**Last update : 31.03.2022**

**ALL INDIA INSTITUTE OF SPEECH AND HEARINlG: MYSORE-06 **

**Period: 2021-22**

**4.5.3 List of completed schemes / projects / Programme**

**A) List of Completed ARF Projects: 54 Nos**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Project Team**  | **Name of the Project** | **Duration**  | **Year of sanction** | **Sanction Num** | **Financial Implication** |
| **PI** | **Co-PI** |
|  | Dr. Ajish K Abraham  | - | A Comparitive study on the influence of recording options on speech analysis |  |  |  | 4,93,000 |
|  | Dr. S P Goswami,  | Dr. Muralidharan Nair, Dr. Sylaja, Ms. Gayathri Krishnan & Ms. Manju Mohan | A descriptive study on the video-fluroscopic measures of neurogenic dysphagia in patients with stroke and motor neuron disease | 1 year | 2016 | SH/CDN/ARF-44/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | 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 |
|  | Dr. Y.V Geetha | Dr. Sangeetha Mahesh | AIISH survey of fluency disorders | 1 year | 2014 | SH/CDN/ARF-01/2014-15, Dated: 26.08.2014 | 4,03,000 |
|  | Dr. Brajesh Priyadarsi  | Dr. S.P Goswami | An adaptation of Bankson language screening test in hindi (BLST-H) | 1 year | 2016 | SH/CDN/ARF-47/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | 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 |
|  | 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. 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 |
|  | 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 |
|  | Dr. 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. 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
|  | Dr. Prashanth Prabhu  | Dr. 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 |
|  | 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 |
|  | 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 |
|  | Dr. Hema N. | - | Discourse and working memory in neuro-typical individuals and adults with aphasia | 1 year | 2017 | SH/CDN/ARF-SP-5/2017-18, dated: 28.07.2017 | 4,98,000 |
|  | Dr. Sandeep M.  | Dr. 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 |
|  | 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. 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 |
|  | 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 |
|  | Dr. P Manjula | Dr. 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 |
|  | 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 |
|  | 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 |
|  | 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. 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 |
|  | Dr. P. Manjula | - | Exploring real world hearing aid usage and outcome: Current Indian scenario | 1 year | 2016 | SH/CDN/ARF-55/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | 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 |
|  | Dr. Santhosh M. | Dr. Usha Devadas | Immediate effects of the straw phonation exercise on systematic hydration of vocal loading in carnatic classic singers | 1 year | 2018 | SH/CDN/ARF-SLP-10/2018-19, dated; 09.10.2018  | 4,83,000 |
|  | 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. Rajasudhakar R | - | Lexical processing in type 2 diabetes | 1 year | 2016 | SH/CDN/ARF-70/2016-17, Dated: 25.10.2016 | 4,93,000 |
|  | 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 |
|  | Dr. 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 |
|  | 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 |
|  | Dr. 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 | 6,70,000 |
|  | 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. 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 |
|  | Dr. Prawin Kumar | Dr. 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. 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. 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 |
|  | Dr. 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 |
|  | 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 |
|  | 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 |
|  | Dr. Brajesh Priyadarshi | Dr. S.P Goswami | TOLD-H: An adaptation of TOLD |  |  |  | 4,96,000 |
|  | 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 |
|  | 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 |
|  | 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 |

**B) Extramural Projects**

**List of Completed Extramural Projects: 2020-21 - NIL**