and palate. Investigators: Dr. M. Pushpavathi. Funding: DST. Amount: Rs. 43.20 lakhs
10. Development of Battery for Cognitive Communication – Kannada (BCC-K). Investigators: Dr S. P. Goswami and Mr. VarunUthappa A. G, Dr. Murali Krishnan, & Dr. Julie A. Hengst. Funding: ICMR. Amount: Rs. 25.62 lakhs.

AIISH Funded Research

1. Effect of spatial noise on speech identification. *Investigators* Dr. Asha Yathiraj:  *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
2. Exploring real world hearing aid usage and outcome: Current Indian scenario. *Investigators*: Dr. P. Manjula *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
3. Normative data for click rate induced facilitation for assessing temporal integration. *Investigators*: Dr. K. Rajalakshmi, Mr. Prashasti P. Poovaiah *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs
4. Contributory factors of hearing handicap in individuals with sensorineural hearing loss and auditory neuropathy spectrum disorder (ANSD). *Investigators*: Dr. Ajith Kumar U, . Dr. Hemanth N.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
5. Audiological and vestibular assessment in persons with osteoporosis and osteopenia. *Investigators*: Dr. Prawin Kumar, Dr. Raghunandana S. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
6. Impact of acoustic stimuli used for various measures of VEMP on the auditory system. *Investigators*: Dr. Niraj Kumar Singh, Dr. Prawin Kumar *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
7. Effect of cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential. *Investigators*: Mr. Sachchidananda Sinha, Dr. Niraj Kumar Singh, Mr. Nirnay Kumar Keshree, Dr. Shenal Kothari *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
8. Development of low frequency range word lists in Malayalam. *Investigators*: Mr. Prashanth Prabhu, Mr. Jithin Raj B.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
9. Development of auditory based application software for Tinnitus treatment. *Investigators*: Dr. Hemanth N., Dr. Ajith Kumar U.*Funding*: AIISH Research Fund. *Amount*: Rs. 8.53 lakhs.
10. Development of severity rating scale for children with autism spectrum disorders. *Investigators*: Dr. Shyamala K.C.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
11. Cognitive linguistic abilities across different vocations. *Investigators*: Dr. Shyamala K.C.*Funding*: AIISH Research Fund. *Amount*: Rs. 8.53 lakhs
12. Swallowing Impairments in Persons with Brain Damage. *Investigators*: Dr. S.P. Goswami, Ms. Gayathri Krishnan, Ms. Manju Mohan, Dr. Muralidharan Nair, Dr. Sylaja *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
13. Field-testing of ‘Constant Therapy’ in Hindi and Kannada. *Investigators*: Dr. S.P. Goswami, Dr. Swathi Kiran *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
14. Effect of combined tactile, thermal and gustatory stimulation on feeding and swallowing in children with cerebral palsy. *Investigators*: Dr. Swapna N., Ms. Prathima S.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
15. An Adaptation of Early Reading Skills (ERS) in Malayalam (ERS-M). *Investigators*: Dr. Brajesh Priyadarshi, Ms. Gayathri Krishnan *Funding*: AIISH Research Fund. *Amount*: Rs.4.93lakhs.
16. An Adaptation of Bankson Language Screening Test in Hindi (BLST-H). *Investigators*: Dr. Brajesh Priyadarshi,Dr. S.P. Goswami *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
17. Prevalence and risk factors of voice problems and knowledge of vocal health in professional Carnatic singers and non-singers. *Investigators*: Dr. Usha Devdas*,* Dr. M. Santosh *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
18. Behavioural and electrophysiological correlates (N400) of lexical and phonological access in children with stuttering. *Investigators*: Dr. M. Santosh, Dr. M. Sandeep *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
19. Phonological encoding in children with stuttering. *Investigators*: Dr. Sangeetha Mahesh, Ms. Geetha M.P.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
20. Lexical processing in Type 2 diabetes. *Investigators*: Dr. Rajasudhakar R. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs.
21. Validation of discourse analysis scale on adults with dementia. *Investigators*: Dr. Hema N.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.93 lakhs
22. Validation of nasality severity index. *Investigators*: Dr. Navya A., Dr. M. Pushpavathi *Funding*: AIISH Research Fund. *Amount*: Rs. 4.93lakhs
23. Stories of Aphasia: Exploring paths to recovery in India. *Investigators*: Dr. S.P. Goswami, Dr. Julie A. Hengst, Ms. Sonal V. Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi, Ms. Pinky Singh, *Funding*: AIISH Research Fund. *Amount*: Rs. 11.99 lakhs.
24. Genetic insights of cerebral palsy using massively parallel sequencing. *Investigators:* Dr. N. Sreedevi, Dr. N. Swapna, Dr. Srinivas Kovalli *Funding*: AIISH Research Fund. *Amount*: Rs. 6.31 lakhs.
25. Development of a cost effective configuration for optimal quality recording for speech analysis. *Investigators*: Dr. Ajish K. Abraham *Funding*: AIISH Research Fund. *Amount*: Rs. 3.85 lakhs.
26. Design, development and validation of open source platform for AIISH digital repository and online public access catalogue. *Investigators*: Dr. Shijith Kumar C, . Mr. Nanjunda Swamy M, . Mr. Nidheesh David Kuruvilla, Mr. Lokesh P., Mr. Raghavendra G.N., *Funding*: AIISH Research Fund. *Amount*: Rs. 3.00 lakhs.
27. Database on communication disorders published in India. *Investigators*: Dr. Shijith Kumar C., Mr. Nanjunda Swamy M., Mr. Nandeesha B.*Funding*: AIISH Research Fund. *Amount*: Rs. 4.20 lakhs.
28. Effect of resource material on impact of inclusive education in children with intellectual disabilities (ID) and learning disabilities (LD). *Investigators*: Dr. Malar G., Ms. S. Prathima *Funding*: AIISH Research Fund. *Amount*: Rs. 3.85 lakhs.
29. Development and evaluation of indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs. *Investigators*: Ms. P.V. Ramanakumari, Dr. Ajish K. Abraham, Ms. P.V. Manjula *Funding*: AIISH Research Fund. *Amount*: Rs. 3.85 lakhs.

**New Research Projects**

Thirty one research projects worth Rs. lakhs were initiated in different departments during the reporting year. Of these, five projects worth lakhs were funded by DST and DBT, and the remaining by the institute. The details are given below.

Externally Funded Research

1. ARTICULATE+ : A system for automated assessment and rehabilitation of persons with articulation disorders. Investigators: Dr. Ajish K Abraham, Dr. Pushpavathi, Dr. N Sreedevi. Funding: MHRD, Govt. of India Amount: Rs. Rs. 137.498 lakhs.

AIISH Funded Research

1. Computer based audiological evaluation software. *Investigators*: Dr. Hemanth N, Mr. Jithin B Raj *Funding*: AIISH Research Fund. *Amount*: Rs. 8.74 lakhs
2. The genetics of sensorineural hearing loss. *Investigators*: Dr. K. Rajalakshmi, Dr. Srinivas K, Dr. Sreedevi N, Dr. Jay Kumar *Funding*: AIISH Research Fund. *Amount*: Rs. 9.68 lakhs
3. Auditory temporal processing in older adults: a behavioural and electrophysiological measures. *Investigators*: Dr. Hemanth N, Dr. Ganapathy M K, Dr. Prashanth prabhu *Funding*: AIISH Research Fund. *Amount*: Rs. 5.18 lakhs
4. Product Development of Useful Products of Research carried out at AIISH. *Investigators*: Dr. Prashanth prabhu, Dr. C. Shijith Kumar, Dr. Priya M.B *Funding*: AIISH Research Fund. *Amount*: Rs. 5.03 lakhs
5. Auditory processing in children with speech sound disorders. *Investigators*: Dr. Chandni Jain, Ms. Priya MB. *Funding*: AIISH Research Fund. *Amount*: Rs. 5.05 lakhs
6. Prevalance of parental consanguinity in children with communication disorders-a survey based study. *Investigators*: Dr. Jijo PM, Mr. Sreeraj K, Ms. Sandhya K, Ms. Rashmi P, Dr. Harsha Badiger *Funding*: AIISH Research Fund. *Amount*: Rs. 5.14 lakhs
7. Encoding of speech and music at auditory brainstem (frequency following responses) with and without hearing aid. *Investigators*: Dr. N Devi. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs
8. Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairment. *Investigators*: Dr. Geetha C, Dr. Chandni Jain *Funding*: AIISH Research Fund. *Amount*: Rs. 5.05 lakhs
9. Automation of Malyalam Articulation test using automatic speech recognition techniques. *Investigators*: Dr. Ajish K Abraham, Dr. Leena M, Dr. N. Sreedvi. *Funding*: AIISH Research Fund. *Amount*: Rs. 5.00 lakhs
10. Assessment of Neurocognitive deficits of children with Autism Spectrum Disorder. *Investigators*: Dr. Amrita Kanchan *Funding*: AIISH Research Fund. *Amount*: Rs. 3.30 lakhs
11. Life Satisfaction and quality of life in person with Aphasia beyond Communication. *Investigators*: Dr. S.P.Goswami, Dr. Sanjeev Kumar Gupta *Funding*: AIISH Research Fund. *Amount*: Rs. 4.96 lakhs
12. An adaptation of test of Language development in Hindi(TOLD-H). *Investigators*: Dr. Brajesh P, Dr. S.P Goswami *Funding*: AIISH Research Fund. *Amount*: Rs. 4.96 lakhs
13. Executive Functions in Normal aging and persons with Mild cognitive Impairment. *Investigators*: Dr. Abhishek BP, Mr. Rebuen T. *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs
14. Validations of discourse analysis scale and working memory assessment in adults with Aphasia. *Investigators*: Dr. Hema N *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs
15. Frequency of occurrence of phonemes in Hindi. *Investigators*: Dr. N. Sreedevi, Dr. Irfana M, *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs
16. ‘Reading impairments in Kannada-English bilinguals individuals with fluent & non-fluent types of aphasia’. *Investigators*: Dr. K.C Shyamala, Dr. Sunil K. Ravi, Dr. P. Gopi Kishore, *Funding*: AIISH Research Fund. *Amount*: Rs. 5.08 lakhs
17. Motor equivalence and speech kinematics in normal and pathological speech production. *Investigators*: Dr. NVSNM Ganesh Sinisetty, Dr. N. Sreedevi, Dr. Irfana M, *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs
18. A pre-post comparison of vocal loading using infrared thermography in phono-normals. *Investigators*: Dr. R. Rajasudhakar. *Funding*: AIISH Research Fund. *Amount*: Rs. 5.03 lakhs
19. Phonological encoding in bilingual adults with stuttering. *Investigators*: Dr. Sangeetha M *Funding*: AIISH Research Fund. *Amount*: Rs. 4.98 lakhs

Doctoral Research

Totally, twelve students completed their doctoral research during the reporting year, and among them eight were awarded the degree and the remaining four was under evaluation. In addition, \_\_\_\_students were pursuing their doctoral research in different departments of the institute during the reporting year. The details of completed and ongoing doctoral research are given in table 1 and 2 respectively.

**Table 1: Completed Doctoral Research**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the candidate | Topic | Guide | Status |
| Preethi T. Thomas | A Comparative Study on Content and Process of Semantic Memory in Malayalam Speaking Persons with Dementia and Aphasia | Goswami S.P. | Awarded |
| Reeny Roy | Emerging Phonetic Behaviour in Hindi and Malayalam Speaking Children in the Age Range 4 to 12 Months: A Cross Linguistic Study | Sreedevi N. | Awarded |
| Irfana M | A Cross-linguistic Study of Lingual Coarticulation in Kannada, Malayalam and Hindi Language using Ultrasound imaging procedure | Sreedevi N. | Awarded |
| Ganapathi M.K. | The Effect of Age and Noise on Acoustic Change Complex | Manjula P. | Awarded |
| Roshni Pillai | Auditory, Visual and Auditory-Visual Perception in Children with Learning Disability | Asha Yathiraj | Awarded |
| Sharath Kumar K.S. | Effect of Noise Reduction Algorithm (NRA) in Hearing Aids on Acoustic and Perceptual Measures | Manjula P. | Awarded |
| Priya M.B. | Test Battery for Phonological Representations in Kannada Speaking Children | Manjula R. | Awarded |
| Prashanth Prabhu | Amplification Strategies to Improve Aided Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder | Animesh Barman | Awarded |

**Table 2: Ongoing Doctoral Research**

| **Name** | **Topic** | **Guide** |
| --- | --- | --- |
| Amoolya G. | Bilingual Effect on Written Language Skills in Kannada-English Bilingual-Biliterate with learning disability. | Jayashree C Shanbal |
| Amulya P. Rao | Effect of vowel contexts and phoneme positions on articulation of phonemes in children with speech sound disorders: Pre-post therapy comparison | Sreedevi N. |
| Anitha Naittee Abraham | Effect of Vowel Context and Phoneme Position on Correct Articulation of Phonemes in Malayalam Speaking Children with Down syndrome: A Pre Post Therapy Comparison | Sreedevi N. |
| Anjana A.V. | Emergent Literacy Profiling in Malayalam – English Bilinguals | Prema K.S. |
| Anoop B.J. | Cognitive and ERP Measures of Informational Masking in Young and Elderly Normal Hearing Individuals | Ajith Kumar U. |
| Anuprasad S. | Auditory Processing and Auditory Working Memory in Children with Benign Epilepsy with Centrotemporal Spikes | Rajalakshmi K. |
| Aparna V.S. | Speech and Language outcomes in school going children following early primary cleft palate repair | Pushpavathi M. |
| Arunraj K. | Clinical Validation of Wideband Absorbance Tympanaometry in Detecting Middle Ear Disorders | Animesh Barman |
| Darga Baba Fakruddin | Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naive Hearing aid Users | Rajalakshmi K. |
| Deepthi K. J. | Speech and Language Characteristics of 3-5 year old Children with Cleft of Lip and Palate | Pushpavathi M. |
| Deepthy Ann Joy | Acoustic and Articulatory Characteristics of Malayalam Speaking Children Using Cochlear Implant | Sreedevi N. |
| Dhanya M. | Preceptual Cues of Coarticulation in normal hearing and individuals with hearing impairment in Malayalam | Sandeep M. |
| Dhatri S.Devaraju | Behavioral and Electrophysiological Correlates of Auditory-Visual Integration in Persons with Stuttering | Ajith Kumar U. |
| Divya Seth | Efficacy of Response Cost Treatment in Pre-School Children Who Stutter | Santosh M. |
| Gayathri Krishnan | Effect of Bolus Characteristics and Head Position on Respiratory-Swallow Coordination | Goswami S.P. |
| Geethi S. | Development of metapragmatic tool for adolescents n Malayalam and its validation on Children with Specific learning disorder | Shyamala K.C. |
| Jawahar Anthony P. | Stream Percept with Sinusoidally Amplitude Modulated Stimuli and its Relation with Speech Perception in Noise in Individuals with Normal Hearing And Sensorineural Hearing Loss. | Animesh Barman |
| Jithin Raj B. | Auditory, Neurophysiological and Cognitive Factors of Hearing aid, Acclimatization in Individuals with Cochlear Hearing Loss | Sandeep M. |
| Kumari Apeksha | Effect of Noise and Amplification on Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder: Electrophysiological and Behavioural study. | Ajith kumar U. |
| Lakshmi S. Mohan | Development of Predictive Screening tool for Preschool Children with Austim Spectrum Disorders in Malayalam | Jayashree C Shanbal |
| Mahesh B.V.M. | Influence of Second Langauge (English) Proficiency on Speech Motor Variables in Bilinguals who Stutters | Manjula R. |
| Mamatha N.M. | Effect of auditory processing abilities on academic performance in Kannada Speaking primary school children | Asha Yathiraj |
| Manju Mohan. P | Novel Word Learning in Persons with Epilepsy | Goswami S.P. |
| Megha | Perceptual, Cognitive and Neurophysiological Bases of Hearing Aid Acclimatization | Sandeep M. |
| Niharika M.K. | Cognitive -Linguistic Processing in Native Adult Speakers of Kannada | Prema K.S. |
| Nike Gnanateja G. | Effect of Speech Intelligibility on the Cortical Entrainment to the Temporal Envelope of Speech | Sandeep M. |
| Nirmal Sugathan | Comparison of Phonological Processing between Children Who Persist and Recover from Stuttering | Santosh M. |
| Pavan M. | Investigation of Mechanisms Underlying Poor Speech Perception in Individuals with Cochlear Hearing Loss based on Recovered Envelope Cues and the Contribution of Temporal Fine Structure Cues in Sequential Stream Segregation | Rajalakshmi K. |
| Prajna Bhat J. | Brainstem Neurophysiological Correlates of Pitch Coding in Vocal and Instrument Musicians | Rajalakshmi K. |
| Priyanka | Cross-Linguistic Generalization of Fluency in Kannada –English Bilingual adults who Stutter: Effect of Non- Programmed Prolonged Speech Treatment | Santosh M. |
| Priyanka V. | Temporal Processing, Speech Perception in Noise and Auditory Working Memory in Vocalists, Violinists and Non-Musicians | Rajalakshmi K. |
| Rakesh Gatla | Effect of Exposure to Below -Damage Risk Criteria Environmental Noise on Auditory Processing abilities | Sandeep M. |
| Reuben Thomas Varghese | Comparison of Early Cognitive- Communicative Deficits between Persons with Dementia of Alzheimer’s Type(DAT) and Mild Cognitive Impairment (MCI) | Goswami S.P. |
| Sahana M. | Development of Deep Test of Articulation for Pressure Consonants in Kannada for Persons with Cleft Lip and Palate | Pushpavathi M. |
| Sharon Susan Sam | Effect of Mapping on Novel Word Learning in Malayalam- English Bilingual Children | Jayashree C Shanbal |
| Shreyank P. Swamy | Comparison of Contralateral Suppression of Otoacoustic Emissions between Children with APD and Children with ADHD | Asha Yathiraj |
| Shubha Tak | Loudness Perception in Children Using Hearing Aids and Children Using Cochlear Implants | Asha Yathiraj |
| Shylaja K. | Test Battery for Symbolic Communication Skills in 2-4 year Typically Developing Children | Manjula R. |
| Srikar V. | Auditory Continuity Illusion and Perceptual Restoration of Speech in Noise: Relationship with Speech Intelligibility in Noise in Individuals with Normal Hearing, and Cochlear Hearing Loss | Animesh Barman |
| Sunitha Sendhilnathan | Effectiveness of a Parent Implemented Training Program for Bilingual Children with Autism Spectrum | Shyamala K.C. |
| Vignesh S.S. | Auditory Vestibular Functions in Individuals with Multiple Sclerosis | Rajalakshmi K. |
| Vikas M.D. | Effects of Temporal Resolution, Working Memory, and Personality on Hearing Aid Benefit in Older Adults | Manjula P. |
| Yashaswini L. | Categorical Perception and Processing of Speech and Music stimuli in individuals with and without music training | Sandeep M. |
| Yashaswini R. | Presymbolic Dyadic Communication Behaviors in Typically Developing Children and Children with Intellectual Impairments (06-1.6 years): A Comparative Study) | Manjula R. |
| Yashomathi | Comparison of Syntax in Indian Sign Language between Two Dialects | Manjula R. |

**Post Graduate Research**

The postgraduate students of the institute carry out research as a part of their course work. The details of completed postgraduate research carried our as a part of M.Sc. Audiology and M.Sc. Speech-Language Pathology (----Nos.) are given in table ---- and the ongoing research works (----Nos.) in table ----

**Completed postgraduate research**

| **Candidate** | **Topic** | **Guide** |
| --- | --- | --- |
| Abhijit | Evaluation of digital hearing aids with wireless synchronization in older adults | Geetha C. |
| Amulya S. | F2 Transition of Vowel to Vowel Context in AWS | Sangeetha M. |
| Anju A.V | Development of a tool for screening emergent literacy in Malayalam | Prema K.S. |
| Anju B Thomas | Effect of Perception of Speech Difficulties on Quality of Life in Individuals with Parkinson disease | Swapna N. |
| Anne Maria A | Assessment of Feeding and Swallowing In Adolescents with Cerebral Palsy | Swapna N. |
| Anoopa | Reasons for use and non-use of hearing aids | Manjula P. |
| Anu Rose | Facilitatory effect of vowel context on articulation of phonemes in children with hearing impairment | Sreedevi N. |
| Anuj Kumar | Correlation between vhit and caloric test in individual with auditory neuropathy spectrum disorder | Sujeet Kumar Sinha |
| Archana | Semantic categorization in 8-10 year old Kannada speaking children | Rajasudhakar R. |
| Ashwini B.N. | Lexical semantic organization in children between 4-7 years of age using free word association task | Abhishek B.P |
| Bincy Kalam | Fast Mapping Skills in Children with ASD | Shyamala K. C. |
| Chaitra M.C. | Profiles of challenging listening situations experienced by people with hearing loss: effects of socioeconomic background | Rajalakshmi K. |
| Chayashree P.D. | Working Memory in Individuals with Aphasia | Hema N. |
| Devamma V. | Comparison of directional microphone and digital noise reduction algorithms in binaural hearing aid users | Devi N. |
| Devika S. | Narrative Discourse Skills in Children with Learning Disability | Hema N. |
| Divyashree | Discourse-level Listening comprehension in 3 rd grade and 4th grade Kannada speaking children with Learning disability | Jayashree C Shanbal |
| Jagacharan | Fast Mapping Skills in Children with SLI | Shyamala K. C. |
| Jasiya | Vestibular evoked myogenic potentials and video head impulse test in auditory neuropathy spectrum disorder | Niraj Kumar Singh |
| Jeena T.K. | Binaural interaction component, binaural fusion test and making level difference in children at risk of central auditory processing disorder | Prawin Kumar |
| Jesnu Binoy | Acoustic voice quality index (AVQI) and perceptual measures in Indian population | Jayakumar T. |
| Keerthi S P | Working memory and low redundancy speech perception in the normal ear of individuals with unilateral hearing loss | Jijo P.M. |
| Kirti Joshi | Impact of hearing aid use on vestibule-ocularreflex and body balance | Niraj Kumar Singh |
| Krithika G | Brainstem encoding of speech and corticofugal modulation in children with specific language impairment | Sujeet Kumar Sinha |
| Lavanya | Relationship between speech perception in noise and working memory in individuals with normal hearing | Ajith Kumar U. |
| ManishaSahu | Brainstem encoding of speech sound in individuals who practice meditation | Sujeet Kumar Sinha |
| Margaret Vincent | Executive functions in bilinguals | Abhishek B.P |
| Meenu A.V. | Effect of short-term exposure to below damage risk criteria noise on temporal processing and speech perception | Sandeep M. |
| Meghana N. | Effect of pranayama in the management of tinnitus | Mamatha N. M. |
| Meherunnissa | Validation of instrumental activities of daily living elderly scale to screen individuals with mild cognitive impairment | Jayakumar T. |
| Merin Jose | Facilitatory effect phoneme position on articulation of phonemes in children with hearing impairment | Sreedevi N. |
| Merin Jose | Facilitatory Effect Phoneme Position on Articulation of Phonemes in Children with Hearing Impairment | Sreedevi N. |
| Nainitha K.K. | Acoustic change complex as an objective gap detection test in elderly individuals | GanapathyM.K. |
| NakhwaSonal | Development and evaluation of high frequency speech identification test in Indian-English for children | AshaYathiraj |
| Naveen C.P. | Influence of number of frequency bands on perception of Kannada chimeric sentences and words | Devi N. |
| Nayana M. | Psychoacoustic abilities of normal ear of listeners with unilateral hearing loss | Jijo P.M. |
| Nithya K. | Mental lexicon in children: Representation of concrete and abstract words | Prema K.S. |
| Pavana M | Effect of frequency transposit on learning of artificial speech in normal hearing individuals | Ajith Kumar U. |
| Preethi M | Effect of intensity, repetition rate and stimulus type on spectrum of auditory brain stem response | Animesh Barman |
| Pritismita. K. | Theory of mind in Specific language Impairment | Jayashree C Shanbal |
| Priya K P | Early speech perception test for Kannada speaking children | AshaYathiraj |
| Rahul K. Naidu | Comparison of Velocity Profiles and Spatio Temporal Indices (STI) of typical adults for Speech and Volitional Non-Speech Task | Yashomathi |
| Rajith B N | Click-rate induced facilitation of acoustic reflex in children with sensory neural hearing loss | Rajalakshmi K. |
| Ranjitha | Verbal Recall Abilities in individuals with and without Cognitive Impairment | Abhishek B.P |
| Rashmi Yuvashree | Visual Recognition Skill in Individuals with Aphasia | Shyamala K. C. |
| Robina A | Acceptable noise level: effect of background language and number of speakers in Kannada speaking older adults with hearing impairment | GeethaC. |
| Sanakalpa M | Comparison of children at risk for auditory processing disorder between urban and rural schools | AshaYathiraj |
| Sanjeev M R | Effect of noise on the sentence identification test in Kannada in individuals with hearing loss | GeethaC. |
| Saraswathi | Voice disorder outcome profile (V-DOP) adaptation and validation in Telugu | Rajasudhakar R. |
| Sarga Jose J. | Word recognition in Kannada-English Bilinguals | Prema K.S. |
| Shamantha M | Comparison of channel-free and multi channel hearing aids on performance in individuals with sensorineural hearing loss | Manjula P. |
| Shanthala S P | Test retests reliability of video head impulse test in healthy individuals. | Niraj Kumar Singh |
| Shashank Nema | Linguistic masking release in juveniles and adults-an Indian language perspective | Animesh Barman |
| Shivaprasad S Beelagi | Outcomes of hearing aid and challenging situations in listening: a cross sectional study across rural and urban units | Rajalakshmi K. |
| Shubha ganga D | Effect of Bluetooth technology in hearing aids on recognition of naturally rate altered speech | Hemanth N. |
| Shubhasmitha M. | Voice range profile in vocally trained and untrained children | Rajasudhakar R. |
| Sneha P. | Objective and subjective measures of localization and spatial perception in hearing impaired adults | Ganapathy. M.K. |
| Sreelakshmi H D | Cochlear functioning in individuals with sensorineural hearing loss with and without tinnitus | Sreeraj K. |
| Srikanth Nayak | Relationship between temporal processing working memory and attention in LD children | Prawin Kumar |
| Sumanth A.V. | Voice characteristics of Teachers from Jawahar Navodaya Vidyalaya in Southern districts of Karnataka | Yeshoda K. |
| Sunanda | Development of Tamil Language test for 6yrs to 16yrs | Jayakumar T. |
| Swathy B L | Threshold estimation using multi-frequency abr in infants | Sandeep M. |
| Tejaswini S | Assessing localization ability from individuals with hearing impairment: a study on simulated traffic environment | Hemanth N. |
| Usha Rani S | Music evoked p300 in individuals with and without musical abilities | Devi N. |
| Varsha Vijayan | Syntactic deficits in Persons with Fluent Aphasia | Goswami S.P. |
| Veena Nataraj | Semantic deficits in Persons with Fluent Aphasia | Goswami S.P. |
| Vishnupriya | Declarative and Procedural Memory in Children with Developmental Dyslexia | Jayashree C Shanbal |

Table 4: Ongoingpostgraduate research

| **Candidate** | **Topic** | **Guide** |
| --- | --- | --- |
| Adithya Sugathan | Chained frequency specific tone burst stimuli for aided ABR threshold estimation in individuals with SNHL | Sreeraj K. |
| Aishwarya Lakshmi | Comparison of objective and subjective approaches  for verification of RIC hearing aids | Manjula P. |
| Akriti Kumar | Phonotatic Development in 3-4 years old Native Hindi Speaking Children | Sreedevi N. |
| Ameena | Diadochokinesis in individuals with remitting-relapsing multiple sclerosis | Swapna N. |
| Amruthavarshini B. | Comparison of performance on SPIN-K between non-native Kannada speakers having Malayalam as native language and native Kannada speakers | Asha Yathiraj |
| Anagha Balachandran | Verbal working memory and discourse level | Jayashree C. Shanbal |
| Ananya Basappa | Evaluation of temporal processing abilities in individuals with hypertension. | Prashanth Prabhu |
| Angeline | Development of video for counseling hearing aid users and check its efficacy using hearing aid handling skills | Rajalakshmi K. |
| Anup Ghimire | Development of low frequency word lists in Nepali language | Prashanth Prabhu |
| Bhavana P.V. | Adaptation and Standardization of revised craig Handicap assessment and reporting technique (CHART) in Kannada | Goswami S.P. |
| Chaitra K.C. | Binaural Interaction Component for Speech Evoked ABR in Older adults. | Ganapathy M.K. |
| Chandan R. | Noise induced hearing loss effect and awareness in city bus drivers | Rajalakshmi K. |
| Chandan Kumar Nayak | Gap detection test using MLP -Development of normative in children (9-11 years) | Chandni Jain |
| Devika Vinod | Vocal Fundamental Frequency in  Speakers of Kannada, Malayalam and Tamil | Yeshoda K. |
| Disha Chadda | Fast mapping in bilingual children | Shyamala K.C. |
| Disha P. Karnad | Evaluation of distortion product otoacoustic emission input output function in individuals with auditory neuropathy spectrum disorder | Prashanth Prabhu |
| Divya Vinod | Comprehension of sentence ambiguities in English speaking children | Jayashree C. Shanbal |
| Divyashree K.N. | Acquisition of Clusters in Typically Developing Kannada Speaking Children – 3 to 6 years | Sreedevi N. |
| Eliza Baby | Lexical semantic organisation in neuro typical individuals | Abhishek B.P. |
| Harish Kumar M.K. | Effect of attitude towards hearing loss on hearing aid outcomes | Manjula P. |
| Jain Slesha N. | Comparison of performance on SPIN-K between non-native Kannada speakers having Hindi as native language and native Kannada speakers | Asha Yathiraj |
| Juanita Sharon George | Conversation strategies used by persons with aphasia in varied communication settings | Goswami S.P. |
| Jyotsna | Lexical activation in Kannada-English neuro typical adults: An exploratory study | Abhishek B.P. |
| Khatri Ehteshaam Anwar Hussein | Effect of Varying Interstimulus Interval on Multifrequency ABR | Sandeep M. |
| Mangal Yadav | Sentence perception abilities in presence of noise among hearing aid users | Prawin Kumar |
| Mayelmeit Lepcha | Vestibular problem in individuals with sensorineural hearing loss | Sujeet Kumar Sinha |
| Mayur Pathak | Speech evoked aided cortical potentials in adults using hearing aids | Prawin Kumar |
| Md Yaseen | Vocal Symptoms and voice characteristics of imams | Jayakumar T. |
| Megha K.N. | Effect of noise exposure and aging on ABR and OAEs | Sreeraj K. |
| Nayana P.V. | Lexical Neighbourhood Test for Children in Malayalam (LNT-M) | Asha Yathiraj |
| Nepoleon S. | Working Memory in Children with Speech Sound Disorder | Priya M.B. |
| Nikhil J. | Internet based cognitive behavioural therapy for adults with tinnitus in India | Rajalakshmi K. |
| Pooja Sreeram | Verbal working memory and reading comprehension of Syntactic Ambiguities in Typically Developing Children | Jayashree C. Shanbal |
| Prithivi T. | Gap detection test using MLP -Development of normative in children (7-9 years**)** | Chandni Jain |
| Priyadharshini V | Sentence processing in children with and without SLI | Rajasudhakar R. |
| Priyanka T. | Rhythm Pattern of English in Adult Native Kannada Speakers | Sreedevi N. |
| Radhika Mathur | Correlation of self-assessment measures for tinnitus handicap with quality of life and its relation to psychoacoustic factors | Sreeraj K. |
| Raja Suman | The influence of Proficiency of the non-native background language on Speech recognition of native language | Geetha C. |
| Rajesh | The effect of insertion gain and preferred gain on speech intelligibiliy | Geetha C. |
| Rakshata | Fast mapping in children with intellectual disability | Shyamala K.C. |
| Rakshith | Assessment of Localization and Cognitive Ability in Individuals with Hearing Impairment: A study on Simulated Road Traffic Environment | Hemanth N. |
| Reshli Y.V. | Working day vocal loading effect on voice parameters in mathematics and malayalam language teachers: a comparative study | Rajasudhakar R. |
| Reshmita | Lexical semantic activation in high and low proficient adults | Abhishek B.P. |
| Revathi R. | Relation between Notes, Scales, Swaras, Octaves and their Corresponding Frequencies | Yeshoda K. |
| Rucha | Efferent Auditory Pathway and language learning | Ajith Kumar U. |
| Runali Patil | Effects of Prolonged Exposure to Air Conditioners on Voice Quality: A Preliminary Study | Yeshoda K. |
| Sabina ShameenTaj | Maternal linguistic measures of children with repaired cleft lip and palate and typically developing children. | Pushpavathi M. |
| Sam Publius A. | Practice effects of odd ball paradigm in P300 responses | Sandeep M. |
| Santoshi | Objective measures of strength and endurance of lips and tongue in typically developing indian children | Swapna N. |
| Seshasri | Acoustic voice quality index in Kannada speaking children in the age range of 10-12 years. | Pebbili Gopi kishore |
| Shezeen | Relationship between contralateral inhibition of otoacoustic emissions and speech perception in noise: effect of signal to noise ratio and linguistic load | Ajith Kumar U. |
| Shilpa Abraham | Measure of vocal stability in female trained singers and nonsingers | Jayakumar T. |
| Shiyaam Sundar | Outcome of experienced users of wireless synchronization digital hearing aids using Speech, Spatial and Qualities questionnaire. | Geetha C. |
| Shruthi G.N. | Effect of noise on context dependant brainstem encoding of speech | Sandeep M. |
| Spoorthi Niranjana | Adaptation and Standardization of Community integration questionnaire (CIQ-R) to Kannada Language | Goswami S.P. |
| Sujan | Frequency Discrimination Treatment and Relapse on Tinnitus: A Single Subject Design | Hemanth N. |
| Sumanth | Language skills in 7 to 10 years children with repaired cleft palate | Pushpavathi M. |
| Suprabha Kappadi | Effect of Occupational Noise exposure on Efferent Auditory System. | Ganapathy M.K. |
| Tanvi Bhingare | Auditory and visual recall abilities in neurotypical adults. | Shyamala K.C. |
| Tasni Jahan | Vocal characteristics in 3rd semester pregnant women | Jayakumar T. |
| Udhayakumar R. | Comparison of syllabic and dual compression on non-linear hearing aid processed Malayalam chimeric sentences | Devi N. |
| Vandana | Lexical access in persons with remitting-relapsing multiple sclerosis | Swapna N. |
| Varsha | Auditory working memory skills in normal hearing individuals exposed industrial noise | Ajith Kumar U. |
| Varsha C.S. | Relationship between some aspects of Temporal processing and speech in noise scores in individuals with normal hearing | Animesh Barman |
| Vasupradaa | Adaptation of Rapid Automatized Naming Test in Tamil (RAN-T) | Rajasudhakar R. |
| Vinayagar P.T. | Comparison of syllabic and dual compression on non-linear hearing aid processed Kannada chimeric sentences | Devi N. |
| Vishwaraj | Prevalence and Audiological Characteristics of Single Sided Deafness in Individuals with Sensorineural Hearing Loss reported to AIISH 2015-2018 | Hemanth N. |

**Scientific Presentation**

1. Abhinaya, R., Aparna, U., & Rajalakshmi, K. (2018). Social representation of loud music exposure in young adults: A cross cultural study (Kannada, Malayalam, Tamil & Telugu). Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
2. Abhishek B. P. (2018). Word knowledge in persons with MCI. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
3. Abhishek B.P.(2018). Lexical semantic activation in persons with aphasia. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
4. Adithya S.S., Jijinu P.S., Mamatha H.R., & Sreeraj, K. (2018). Speech ABR findings in auto rickshaw drivers who are exposed to occupational noise. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
5. Ajish K. Abraham (2017). Optimum signal processing strategy for enhancing hearing aid output speech. Paper presented at the 46th National Symposium on Acoustics (NSA – 2017), U.P.
6. Ajish K. Abraham (2018). Factors influencing the closeness of recorded speech samples to original speech. Paper presented at the Cambridge Summit 2018, Murray Edwards College, University of Cambridge, UK.
7. Akhila Chandrashekar, Janani Cariappa, Nayanika Ghosh & Prashanth Prabhu, P. (2017). Effect of different blood groups on efferent auditory system functioning in young adults with normal hearing. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
8. Akshay M.M., Sumanth, P. & Prema, K.S. (2017). E-Module for listening comprehension. Paper presented at the IEEE India SIG on Communication Disability, AIISH, Mysuru.
9. Akshay Mohan, Eliza Baby, & Abhishek B.P. (2018). Aphasia Confidence Index (ACI) – An objective measure of aphasic symptom. Poster presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
10. Akshaya, S. & Hema, N. (2018). Discourse of individuals with mild cognitive impairment and dementia. Paper presented at the 50th Indian Speech and Hearing Association Conference, AIISH, Mysuru.
11. Akshaya, S., Deepak, P., & Abhishek, B.P. (2018). Comparing two tasks assessing cognitive linguistic abilities in younger and older individuals. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
12. Akshit Anand, Sunny Khurana & Abhishek B.P. (2018). Effect of processing instructions on discourse abilities. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru
13. Akshit Anand, Sunny Khurana & Abhishek, B.P. (2018). Relationship between socio-economic status and word learning. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
14. Akshit Anand, Sunny Khurana & Abhishek, B.P. (2018). Strategies in word learning. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
15. Aman Kumar, Anju Sara Eby, Gouri Girish, Mamatha H.R., & Sandeep Maruthy (2018). BISIMF ABR: A novel paradigm to record frequency specific ABR simultaneously from two ears. Paper presented at 50th Indian Speech and Hearing Association Conference, Mysuru.
16. Anaswara Prasannan, Akhila Chandrashekhar, Jesteena Joy & Prashanth Prabhu, P. (2017). Diurnal changes in binaural integration abilities in morning-type and evening-type individuals with normal hearing. Paper presented at the 3rd International conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
17. Anjana, K., Kadambari, N. & Shobha, B.N.(2018). Cognitive Capabilities among Kindergarten, anganwadi, Montessori and Special preschool for Children with Hearing impairment-A comparative study. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Lucknow.
18. Ankit Kumar, Saranya Arya,Mundayoor, Nikita Subudhi, Shinsi Binth E.K., Anup Ghimire, Prawin Kumar, Niraj Kumar, & Raghav Jha (2018). Sacculo-collic and utriculo-ocular pathway assessment in children with normal hearing and hearing impairment with or withour motor milestones delay. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
19. Anoop, Hussna, Ajith Kumar & Santhosh (2017). Cortical processing of native and non-native phoneme perception-A high density ERP study. Poster presentation presented at EGI 2017 Summer School in Eugene, Oregon USA.
20. Anshuman Yadav, Arpita Singha, Mridul Ali, Mamatha, H.R., & Sreeraj K. (2018). Electrocochleography (ECoGH) recorded with different repetition rates and its significance. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
21. Anuj Kumar, Sujeet Kumar, & Krithika Gururaj (2018). Importance of VOR gain and refixation saccade analysis in auditory neuropathy spectrum disorder. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
22. Anup Ghimire, & Prashanth Prabhu, P. (2018). Development and standardization of high frequency word lists in Nepali. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
23. Aparna, S., & Pushpavathi, M. (2018). Velopharyngeal closure and resonance in children following early cleft palate repair: Outcome measurement. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
24. Apritha, V., Madhu, S. & Shanbal, J.C. (2018) Language switching in analogous Languages: Top-down processing cognitive control or bottom-up language control. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
25. Aradhana Raul, Garima Mailk, Tulsi Sao, & Niraj Kumar (2018). Inter-session variations in frequency tuning of ocular vestibular evoked myogenic potentials in healthy individuals. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
26. Asha Yathiraj, & Mamatha N.M. (2018). Effect of age on speech perception in noise in primary school children. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
27. Asha Yathiraj, & Tina Hephzibah (2018). Effect of spatial noise and continuous noise on speech identification in children and adults. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
28. Asha Yathiraj, Geetha, C., Megha, Jawahar Antony, & Nayana P. Kumar (2017).  Comparision of speech perception scores accross two different cochlear implant companies. Paper presented at CIGICON, 2017, Visakhapatnam.
29. Asha Yathiraj, Manjula, P., Geetha, C., Megha, & Jawahar Antony (2017). Comparision of ipsilateral and contralateral eSRT measures in two surgical approaches for cochlear implantation. Paper presented at CIGICON, 2017, Visakhapatnam.
30. Asha Yathiraj, Manjula, P., Geetha, C., Jawahar Antony, & Megha (2017).  Negative middle ear pressure and non-auditory stimulation in a child using cochlear implantation. Paper presented at CIGICON, 2017, Visakhapatnam.
31. Bhargav, D.S., Sreedevi, N., Swapna, N., & Srinivas, K. (2017). Exome sequencing for cerebral palsy: Opening windows for differential diagnosis. Oral and Poster presented at NextGen Genomics, Biology, Bioinformatics and Technologies (NGBT) 2017, organised by Scigenome Research Foundation (SGRF), India.
32. Chaithanya N.M., Priya Darshini, Vivek Singh, & Niraj Kumar (2018). Impravised bucket test for assessment of perceived vertically and horizontality in pediatric population: validation and test retest reliability. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
33. Chandni Jain (2018). Relationship among psychophysical abilities, speech perception in noise and working memory in individuals with normal hearing sensitivity across different age groups. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
34. Deepa, A., & Rajsudhakar, R. (2017). Electoglottography and body mass index: A correlation study. Paper presented in FRSM held at Rourkela, Odhisa.
35. Devi, N. (2018). Auditory evoked potential correlates of speech and music in individuals with and without musical abilities. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
36. Dhathri, D., Maruthy, S., & Kumar, U.A. (2018). Comparison of behavioral and neural correlates of auditory N-Back Task in adults with and without stuttering. Paper presented at the 50th ISHACON, held at AIISH, Mysuru.
37. Dhivya, D., Subramanya, K.R., (2018). A Comparative study on Knowledge among Parents of hearing Impaired Children about early intervention on the years of experience.Paper presented at 83rd NCED- India Annual International Conference, Lucknow, Uttar Pradesh.
38. Disha P. Karnad, Mayelmit Lepcha, & Prashanth Prabhu, P. (2017). Contralateral suppression of distortion product otoacoustic emissions input output functions in young adults with normal hearing. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
39. Ehteshaam Khatri, Chandan Kumar Nayak, Vikas M.D., & Ganapathy, M.K. (2017). Multi-frequency tympanometry in older adults with mixed hearing loss. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
40. Gayathri, K., & Swapna, N. (2017). Eclectic approach for behavioural management of dysphagia: A case report. Paper presented at the 17th National Conference of the Foundation for Head and Neck Oncology, Head and Neck Team at the Tata Memorial Hospital in Mumbai.
41. Gayathri, K., Brajesh, P., Bharathi, M. V., & Shilpa, N. (2018). Development of syllable –grapheme and grapheme-syllable correspondence in young Malayalam speaking children. Oral Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
42. Gayathri, K., Brajesh, P., Bharathi, M.V., & Shilpa, N. (2018). Acquisition of Reading Related Skills in Typically Developing Malayalam Speaking Children. Oral Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
43. Geetha, C. (2018). Optimization of compression parameters in hearing aids using aided audibility index. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
44. Gopikishore, P. (2018). Efficacy of vocal function exercises on the voice of future speech language pathologists: A pilot study. Paper presented at NIVAT-2018 organized by Nitte Institute of Speech and Hearing, Mangaluru.
45. Gopikishore, P. (2018). Pharmacological and therapeutic management of vocal fold ectasia: A case study. Paper presented at NIVAT-2018 organized by Nitte Institute of Speech and Hearing, Mangaluru.
46. Gopikishore, P. (2018). Videostroboscopic analysis of glottic and supraglottic characteristics in sulcus vocalis. Paper presented at NIVAT-2018 organized by Nitte Institute of Speech and Hearing, Mangaluru.
47. Hemanth, N. (2018). Representation of amplified speech at the brainstem and cortical levels of the auditory pathway in individuals with sensorineural hearing loss. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
48. Husna Firdose, & Niraj Kumar (2018). Characterizing the impact of advancing age on 500 I tone-burst evoked ocular vestibular evoked myogenic potentials. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
49. Ishu, Maithri, & Prashanth Prabhu (2017). Acceptable noise level: Effect of transducer and type of masker in individuals with cochlear and retrocochlear pathology. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
50. Jayakumar, T., & Vijaykumar Narne (2017). Neurophysiological correlates of VOT in Kannada and Tamil speaking individuals. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
51. Jayaram, M.T., Devi N., & Udhayakumar, R. (2018). Questionnaire on the ‘knowledge and use of ear moulds’ by the hearing aid users questionnaire on the ‘knowledte and use of ear moulds’ by the hearing aid users. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
52. Jayasree, G.K., Ankita Suman, Joel Joseph, & Prashanth Prabhu, P. (2018). Evaluation of temporal resolution abilities in Bharatanatyam dancers and non-dancers. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
53. Jijo, P.M. (2018). The effect and intensity and temporal enhancement on speech perception in individuals with Auditory Neuropathy Spectrum Disorder (ANSD). Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
54. Joel Joseph, Ankita Suman, G.K., Jayasree, & Prashanth Prabhu, P. (2018). Evaluation of contralateral suppression of otoacoustic emissions in Bharatanatyam dancers and non-dancers. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
55. Jyotsna, K., & Abhishek B.P. (2018). Taxonomic and thematic organization of nouns in aphasia: Evidence through discrete association task. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
56. Jyotsna, K., & Abhishek, B.P. (2018). Utility of cuing in determining the nature of lexical semantic breakdown in persons with aphasia. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
57. Kavitha, G.S., Sindhu, P., Chandni Jain, Devi, N. (2017). Effect of musical training on psychophysical abilities and working memory in children. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
58. Khyathi, J., Kirubaharane, S.I. & Hema, N. (2018). Cognitive linguistic abilities in typically developing children. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
59. Kirubaharane, S.I., Khyathi, J., & Hema, N. (2018). Narrative discourse abilities and memory in children with specific language impairment. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
60. Kondli Nagaraj Megha, Koratagere Narayanaswamy Divyashree, Aishwarya Lakshmi, Sugathan Adithya, Kunnupurath Puthenveedu Keerthana, Zeena Venkatacheluvaiah Pushpalatha, & Sreeraj Konadath (2017). NB-Chirp and tone burst ABR as an early indicator of hidden hearing loss in industrial workers exposed to occupational noise. Paper presented during the 3rd International conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
61. Kumar, S & Kumar, P. (2018). Exploring Sub-Cortical Encoding Processes In Children With Central Auditory Processing Disorders And Dyslexic Children. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. (repeat of sl.no. 119)
62. Kumar, S., & Kumar, P. (2018). Exploring sub-cortical encoding processes in children with central auditory processing disorders and dyslexic children. Paper presented at 1st Annual Conference of Bihar Branch of Indian Speech and Hearing Association, Patna, Bihar.
63. Kumaran Thirunavukkarasu, Animesh Barman, & Niraj Kumar (2018). Optimum response filter setting for air-conduction induced ocular vestibular evoked myogenic potential. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
64. Kumari Apeksha, & Ajith Kumar, U. (2018). Hearing aid amplification and cortical processing of speech in individuals with auditory neuropathy spectrum disorder. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
65. Kusuma, M., & Abhishek, B.P. (2018). Lexical semantic organization for verbs. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
66. Mamatha, H.R., Prashanth, S.S., Hemanth, N., Ajith Kumar, U. (2017). Development of auditory based application software for tinnitus evaluation. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
67. Manisha Sahu, & Sujeet Kumar Sinha (2018). Encoding of fundamental frequency is enhanced in individuals who practice meditation. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
68. Manjula, P., & Ishu (2017). Relationship between usage and outcome of hearing aids. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
69. Manjula, P., Sam Publius, Nikhil, J., & Vikas, M.D. (2017).   Validity and reliability of single- and multi- frequency stimuli in eliciting Auditory Steady State responses (ASSR). Paper presented at CIGICON, 2017, Visakhapatnam.
70. Manjula, P., Sam Publius, A., Nikhil, J., & Vikas, M.D. (2017).  Utility of ASSR in differentiating ears with severe and profound hearing loss. Paper presented at CIGICON, 2017, Visakhapatnam.
71. Manjula, P.V., & Ramanakumari, P.V. (2018). Profile of parameters of intelligence in preschool children with hearing impairment. Paper presented at 83rd NCED- India Annual International Conference, Lucknow, Uttar Pradesh.
72. Manjula, P.V., Ramanakumari, P.V., & Anil Abbur, R. (2018). Quality of Life of Caregivers of Children with Hearing Impairment. Paper presented at 83rd NCED- India Annual International Conference, Lucknow, Uttar Pradesh.
73. Maruthy, S. (2018). Role of GNPTAB mutations (p.Ala455Ser, p.Glu1200Lys) in South-Indian population with persistent developmental stuttering. Paper presented at the 50th Speech and Hearing Association Conference, Mysuru.
74. Megha Janardhan, & Sandeep Maruthy (2018). Auditory, cognitive and electrophysiological attributes of hearing aid acclimatization in individuals with sensorineural hearing loss. Paper presented at 50th Indian Speech and Hearing Association Conference, Mysuru.
75. Meghana, N., & Mamatha N.M. (2018). Effect of pranayama in the management of individuals with tinnitus. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
76. Mohini Shirish, Prashanth Prabhu P., Chhandasi Shrikant, Sanket Satish, & Rashmi Acharekar (2018). A survey regarding knowledge about noise pollution acts in urban and rural population. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
77. Mukesh Kumar (2017). Significance of associated risk factors among newborn hearing screening- A preliminary at 1st Annual Conference of the Speech and Hearing Association, Patna, Bihar.
78. Namita, J., Zohra, N.S., Yaazhini, D., Kavita, J., & Abhishek, B.P. (2018). Phonological short term memory in typically developing children and children with learning disability. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
79. Namitha, Namratha & Rajasudhakar, R. (2017). Effect of age on formant frequencies in Kannada speakers. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
80. Nikita, M., Ankit, K., & Abhishek, B.P. (2018). Executive functions in early and late bilinguals. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
81. Nikitha, M., Shishira, K., Vikram, C.M., Pushpavathi, M., & Prasanna, S.R.M. (2017). Hypernasality severity analysis in cleft palate speech using vowel space area.Paper presented at theInter Speech Conference, Sweden.
82. Niraj Kumar Singh and Prawin Kumar (2017). Cochlear implant causes undesirable vestibular stimulation: Evidences from behavioral balance assessment data. Paper presented at CIGICON, 2017, Visakhapatnam.
83. Niraj Kumar Singh, Sachchidanand Sinha, Nirnay Kumar Keshree, Shenal Kothari, Sudhir Kumar, Prawin Kumar (2017). Effect of cochlear implantation on saccular responses assessed using cervical vestibular evoked myogenic potential. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
84. Niraj Kumar Singh, Sachchidanand Sinha, Nirnay Kumar Kesree, Shenal Kothari, Sudhir Kumar & Prawin Kumar (2017). Saccular function in cochlear implantees: Effect of cochlear implant surgery and surgery technique. Paper presented at CIGICON, 2017, Visakhapatnam.
85. Niraj Kumar Singh, Sujan Mirle Jagadeesh, Nirmala Jagadish, & Anup Ghimire (2017). Comparison of children with congenital profound hearing impairment with and without delayed motor milestones on measures of cVEMP, oVEMP and vHIT. Paper presented during the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
86. Niraj Kumar, Mamatha H.R., & Sandeep Maruthy (2018). Simultaneous multi-frequency (SIMFY) Stimulus: A novel, valid and reliable stimulus for frequency tuning of ocular vestibular evoked myogenic potentials. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
87. Nirnay Kumar, Akhil Shrivastava, Shailay Gupta, Sudhir Kumar, Sachchidanand Sinha, & Niraj Kumar (2018). Intersession variability of rectified and unrectified cVEMP across 10 sessions. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
88. Nirnay Kumar, Shejal Kasera, Ritika Gautam, Pompi Deka, Sachchidanand Sinha, & Niraj Kumar (2018). Subjective assessment of posture, equilibrium and utricular function in children with cochlear implants. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
89. Nirnay Kumar, Vibhuti Birthare, Aakanksha Pandey, Sachchidanand Sinha, & Niraj Kumar (2018). Test-retest reliability of ipsilateral and contralateral vestibular evoked myogenic potentials recorded from masseter muscle (mVEMP). Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
90. Nisha, K.V., & Ajith Kumar (2018). Comparison of effectiveness of two spatial training paradigms in refinement of spatial skills in normal hearing listeners. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
91. Nisha, K.V., & Ajith Kumar U. (2018). Pre-attentive neural signatures of auditory spatial processing in individuals with normal hearing and sensorineural hearing impairment: A comparative study. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
92. Pooja, C.K., Devadas, U., & Maruthy, S. (2018). Comparision of singing voice handicap index -10 between carnatic singers with and without voice problem. Paper presented at the 50th Speech and Hearing Association Conference, Mysuru.
93. Pooja, R., Sumanth & Rajasudhakar, R. (2017). Effect of variability in talkers on spoken word recognition and recall. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
94. Pradeep Kumar, P., & Seema, M. (2018). Changes in electro-acoustic characteristics of vocal fatigue in female school teachers by steam inhalation and hydration of H20. Paper presented at National Conference on Voice Assessment and Therapy, NITTE, Mangalore.
95. Prashanth Prabhu, P., Shanthala, S.P., & Nirmala, J. (2017). Test re-test reliability of stimulus frequency otoacoustic emissions in young adults with normal hearing. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
96. Prateek, L., Prakruthi, K., Anshuman, Y., & Abhishek, B.P. (2018). Relationship between conceptual load and output in children with learning disability. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
97. Prawin Kumar, Niraj Kumar Singh, Raghunandana S, Aditi Gargeshwari, & Raghav Hira Jha (2017). Altered middle ear transmission characteristics in osteopenia and osteoporosis. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
98. Prithi, V., Subramanya, K.R. & Dhivya, D. (2018). Concerns in Teacher Training Programme affecting sustainability in human resource development.Poster presented at 83rd NCED- India Annual International Conference, Lucknow, Uttar Pradesh.
99. Prithvi, T., Chandan Kumar Nayak, Kavitha G.S., & Chandni Jain (2018). Comparison of audiometric versus android application-based hearing threshold estimation in children. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
100. Priya, M.B. & Manjula, R. (2018). Phonological representations in children with speech sound disorder. Paper presented at the 50th Annual Convention of Indian Speech and Hearing Association, Mysore.
101. Priya, M.B., Divya Seth, & Sandeep Maruthy (2018). Segmental speech characteristics in individuals with auditory neuropathy spectrum disorder. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
102. Priya, M.B., Divya Seth, & Sandeep, M. (2018). Segmental speech characteristics in individuals with auditory neuropathy spectrum disorders. Paper presented at the 50th Annual Convention of Indian Speech and Hearing Association, Mysore.
103. Priyadharshini, V., Vasupradaa, M., & Yeshoda, K. (2017). Acoustic analysis of voice of temple priests. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
104. Pushpavathi, M. (2017). Impact of timing of surgery on the development of speech in toddlers with repaired cleft lip and palate. Paper presented at the National Symposium of Acoustics, Aligarh Muslim University, U.P.
105. Pushpavathi, M. (2018). Impact of timing of palatal repair on resonance, understandability and acceptability in children with repaired cleft lip and palate*.* Paper presented at IndoCleft Conference 2018, Kolkata.
106. Pushpavathi, M., Kavya, V., & Akshatha, V. (2018). Role of early intervention for children with repaired cleft. Paper presented at the the 50th Indian Speech and Hearing Association Conference, Mysuru.
107. Raghav Jha, Aditi Gargeshwari, Prawin Kumar & Niraj Kumar (2018). Video head impulse testing in blind: feasibility and outcomes. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
108. Raghav Jha, Prawin Kumar, & Niraj Kumar (2018). Modified odd ball paradigm: A novel stimulation method for obtaining inter-frequency amplitude ratio of oVEMP. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
109. Raghavendra ( ). *ಶ್ರವಣದೋಷವುಳ್ಳ ಮಕ್ಕಳಿಗೆ ತರಬೇತಿ ನೀಡುವ ಕನ್ನಡದ ಕಂಪ್ಯೂಟರ್ ತ೦ತ್ರಾ೦ಶ.* Paper presented at Karnataka State Technology Academy, Mysore.
110. Raj Kumar, R. (2018). A Comparative Study on Knowledge among Parents of Intellectually Challenged Children about Early Intervention on their Years of Experience. Paper presented at the National Seminar on Persons with Disabilites: Perspectives, Problems an d Protection, Andhra University, Visakhapatnam.
111. Raj Kumar, R. (2018). Inclutive Education for Children with Special Needs: Role of Early Childhood Educational Program. Paper presented at the National Seminar on Persons with Disabilites:Perspectives, Problems an d Protection, Andhra University, Visakhapatnam.
112. Raj Kumar, R. (2018). Knowledge and Attitudes of Special Teachers towards the Indian Sign Language. Paper presented at the National Seminar on Persons with Disabilites: Perspectives, Problems an d Protection, Andhra University, Visakhapatnam.
113. Rajalakshmi Krishna, Prashasthi Poovaiah, Pratibha Nagalakshmi, N.G., & Rajith, B.N. (2017). Click rate induced facilitation as a tool to measure temporal integration in children with normal hearing and those with hearing impairment. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
114. Rajalakshmi Krishna, Prashasti Poovaiah, & Pratibha Nagalakshmi N.G. (2018). Click rate induced facilitation of acoustic reflex threshold as a measure of temporal integration. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
115. Rajesh Kumar, Vinayagar P.T., Raja Suman, Ganapathy M.K. (2017). Speech evoked binaural interaction component - A comparison of subjective and objective method. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
116. Ramya, V. (2018). Effect of temporal processing training in older adults with temporal processing deficits. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
117. Rashmi Acharekar, Prashanth Prabhu P., Mohini Shirish, Chhandasi Shrikant, & Sanket Satish (2018). Evaluation of awareness among parents of children with hearing impairment regarding the government facilities available for their children. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
118. Renuka (2018). Need for robotic resources in speech and hearing- An Indian study. Paper presented at the International Conference on Electrical, Electronics, Communication & Robotics Engineering (ICEECR).
119. Renuka, C., Ajish K. Abraham, Devi, N., Swapna, N. (2017). Robotic communicative tool in speech and hearing: A review. Paper presented at International Conference on Innovative Research in Engineering and Technology, Mysuru.
120. Renuka, C., Ajish, K. Abraham, Devi, N., & Swapna, N. (2017). Robotic Communicative Tool in speech and hearing: a review.Paper presented at theInternational Conference on Innovative Research in Engineering and Technology (ICIRET-2017) organized by Institute for Engineering and Technical Research, Mysuru*.*
121. Renuka, C., Devi, N., Akshay, M., Ajish K. Abraham (2018). Need for robotic resources in speech and hearing–An Indian study. Paper presented at 39th IRF International Conferences, Bengaluru.
122. Reuben, T.V., Meenu, G., & Jessica, G. (2015). Acoustic analysis of voice in swimmers. Paper presented in FRSM, Odhisa.
123. Reuben, T.V., Meethu, G., & Vyshna, T. (2017). Acoustic analysis of voice in carpenters. Poster presented in FRSM, Rourkela, Odhisa.
124. Rhydhm Gupta, Shilpi Roy, Vivek Singh, & Niraj Kumar (2018). Hearing aid use can cause facial nerve stimulation in cases of neurovascular cross-compression: A case report. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
125. Riddhi Potdar, Srikar Vijayasarathy, & Animesh Barman (2018). Auditory cortical responses in children with and without dyslexia to speech syllable in high and low pass noise. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
126. Sam Publius, A., Shezeen Abdul Gafoor, Varsha M. Athreya, Niraj Kumar Singh (2017). Assessment of semicircular canals and otolith function in individuals with motion sickness. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
127. Sangeetha, M. & Geetha, M.P. (2018). Phonological encoding in children who stutter: Proceedings of ISHA CON, AIISH, Mysore, 5th to 7th January 2017. [[[[proceedings]]]]
128. Sanket Staish, Prashanth Prabhu P., Mohini Shirish, Rashmi Acharekar, & Chhandasi Shrikant (2018). Evlauation of knowledge regarding noise pollution acts of India among ASLP students and practicing audiologists. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
129. Seth, D., & Maruthy, S. (2018). Adaptation and validation of Palin parent rating scale in preschool children who stutter. Paper presented at the 50th Speech and Hearing Association Conference, Mysuru.
130. Seth, D., & Maruthy, S. (2018). Response cost treatment for early intervention in preschool children who stutter. Paper presented at the 50th Speech and Hearing Association Conference, Mysuru.
131. Shanbal, J.C., Sreedevi N., & Arunraj, K., (2017). I CRY: An innovative technology to identify at risk babies with health conditions. Paper presented at the Young Scientist Conclave at IISF 2017, Chennai.
132. Shanbal, J.C., Sreedevi, N., & Arunraj, K. (2017) I CRY: Earlier the better. Participated in the India International Science Film Festival at IISF 2017, Chennai.
133. Shobha, B.N., Kadambari, N. (2017). A study on self concept and academic anxiety among adolescent children with hearing impairment Paper presented at the National Conference on Inclustion: Issues Challenges and Possibilities, University of Delhi, New Delhi.
134. Shobhan, B., Madhu, S.B., Jeevan, G. & Prabhu, P. (2017). Effect of compression ratio on perception of time compressed phonemically balanced words in Telugu. Paper presented at Frontiers of Research in Speech and Music – 2017, Rourkela.
135. Shreyank P Swamy, & Asha Yathiraj (2018). Reliability of different methods of contralateral suppression of TEOAE in children and adults. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
136. Shyamala, K.C. (2017). Assessment and management in ASD: An SLP perspective. Paper presented at the Seminar on Therapeutic Intervention in Autism Spectrum, New Delhi.
137. Shyamala, K.C. (2017). Speech language and communication difficulties in ASD*.* Paper presented at the Seminar on Therapeutic Intervention in Autism Spectrum, …………..[[[[[PLACE]]]]
138. Sindhu Parthasarathy, Jijo Pottakal Mithai, Hemanth Narayan Shetty & Ajith Kumar Uppunda (2017). Hearing handicap and psychoacoustic tests in individuals with cochlear pathology and auditory neuropathy spectrum disorder. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
139. Sindhu, P., Ajith Kumar, U., Hemanth, N. (2017). Working memory and speech perception in individuals with cochlear pathology and auditory neuropathy spectrum disorder. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
140. Slesha Jain, Prithivi, T., Nike Gnanateja, G., Sandeep Maruthy (2018). Speech perception in noise and efferent auditory mechanisms in individuals with and withough stuttering. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
141. Sreedevi, N. (2017). Speech rhythm in Kannada speaking children aged 9-12 years. Paper presented at NSA, Aligarh Muslim University, U.P.
142. Sreedevi, N. (2017). Speech rhythm in Kannada speaking children aged 9-12 years. Paper presented at NSA, Aligarh Muslim University, U.P.
143. Sreedevi, N., & Jyothi, S. (2017). A quatitative analysis of reduplicated and variegated babbling in typically developing infants: A longitudinal study. Paper presented at Frontiers of Research in Speech and Music - 2017, Rourkela.
144. Sreedevi, N., & Jyothi, S. (2017). A quantitative analysis of reduplicated and variegated babbling in typically developing infants: A longitudinal study. Poster presented in FRSM, Rourkela, Odhisa
145. Sreedevi, N.,& Jyothi, S. (2017). A quantitative analysis of reduplicated and variegated babbling in typically developing infants: A longitudinal study. Poster presented in FRSM, Rourkela, Odhisa.
146. Sridevi, N., Shanbal, J.C., & Arunraj, K. (2017) I CRY: An innovative technology to identify at risk babies with health conditions. Poster presentation at the young scientist conclave workshop at IISF 2017, Chennai.
147. Subramanya, K.R., Dhivya, D. (2018). Attitude and awareness about early intervention for children with hearing impaired by ashaworkers. Paper presented at 83rd NCED- India Annual International Conference, Lucknow, Uttar Pradesh.
148. Sujeet Kumar Sinha, Anuj Kumar & Shalini Bansal (2018). Agreement/disagreement between caloric and viedo head impulse test: does it reveal something? Report from three individuals with auditory neuropathy spectrum disorder. Paper presented at the 50th Indian Speech and Hearing Association Conference 2018, Mysuru.
149. Suresh Bhargav, D., Sreedevi, N., Swapna, N., & Srinivas, K. (2017). Whole exome sequencing in the molecular diagnosis of microc:ephaly: A tale of PYCR2 gene and hypomyelinating leukodystrophy-10. Paper presented at the Indian Society for Human Genetics (ISHG), Bengaluru.
150. Suresh Bhargav, D., Sreedevi, N., Swapna, N., & Srinivas, K. (2017). Whole exome sequencing in the molecular diagnosis of microcephaly: A tale of PYCR2 gene and hypomyelinating leukodystrophy-10. Paper presented at the Indian Society for Human Genetics (ISHG) Bengaluru.
151. Swapna, N., Prawin Kumar, Arunraj, Devamma, Mukesh Kumar, & Savithri, S.R. (2018). Significance of associated risk factors among newborn neonatal hearing screening- A preliminary data.  Paper presented at 1st Annual Conference of Bihar Branch of Indian Speech and Hearing Association, Patna, Bihar.
152. Swapna, N., Prawin Kumar, Arunraj, Ms. Devamma, Mr. Mukesh Kumar, Dr. S. R. Savithri. (2018). Significance of Associated Risk Factors among Newborn Neonatal Hearing Screening- A Preliminary Data. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. (repeat of 118)
153. Tina Hephzibha, & Asha Yathiraj (2017). Effect of continous noise on speech identification across different signal to noise ratios in children and adults: A pilot study. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017.
154. Trupti Lata, Niraj Kumar (2018). Test-retest reliability of multi-component tympanometry at 226 hz, 678 hz and 1000hz probe tones over 10 sessions. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
155. Udhayakumar, R., Prithivi, T., & Prashanth Prabhu, P. (2018). Evaluation of differential sensitivity for frequency, intensity and duration around the tinnitus frequency in adults with tonal tinnitus. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
156. Upadhyay, A.K., Alam, & Murshidul (2018).Efficacy of sight word reading in promoting reading skills in preschool children with hearing impairment. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Lucknow.
157. Upadhyay, A.K. (2017). A paradigm shift in pre service teacher education in India. Paper presented in IATE National conference at Madurai- Kamraj University, Madurai.
158. Vasuprada, Priyadarshini, & Rajasudhakar, R. (2017). Vowel duration in L1 and L2 of Tamil adult speakers: A comparative study. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
159. Vidhya Suresh, Bharathi M. Vimal, & Sreeraj Konadath (2017). Development of phonemically balanced word lists for adults in the Malayalam language. Paper presented at the 3rd International Conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
160. Vidhya Suresh, Prashanth Prabhu, & Jithin Raj, B. (2017). Development of high frequency word lists in malayalam. Paper presented at the 3rd International conference on Audiological Sciences, Kasturba Medical College, Manipal University, Mangaluru.
161. Vidya,G., Rachana, H., & Abhishek, B.P. (2018). Cognitive shifting abilities in younger and older individuals. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
162. Vijetha, P. (2018). Formative Assessment Practices of children with hearing impairment in special schools in Mysore. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Lucknow.
163. Vimala, J., Rashika Sharma, & Santosh, M. (2017). Effect of number of LPCs and formant deletion methods of inverse filtering on acoustic parameters of voice. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
164. Yashaswini, L., & Sandeep Maruthy (2018). A revisit to the phenomena of MOCB regulating speech in noise perception. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
165. Yashaswini, L., & Sandeep Maruthy (2018). Dynamics of speech and music perception in musicians and nonmusicians. Paper presented at the 50th Indian Speech and Hearing Association Conference, Mysuru.
166. Yeshoda, K. (2017). Occupational risk factors on voice characteristics in teachers in Mysuru. Poster presented at Voice Foundation’s 46th Annual Symposium: Care of the Professional Voice, Philadelphia, United States of America
167. Yeshoda, K., (2017). Prevalence of voice disorders in teachers in Mysuru. Paper presented at Voice Foundation’s 46th Annual Symposium: Care of the Professional Voice, Philadelphia, United States of America.
168. Yeshoda, K., Reshli, Y.V., Spoorthi, N., & Runali, P. (2017). A comparison of acoustic and electrophysiological measures in young female voice. Paper presented at the NSA-2017 Aligarh Muslim University, UP.
169. Zohra, N.G., Namitha, J., Kavitha, J., & Prabhu, P. (2017). Evaluation of auditory stream segregation in singers and non-singers. Paper presented at Frontiers of Research in Speech and Music – 2017, Rourkela.

**Scientific Publication**

**In-house Publications**

**National/International Publications**

1. Abhilash Shambulingegowda, Prakash, Sundara Raju, H., Rajeshwari, G. (2017). Primary laryngeal tuberculosis mimicking as supraglottic malignancy. *Journal of Evolution of Medical & Dental Sciences (JEMDS),* 6[20]:00-00, (is this volume no. )DOI:1014260/Jemds/2017/0000.
2. Abhishek, B.P., & Darshan, H.S (2017). Lexical semantic activation in persons with aphasia. *Journal of Neurosciences, STM Journal,* 7/3, 20-25.
3. Abhishek, B.P., & Vidya Gowda (2017). Cognitive Linguistic Flexibility in younger and older adults. *Journal of Neurosciences, STM Journal,* 7/3, 12-16.
4. Abhishek, B.P., Sharon, P., Shreya, R., & Shalini, B. (2017). New word learning in persons with anomic aphasia. *IJMBC,* 8, 166-174.
5. Abraham, A.K., Jain, C., &Yashaswini, L. (2017). Effect of ambient noise on pure tone hearing screening test conducted in Indian rural locations. JAIISH (2016), Vol 35, pg. 58-65. Journal of All India Institute of Speech and Hearing, 35, 44-57. (2016 article)
6. Ajish K. Abraham, Abhisheka, T.E., and Manohar, N. (2017). Current strategies for noise reduction in hearing aids - A review. *Journal of All India Institute of Speech & Hearing,* 36, 75-82.
7. Akhila, C., Janani, C., & Abhishek, B.P. (2018). Sibling relationship in children with autism: Perspectives of siblings of children with autism. *Guru Journal of Behavioural Sciences*, 5(4), 739-742.
8. Amoolya, G., & Shanbal, J.C. (In press). Accuracy and syntactic measures of written language in biliterate children with Learning Disability. [Journal of Child Language Acquisition and Development](http://journal.science-res.com/index.php/JCLAD)
9. Amrutha Kalyani, Tonni Sanjeev, S., Jayakumar, T. (2017). Effect of pranayama on dimensions of health: A meta–analysis. *Indian Journal of Ancient Medicine and Yoga,* 10(2) [[[[[pp ]]]]].
10. Anjana , A.V., & Prema, K. S. Rao (2017). English language proficiency of preschool teachers in Kerala: A survey. *Guru Journal of Behavioral and Social Sciences (GjBSS),* 5( 3), 696-701.
11. Apeksha, K., & Kumar A.U. (2017). P300 in individuals with auditory neuropathy spectrum disorder. *Journal of Indian Speech Language and Hearing Association,* 31 (1), 23-28.
12. Asha Yathiraj & GowrammaIttira Poovaiah (2017). Arithmetic school readiness for preschoolers with hearing impairment. *International Journal of Early Childhood Special Education (IINT-JECSE),* 9(1), 34-39. (**SJR = .15, Impact factor =** .39**, H index = 6, SNIP = .34)**
13. Asha Yathiraj & GowrammaIttira Poovaiah (2017). Arithmetic school readiness for preschoolers with hearing impairment. *International Journal of Early Childhood Special Education (IINT-JECSE),* 9(1), 34-39.
14. Asha Yathiraj (2018). Issues in the cochlear implant programme in India. *AYJNISHD-Journal of Cochlear Implant*. [vol. no. and page no.]]]]
15. Bhargav, D.S., Sreedevi, N., Swapna, N., Vivek, S., & Kovvali, S. (2017). Whole exome sequencing identifies a novel homozygous frame shift mutation in the ASPM gene, which causes microcephaly 5, primary, autosomal recessive. F1000Research, 6. [[[[joun\rnal, volume and page nos.]]]
16. Brajesh, P. (2017). Is there similar decline in visual and spatial domains of visuo-spatial working memory with ageing? *Indian Journal of Gerontology,* 31 (2), 152-168.
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11. Manjula, P.V., & Ramanakumari, P.V. (2018).Determining the governing intelligence in preschool children with hearing impairement and to create a suitable intelligence profile for better inclustion. *Souvenir of 83rd NCED- India Annual International Conference* held at Lucknow, Uttar Pradesh, 21st to 23rd February, 2018 (78-79).
12. Anjana, K., Kadambari, N. &Shobha, B. N.(2018). Cognitive Capabilities among Kindergarten, anganwadi, Montessori and Special preschool for Children with Hearing impairment-A comparative study.*Souvenir of 83rd NCED- India Annual International Conference* held at Lucknow, Uttar Pradesh, 21st to 23rd February, 2018 (52).
13. V, Prithi.,Subramanya, K. R. &Dhivya, D. (2018). Concerns in Teacher Training Programme affecting sustainability in human resource development. *Souvenir of 83rd NCED- India Annual International Conference* held at Lucknow, Uttar Pradesh, 21st to 23rd February, 2018 (71).
14. Sharanaiah, M. M., Subramanya, K. R., Dhivya, D. & M, Lakshmi(2018). Attitude and awareness about early intervention for children with hearing impaired by ashaworkers*. Souvenir of 83rd NCED- India Annual International Conference* held at Lucknow, Uttar Pradesh, 21st to 23rd February, 2018 (74).
15. Rajkumar, R., C.B., Suresh &Nidheesh, D. Kuruvila(2018). Knowledge and attitude among teachers of children with Hearing Impairment towards Indian Sign Language*. Souvenir of 83rd NCED- India Annual International Conference* held at Lucknow, Uttar Pradesh, 21st to 23rd February, 2018 (64).
16. Raj kumar, R. & B. N. Shobha(2018).Inclutive Education for Children with Special Needs: Role of Early Childhood Educational Program*.Souvenir ofNational Seminar on Persons with Disabilities: Perspectives, Problems an d Protection, Andhra University, Visakhapatnam*. March 16-17,2018 (42) ISBN No: 978-81-936731-6-4.
17. Raj kumar, R., Suresh., C. B. & Nidheesh, D. K.(2018).Knowledge and Attitudes of Special Teachers towards the Indian Sign Language*.Souvenir ofNational Seminar on Persons with Disabilities: Perspectives, Problems an d Protection, Andhra University, Visakhapatnam*. March 16-17,2018 (48) ISBN No: 978-81-936731-6-4.
18. Raj kumar, R., D. Dhivya & Subramanya, K. R(2018).A Comparative Study on Knowledge among Parents of Intellectually Challenged Children about Early Intervention on their Years of Experience*.Souvenir ofNational Seminar on Persons with Disabilities: Perspectives, Problems an d Protection, Andhra University, Visakhapatnam*. March 16-17, 2018 (91) ISBN No: 978-81-936731-6-4.

**Books**

* Books: The following books were officially released by Director, AIISH on 12/7/2017
* Tele-services Terms and conditions ISBN 978-93-86511-03-4
* Guidelines for students in tele-rehabilitation (Aud, SLP) ISBN 978-93-86511-06-5/07-2
* Policy for tele-services ISBN 978-93-86511-05-8
* Tele-services: Basic instruction manual ISBN 978-93-86511-04-1
* Malar, G. (2017). *Train your child in attention and concentration skills* (English & Hindi versions – Hindi Translation by Chandini Jain). Mysuru, India: AIISH.
* Malar, G. (2017). *Train your child in pre-academic skills* (Hindi version – translated by Chandini Jain). Mysuru, India: AIISH.

**Book Chapters**

* Dr. K. S. Prema- Submitted book chapter titled ‘Paradoxical reflections on bilingualism and biliteracy: Relevance for speech-language pathologists of Sub-Saharan Africa’ for book titled ‘Handbook of Communication Disabilities and Language development in Sub-Saharan Africa’ to be published by Springer Pub.
* Irfana, M., & **Sreedevi, N.** (2017). Speech characteristics of childhood apraxia of speech, in *Language Disorders and differently abled children*, (pp. 71 – 83)International School of Dravidian Linguistics, Thiruvanthapuram: Kerala.

**Journal Editorship**

**Dr. Asha Yathiraj**

* Served as Editor of Indian Speech and Hearing Association Vision 2030
* Served as Compiler of Executive Council Members of the Indian speech and Hearing Association
* Served as Compiler of Addresses by the Presidents of the Indian Speech and Hearing Association

**Dr. Devi N**

* Served as a resource person for E-flipbook for the National Level Colloborative Pilot project – with TCPD, AIISH. Capacity building in Kendriya Vidyalaya Teachers for identification and Management of Children with Learing Disabilities in Classroom – Pilot study. project . The topics were: Screening for Central Auditory processing disorder and Classroom Management of Auditory Processing Skills (C )APD.
* Dr. K. Yeshoda**:** Managing Editor, JAIISH
* Dr. M. Santosh: Associate Editor, JAIISH (till Nov 2017)
* Ms. V. Sahana: Assistant editor, JAIISH

**Scholarly Reviewing Activities**

1. **Journal Articles**

* **Dr. K S Prema:** Reviewer for JISHA (1 No.), Elsevier (1 No.) RIDD (1 No.) and Springer book articles (4 Nos.)
* **Dr. K Yeshoda:** Reviewer for the Journal of Laryngology and Voice (1 No.)
* **Dr. M. Santosh**: Reviewer for JISHA(1 No.), JAIISH (1 No.) & Journal of Communication Disorders (1 No.).
* **G. Malar** – Review of 3 chapters for “Handbook of Research on Psychosocial Perspectives of Human Communication Disorders” to be published by IGI Global.