**ARF Projects (1st April 2020 to 31st March 2021)**

**Completed projects: 60**

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| **Audiology** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
|  | Dr. Niraj Kumar Singh | Dr. Animesh Barman | Optimizing the response filter setting for acquisition of ocular vestibular evoked myogenic potential elicited by air-conduction tone bursts of 500Hz | 1 year | 2014 | SH/CDN/ARF-05/2014-15, Dated: 03.09.2014 | 4,03,000 |
|  | Dr. Hemanth N | Dr. Jijo. P M & Dr. Vijay Kumar Narne | Is Acceptance Noise Level a deciding factor of tinnitus management using hearing aids? | 1 year | 2014 | SH/CDN/ARF-15/2014-15, Dated: 24.09.2014 | 4,03,000 |
|  | Dr. Geetha C | Mr. Kishore Tanniru | Evaluation of digital signal processing features in hearing aids with ear to ear synchronization | 1 year | 2014 | SH/CDN/ARF-16/2014-15, Dated: 15.10.2014 | 4,03,000 |
|  | Dr. Prawin Kumar | Ms. C Geetha | Relationship between behavioural measures and aided cortical potential responses in children with hearing impairment (6 months to 5 years) | 1 year | 2014 | SH/CDN/ARF-18/2014-15, Dated: 14.10.2014 | 4,03,000 |
|  | Dr. Prawin Kumar | Dr. Niraj Kumar Singh | Effectiveness of CBAT in children with CAPD-Evidences from Electrophysiology study | 1 year | 2014 | SH/CDN/ARF-17/2014-15, Dated: 15.10.2014 | 5,83,000 |
|  | Ms. Geetha C | Dr. Hemanth N | Relationship between Envelop Difference Index (EDI) and Speech Perception with Noise Reduction Strategies In Hearing Aids | 1 year | 2015 | SH/CDN/ARF-36/2015-16, Dated; 02.11.2015 | 4,33,000 |
|  | Dr. P Manjula | Ms. Megha | Effectiveness of SNR-50 and SNR Loss in hearing aid evaluation | 1 year | 2015 | SH/CDN/ARF-35/2015-16, Dated; 02.11.2015 | 4,33,000 |
|  | Mr. Niraj Kumar Singh | Dr. Rajeshwari G | Bithermal caloric test and video impulse test for the assessment of unilateral vestibular pathologies | 1 year | 2015 | SH/CDN/ARF-31/2015-16, Dated; 05.10.2015 | 4,33,000 |
|  | Dr. Ajith Kumar U | Dr. Santosh M | Neural Correlates of Perceptual Learning of Non-native speech sound contrast | 1 year | 2015 | SH/CDN/ARF-28/2015-16, Dated; 12.10.2015 | 4,33,000 |
|  | Mr. Sreeraj K | Ms. Suma Chatni | Noise Mapping of Mysuru City with additional funding | 1 year  3 months | 2015 | SH/CDN/ARF-27/2015-16, Dated; 05.10.2015 | 4,93,000 (existing)  6,70,000 (revised) |
|  | Dr. Animesh Barman |  | Within and across temporal resolution abilities in individuals with normal hearing, sensorineural hearing loss and auditory neuropathy spectrum disorders | 1 year | 2015 | SH/CDN/ARF-26/2015-16, Dated; 05.10.2015 | 4,33,000 |
|  | Dr. Sandeep M | Ms. Chandni Jain | Effect of auditory deprivation on some aspects of temporal processing and speech perception abilities | 1 year | 2015 | SH/CDN/ARF-25/2015-16, Dated; 05.10.2015 | 4,33,000 |
|  | Dr. Prawin Kumar | Dr. Raghunandana S | Audiological and vestibular assessment in persons with osteoporosis and osteopenia | 1 year | 2016 | SH/CDN/ARF-63/2016-17, Dated: 14.09.2016 | 4,93,000 |
|  | Dr. Ajith Kumar U | Dr. Hemanth N | Contributory Factors of Hearing Handicap in individuals with Sensorineural Hearing loss and Auditory Neuropathy Spectrum Disorder (ANSD) | 1 year | 2016 | SH/CDN/ARF-59/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | Mr. Prashanth Prabhu | Mr. Jithin Raj B | Development of low frequency range word lists in Malayalam | 1 year | 2016 | SH/CDN/ARF-58/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | Mr. Sachchidanand Sinha & Dr.Niraj Kumar Singh | Mr. Nirnay Kumar Keshree & Dr. Shenal Kothari | Effect of cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential | 1 year | 2016 | SH/CDN/ARF-57/2016-17, Dated; 14.09.2016 | 4,93,000 |
|  | Dr. P Manjula | - | Exploring Real World Hearing Aid Usage and Outcome: Current Indian Scenario | 1 year | 2016 | SH/CDN/ARF-55/2016-17, Dated; 14.09.2016 | 4,93,000 |
|  | Dr. Asha Yathiraj | - | Effect of spatial noise on speech identification | 1 year | 2016 | SH/CDN/ARF-54/2016-17, Dated; 14.09.2016 | 4,93,000 |
| 19. | Dr. Geetha C | Dr. Chandni Jain | Relationship between Hearing Aid Benefit and Auditory Processing Abilities in Elderly Individuals with Hearing Impairment | 1 year | 2017 | SH/CDN/ARF-AUD-7/2017-18, dated; 27.07.2017 | 5,05,000 |
| 20. | Dr. Chandni Jain | Ms. Priya M B | Auditory Processing in Children with Speech Sound Disorders | 1 year | 2017 | SH/CDN/ARF-AUD-4/2017-18, dated; 27.07.2017 | 5,05,000 |
| 21. | Prof. Asha Yathiraj | - | Speech Identification in the Non-aided ear in Monaural Hearing Aid Users | 1 year | 2018 | SH/CDN/ARF-AUD-2/2018-19, dated 09.10.2018 | 4,93,000 |
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| 22. | Dr. Prashanth Prabhu P | - | Development of AIISH Hyperacusis Assessment Toolbox for Individuals with Tinnitus Associated with Hyperacusis | 1 year | 2018 | SH/CDN/ARF-AUD-1/2018-19, dated 09.10.2018 | 4,93,000 |

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| **Electronics** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 23.. | Dr. Ajish K Abraham | - | Development of a cost effective configuration for optimal quality recording for speech analysis | 1 year | 2016 | SH/CDN/ARF-67/2016-17, Dated: 27.09.2016 | 4,93,000 |

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| **ENT** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 24. | Dr. T K Prakash | Dr. H Sundara Raju & Ms. Devi N | Effect of Canal Widening (Type I Tympanoplasty) on Hearing Sensitivity | 1 year | 2015 | SH/CDN/ARF-39/2015-16, Dated; 03.11.2015 | 4,99,000 |

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| **Library** | | | | | | | |
| **Sl.**  **No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 25. | Dr. Shijith Kumar C | Mr. Nanjunda Swamy M & Mr. Nandeesha B | Database on Communication Disorders published in India | 1 year | 2016 | SH/CDN/ARF-69/2016-17, Dated: 05.10.2016 | 4,20,000 |

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| **Clinical Psychology** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 26. | Dr. S Venkatesan | - | Development of Toy Usage Index for Children with Developmental Disabilities | 1 year | 2014 | SH/CDN/ARF-06/2014-15, Dated: 03.09.2014 | 3,01,000 |

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| **Special Education** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 27. | Dr. Palnaty Vijetha | Dr. Alok Kumar Upadhyay | Development of a Grade Level Assessment Tool in Social Science (GLAT-SS) of Karnataka State Education Board | 1 year | 2018 | SH/CDN/ARF-Spl.Ed-2/2018-19, dated; 09.10.2018 | 3,85,000 |
| 28. | Dr. Alok Kumar Upadhyay | Dr. Palnaty Vijetha | Efficacy of Developing Skills through Curricular Activities among Preschool Children with Hearing Impairment at AIISH | 1 year | 2018 | SH/CDN/ARF-Spl.Ed-1/2018-19, dated; 09.10.2018 | 3,80,000 |
| 29. | Dr. Palnaty Vijetha | Dr. G Malar, Mr. Rajkumar R & Ms. Leelarani S B | Efficacy of self learning adapted social studies lessons in Kannada and Telugu and Children with hearing impairment at Secondary School Level | 1 year | 2015 | SH/CDN/ARF-41/2015-16, Dated; 10.11.2015 | 3,25,000 |

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| **Speech Language Pathology & Speech Language Sciences** | | | | | | | |
| **Sl.No** | **Investigators** | | **Title** | **Duration of the Project** | **Year of sanction** | **Sanction Num** | **Amount in Rupees** |
| **PI** | **Co-PI** |
| 30. | Dr. Y V Geetha | Ms. Sangeetha Mahesh | AIISH Survey of Fluency Disorders | 1 year | 2014 | SH/CDN/ARF-01/2014-15, Dated: 26.08.2014 | 4,03,000 |
| 31. | Dr. S Ramkumar &  Dr. S P Goswami | - | Status Report of Speech and Hearing Professionals Graduated from AIISH – National and Global Scenario | 1 year | 2014 | SH/CDN/ARF-07/2014-15, Dated: 03.09.2014 | 4,50,000 |
| 32. | Dr. K C Shyamala |  | Development and Validation of Pragmatic Skill Checklist in Children with Autism Spectrum Disorder | 1 year | 2014 | SH/CDN/ARF-08/2014-15, Dated: 24.09.2014 | 4,03,000 |
| 33. | Dr. Shyamala K C | - | Development and Validation of Video Manual for Different Management Techniques in Children with Autism Spectrum Disorders | 1 year | 2014 | SH/CDN/ARF-09/2014-15, Dated: 24.09.2014 | 4,03,000 |
| 34. | Dr. N Sreedevi | Dr. Jayashree C Shanbal & Mr. Arunraj K | Development and Validation of a Computerized Screening Tool for Infant Cry | 1 year | 2014 | SH/CDN/ARF-10/2014-15, Dated: 24.09.2014 | 4,43,000 |
| 35. | Dr. N Swapna | - | Validation of Feeding Handicap Index in Children with Intellectual Disability and Autism Spectrum Disorders | 1 year | 2014 | SH/CDN/ARF-11/2014-15, Dated: 24.09.2014 | 4,03,000 |
| 36. | Mr. Kuppuraj S | Dr. K S Prema | Nature of Non-explicit Declarative and Procedural Memory Systems in Pre-Adolescents with Specific Language Impairment: Examining the Post Scripts of Procedural Deficit Hypothesis | 1 year | 2014 | SH/CDN/ARF-13/2014-15, Dated: 20.10.2014 | 4,03,000 |
| 37. | Mr. Abhishek B P | Dr. K S Prema | Lexical Semantic Processing in Persons with Aphasia: Correlational Study of Psycholinguistic and Neurolinguistic Measures | 1 year | 2014 | SH/CDN/ARF-14/2014-15, Dated: 24.09.2014 | 4,03,000 |
| 38. | Dr. N Sreedevi | Dr. N Swapna & Dr. Srinivas Kovalli | Genetic insights of cerebral palsy using massively parallel sequencing | 2 years | 2015 | SH/CDN/ARF-40/2015-16, Dated; 10.11.2015 | 6,31,000 |
| 39. | Dr. Hema N | - | Effect of Noise and Noise Reduction Technique on Speaker Identification | 1 year | 2015 | SH/CDN/ARF-34/2015-16, Dated; 02.11.2015 | 4,33,000 |
| 40. | Dr. N Swapna | - | Development and Standardization of an Oral Sensorimotor Evaluation Protocol for Children (OSEP-C) | 1 year | 2015 | SH/CDN/ARF-22/2015-16, Dated; 05.10.2015 | 4,33,000 |
| 41. | Dr. Rajasudhakar R | - | Lexical Processing in Type 2 Diabetes | 1 year | 2016 | SH/CDN/ARF-70/2016-17, Dated: 25.10.2016 | 4,93,000 |
| 42. | Dr. K C Shyamala | - | Development of Severity Rating Scale for Children with Autism Spectrum Disorders | 1 year | 2016 | SH/CDN/ARF-64/2016-17, Dated: 20.09.2016 | 4,93,000 |
| 43. | Dr. Navya A | Dr. Pushpavathi M | Validation of Nasality Severity Index | 1 year | 2016 | SH/CDN/ARF-52/2016-17, Dated; 14.09.2016 | 4,93,000 |
| 44. | Dr. Sangeetha Mahesh | Ms. M P Geetha | Phonological Encoding in Children with Stuttering | 1 year | 2016 | SH/CDN/ARF-50/2016-17, Dated; 08.09.2016 | 4,93,000 |
| 45. | Dr. M Santosh | Dr. M Sandeep | Behavioral and Electrophysiological Correlates (N400) of lexical and phonological access in children with stuttering | 1 year | 2016 | SH/CDN/ARF-49/2016-17, Dated; 14.09.2016 | 4,93,000 |
| 46. | Dr. Brajesh Priyadarsi | Dr. S P Goswami | An Adaptation of Banks on Language Screening Test in Hindi (BLST-H) | 1 year | 2016 | SH/CDN/ARF-47/2016-17, Dated; 08.09.2016 | 4,93,000 |
| 47. | Dr. Brajesh Priyadarsi | Ms. Gayathri Krishnan | An Adaptation of Early Reading Skills (ERS) in Malayalam (ERS-M) | 1 year | 2016 | SH/CDN/ARF-46/2016-17, Dated; 08.09.2016 | 4,93,000 |
| 48. | Dr. S P Goswami | Dr. Muralidharan Nair, Dr. Sylaja, Ms. Gayathri Krishnan & Ms. Manju Mohan | Changed title: A Descriptive Study on the Video-Fluroscopic Measures of Neurogenic Dysphagia in Patients with Stroke and Motor Neuron Disease  Old title: Swallowing Impairments in Persons with Brain Damage | 1 year | 2016 | SH/CDN/ARF-44/2016-17, Dated; 08.09.2016 | 4,93,000 |
| 49. | Dr. R Rajasudhakar | - | A pre-post comparison of vocal loading using infrared thermography in phono-normals | 1 year | 2017 | SH/CDN/ARFSP2/2017-18, dated: 28.07.2017 | 5,03,000 |
| 50. | Dr. Brajesh Priyadarshi | Dr. S P Goswami | TOLD-H: An adaptation of TOLD | 1 year | 2017 | SH/CDN/ARFSP8/2017-18, dated: 28.07.2017 | 4,96,000 |
| 51. | Dr. Abhishek B P | Dr. R Rajasudhakar | Executive functions in normal aging and persons with mild cognitive impairment | 1 year | 2017 | SH/CDN/ARFSP7/2017-18, dated: 28.07.2017 | 4,98,000 |
| 52. | Dr. Hema N | - | Discourse and working memory in Neuro-typical individuals and adults with Aphasia | 1 year | 2017 | SH/CDN/ARFSP5/2017-18, dated: 28.07.2017 | 4,98,000 |
| 53. | Dr. Santhosh M & Dr. Usha Devadas | - | Vocal Dose and Immediate Effects of the Straw Phonation Exercises on Parameters of Vocal Loading in Carnatic Classic Singers | 1 year | 2018 | SH/CDN/ARF-SLP-10/2018-19, dated; 09.10.2018 | 4,83,000 |
| 54. | Dr. Santhosh M & Dr. Pallavi Kelkar | - | Construction and Validation of a Short Version of the Impact Scale for Assessment of Cluttering and Stuttering (ISACS) | 1 year | 2018 | SH/CDN/ARF-SLS-9/2018-19, dated; 30.10.2018 | 4,83,000 |
| 55. | Dr. T Jayakumar | - | Standardization of Linguistic Profile Test (LPT) in Tamil | 1 year | 2018 | SH/CDN/ARF-SLS-8/2018-19, dated; 09.10.2018 | 4,88,000 |
| 56. | Dr. Sangeetha Mahesh | - | Development and Standardization of Reading Passages for Children in Kannada | 1 year | 2018 | SH/CDN/ARF-SLP-5/2018-19, dated; 01.11.2018 | 4,93,000 |
| 57. | Dr. N Sreedevi | Dr. Sangeetha M | Development of a Preliminary test for Assessment of Prosody in Children with SLI | 1 year | 2018 | SH/CDN/ARF-SLP-4/2018-19, dated; 09.10.2018 | 4,88,000 |
| 58. | Dr. S P Goswami | Dr. Abhishek B P | Development of an Objective tool for Aphasia Assessment through Artificial Neural Networks | 1 year | 2018 | SH/CDN/ARF-SLP-3/2018-19, dated; 30.10.2018 | 4,83,000 |
| 59. | Dr. Swapna N | - | Development and Validation of a Screening Tool for Detection of Dysphagia in Neonates | 1 year | 2018 | SH/CDN/ARF-SLP-2/2018-19, dated; 09.10.2018 | 4,93,000 |
| 60. | Dr. K C Shyamala | - | Cognitive Linguistic Abilities Across Different Vocations | 1 year | 2016 | SH/CDN/ARF-62/2016-17, Dated: 14.09.2016 | 4,93,000 |