**Last update : 31.03.2022**

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

**Period: 2021-22**

**4.5.4 List of schemes/ projects/ programme underway**

**A) List of ARF Ongoing Projects: 45 Nos**

| **Sl.No** | **Project Investigator** | **Co-Project Investigator** | **Name of the Project** | **Duration**  | **Year of sanction** | **Sanction Num** | **Financial Implication** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dr. R Rajasudhakar | - | Adaptation and validation of vocal fatigue index (VFI) in Kannada | 1 year | 2015 | SH/CDN/ARF-32/2015-16, Dated; 02.11.2015 | 4,33,000 |
|  | Dr. K Rajalakshmi,  | Mr. Vinaya K.C, Prof. David Baguly& Prof. Gerhard Andersson | An exploratory study of tinnitus in Indian context |  |  |  | 4,03,000 |
|  | Dr. K Rajalakshmi | - | Auditory brain plasticity: in carnatic vocalists, instrumental musicians and non-musicians |  |  |  | 4,03,000 |
|  | Mr. Prashanth Prabhu | - | Auditory temporal processing in older adults: A behavioural and electrophysiological measures | 1 year | 2017 | SH/CDN/ARF-AUD-3/2017-18, dated; 27.07.2017 | 5,18,000 |
|  | Mr. Rahul Krishnamurthy | Dr. Prasanta Kumar Ghosh, Dr. Suja S & Dr. T.K Prakash | Automatic quantification of the glottal area in the stroboscopic videos using deep neural network  | 1 year | 2018 | SH/CDN/ARF-SLP-GK/2018-19, dated; 30.10.2018 | 9,86,000 |
|  | Dr. Ajish K Abraham | Dr. Leena Mary &Dr. N. Sreedevi | Automation of Malayalam articulation test using automatic speech recognition techniques | 1 year | 2017 | SH/CDN/ARFELECT1/2017-18, dated: 28.07.2017 | 5,00,000 |
|  | Dr. Sandeep M. | Dr. Abhishek B.P&Dr. Chandni Jain | Behavioral and electro physiological correlates of lexical semantic activation in high and low proficient bilinguals | 1 year | 2018 | SH/CDN/ARF-AUD-3/2018-19, dated; 06.11.2018 | 4,88,000 |
|  | Dr. Hema N.  | Dr. Devi N. | Behavioural and electrophysiological (P300) correlates for visual and auditory process in Alzheimer’s diseases | 1 year | 2018 | SH/CDN/ARF-SLP-14/2018-19, dated; 09.10.2018 | 4,88,000 |
|  | Dr. Santosh M.  | Dr. Abhishek B.P. | Behavioural and electrophysiological correlates (N400) of lexical access in bilingual adults with stuttering  | 1 year | 2015 | SH/CDN/ARF-24/2015-16, Dated; 05.10.2015 | 4,33,000 |
|  | Dr. Megha  | Mr. Jawahar Antony | Cochlear implant outcome measures: Comparison of rating scales and speech perception | 1 year | 2019 | SH/CDN/ARF-AUD-GB1/2019-20, dated; 15.07.2019 | 5,05,000 |
|  | Dr. Jayashree C. Shanbal | Mr. Hariharan V. | Cognitive linguistic intervention program for children at risk for learning disability | 1 year | 2018 | SH/CDN/ARF-SLP-1/2018-19, dated; 09.10.2018 | 4,93,000 |
|  | Mr. Manohar N,  | Mrs. Revathi K.R., Mr. Prashanth Prabhu P. & Mr. Raghavendra G.N. | Computerized auditory training for Kannada speaking children with hearing impairment | 1 year | 2015 | SH/CDN/ARF-42/2015-16, Dated; 09.12.2015 | 3,31,000 |
|  | Dr. Shijith Kumar C., | Dr. Manohar N.&Dr. Malar G. | Design and development of e-learning platform and faculty profile system | 1 year | 2018 | SH/CDN/ARF-Elect-3/2018-19, dated; 09.10.2018 | 4,68,000 |
|  | Dr. Shijith Kumar C.,  | Mr. Nanjunda Swamy M., Mr. Nidheesh David Kuruvilla, Mr. Lokesh P.& Mr. Raghavendra G.N. | Design, development and validation of open source platform for AIISH digital repository and online public access catalogue | 1 year | 2016 | SH/CDN/ARF-68/2016-17, Dated: 05.10.2016 | 3,00,000 |
|  | Ms. P V Ramanakumari,  | Dr. Ajish K. Abraham & Ms. P.V Manjula | Development and evaluation of indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs | 1 year | 2016 | SH/CDN/ARF-66/2016-17, Dated: 27.09.2016 | 3,85,000 |
|  | Dr. K. Rajalakshmi  | Ms. Mamatha N.M & Dr. Ramadevi Sreenivas K.J | Development and standardization of questionnaire to assess the outcome in adult hearing aid users | 1 year | 2015 | SH/CDN/ARF-38/2015-16, Dated; 03.11.2015 | 4,33,000 |
|  | Dr. Hema N  | - | Development and standardization of western aphasia battery in Tamil | 1 year | 2018 | SH/CDN/ARF-SLP-6/2018-19, dated; 09.10.2018 | 4,88,000 |
|  | Dr. Swapna N | - | Development and validation of a mobile application tool for airthmeticconcept teaching for preschoolers |  |  |  | 7,88,000 |
|  | Dr. Prithi Venkatesh | - | Development of grade level assessment test in science for upper primary school children (VI-VIII) | 1 year | 2018 | SH/CDN/ARF-Spl.Ed-3/2018-19, dated; 09.10.2018 | 4,00,000 |
|  | Dr. Geetha C. &Dr. Devi N. | - | Development of phonemically balanced word lists in Tamil language for adults | 1 year | 2018 | SH/CDN/ARF-AUD-6/2018-19, dated; 09.10.2018 | 5,88,000 |
|  | Dr. Ajith Kumar U.  | Dr. Hemanth N. | Development of some auditory related cognitive tests: assessment of cognitive reserve in individuals with older adults | 1 year | 2018 | SH/CDN/ARF-AUD-9/2018-19, dated; 09.10.2018 | 9,51,000 |
|  | Mr. Manohar N | - | Development of speech enabled communication tool for clients with speech impairment in Kannada | 1 year | 2018 | SH/CDN/ARF-Elect-2/2018-19, dated; 09.10.2018 | 4,95,000 |
|  | Mr. Freddy Antony | Mr. Sanjeev Kumar Gupta | Disability evaluation in mental retardation using WHODAS 2.0 in a clinical setting | 1 year | 2015 | SH/CDN/ARF-43/2015-16, Dated; 09.12.2015 | 3,25,000 |
|  | Dr. N Swapna | - | Effect of combined tactile, thermal and gustatory stimulation on feeding and swallowing in children with cerebral palsy | 1 year | 2017 | SH/CDN/ARF-71/2016-17, Dated: 02.01.2017 | 4,93,000 |
|  | Dr. G Malar | Ms. P. Prathima | Effect of resource material on impact of inclusive education in children with intellectual disabilities (ID) and learning disabilities (LD) | 1 year | 2016 | SH/CDN/ARF-65/2016-17, Dated: 27.09.2016 | 3,85,000 |
|  | Dr. Prawin Kumar | Dr. M Bhanukumar,Dr. Niraj Kumar Singh, Mr. Vipin Ghosh &Dr. Kumari Apeksha | Electrophysiological assessment of auditory and vestibular neural functioning in individuals with diabetes mellitus | 3 years | 2018 | SH/CDN/ARF-AUD-8/2018-19, dated; 09.10.2018 | 4,88,000 |
|  | Dr. Devi N. | - | Encoding of speech and music at auditory brainstem (frequency following response) with and without hearing aid | 1 year  | 2017 | SH/CDN/ARF-AUD-6/2017-18, dated; 27.07.2017 | 4,98,000 |
|  | Dr. Amrita Kanchan  | Dr. Nawab A Khan | Feasibility of standardized neuropsychological tests in assessment of patients with aphasia | 1 year | 2017 | SH/CDN/ARFPSYCH2/2017-18, dated: 28.07.2017 | 3,30,000 |
|  | Dr. S.P Goswami  | Dr. Swathi Kiran  | Field-testing of ‘Constant Therapy’ in Hindi and Kannada |  |  |  | 4,93,000 |
|  | Dr. Niraj Kumar Singh  | Dr. Prawin Kumar | Impact of acoustic stimuli used for various measures of VEMP on the auditory system | 3 years | 2016 | SH/CDN/ARF-61/2016-17, Dated: 14.09.2016 | 4,93,000 |
|  | Dr. Ajith Kumar U.  | Dr. Nisha K.V | Implementation and validation of portable virtual acoustic spatial training (VAST) programme for remediation of spatial deficits in listeners with sensorineural hearing Impairment (SNHL): A longitudinal time – series study | 1 year | 2018 | SH/CDN/ARF-AUD-4/2018-19, dated; 09.10.2018 | 4,85,000 |
|  | Dr. S.P Goswami |  | Life satisfaction and quality of life in persons with aphasia beyond communication | 1 year | 2017 | SH/CDN/ARFSP1/2017-18, dated: 28.07.2017 | 4,96,000 |
|  | Dr. Jayashree C Shanbal,  | Ms. Mamatha N.M. &Gopi Shankar R | Morphosyntactic processing in dyslexia: application of an ERP measure | 1 year | 2014 | SH/CDN/ARF-12/2014-15, Dated: 24.09.2014 | 4,03,000 |
|  | Dr. K. Rajalakshmi | Mr. Prashasti P. Poovaiah | Normative data for click rate induced facilitation for assessing temporal integration  | 1 year | 2016 | SH/CDN/ARF-56/2016-17, Dated; 08.09.2016 | 4,93,000 |
|  | Dr. Yeshoda K  | Dr. Sreeraj K  | Perception and production of prosody in children with hearing impairment | 1 year | 2018 | SH/CDN/ARF-SLP-KY/2018-19, dated; 01.11.2018 | 4,93,000 |
|  | Dr. Jayakumar T. | - | Prevalence and risk factors for voice problems and effect of voice projection training in imans | 1 year | 2018 | SH/CDN/ARF-SLP-15/2018-19, dated; 09.10.2018 | 4,88,000 |
|  | Dr. Usha Devdas  | Dr. M Santosh | Prevalence and risk factors of voice problems and knowledge of vocal health in professional carnatic singers and non-singers |  |  |  | 4,93,000 |
|  | Dr. Prashanth Prabhu,  | Dr. Shijith Kumar C & Dr. Priya M.B | Product development of useful products of research carried out at AIISH | 1 year | 2017 | SH/CDN/ARF-AUD-8/2017-18, dated; 27.07.2017 | 5,03,000 |
|  | Dr. Sunil Kumar Ravi, | Dr. Pebbli Gopikishore & Dr. Shyamala K.C | Reading impairments in Kannada-English bilinguals individuals with fluent & non-fluent types of aphasia  | 1 year | 2017 | SH/CDN/ARF-SP-9/2017-18, dated: 06.09.2017 | 5,08,000 |
|  | Dr. Chandni Jain,  | Dr. Chetak K.B & Mr. Vipin Ghosh | Relationship between auditory abilities and iron deficiency anemia in adolescent girls | 1 year | 2018 | SH/CDN/ARF-AUD-5/2018-19, dated; 09.10.2018 | 5,33,000 |
|  | Dr. Anjana B. Ram | Mr. Mahesh BVM | Short term correlations between speech motor variability and behavioural dysfluencies in persons with stuttering following fluency shaping therapy | 1 year | 2018 | SH/CDN/ARF-SLP-11/2018-19, dated; 09.10.2018 | 4,85,000 |
|  | Dr. Hema N.  | Dr. K C Shyamala | Standardization of a discourse analysis scale for conversation, narration and picture description in kannada (DAS) | 1 year | 2014 | SH/CDN/ARF-02/2014-15, Dated: 26.08.2014 | 4,03,000 |
|  | Dr. S.P Goswami,  | Dr. Julie A Hengst, Ms. Sonal V Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi & Ms. Pinky Singh | Stories of aphasia: exploring paths to recovery in India  | 3 years | 2014 | SH/CDN/ARF-19/2014-15, Dated: 22.10.2014 | 11,99,000 |
|  | Dr. Abhishek B.P.  | Dr. K.C Shyamala | Syntactic judgment abilities in persons with non fluent aphasia  | 1 year | 2015 | SH/CDN/ARF-33/2015-16, Dated; 02.11.2015 | 4,33,000 |
|  | Dr. K. Rajalakshmi,  | Dr. Srinivas K., Dr. Sreedevi N. &Dr. Jayakumar | The genetics of sensorineural hearing loss |  |  |  | 9,68,000 |

**B) Extramural Projects**

**Period: 2020-21**

 **List of Ongoing Projects – 06 Nos**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Project Team** | **Name of the Project** | **Funding Agency** | **Year of sanction** | **Sanction Num** | **Financial Implication** |
| **PI** | **Co-PI** |
|  | Dr. K Rajalakshmi | Dr. Arun Kumar Gupta | FMRI & ERP evidence for improvement in Audio-Visual integration in individuals with ANSD post speech reading training | DST | 2018 | SB/SO/HS-50/2013, Dated; 23.12.2016 | 35,29,000 |
|  | Dr. Sandeep M  | Dr. Santhosh M  | Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss  | DST | 2018 | SR/CSRI/132/2016, Dated: 01.08.2017 | 53,23,000 |
|  | Dr. Prawin Kumar | Dr. Niraj Kumar Singh  | Efficacy of computer based training module on auditory and cognitive skills in children with CAPD | DST | 2018 | SR/CSRI/85/2016 (G), Dated: 19.06.2017 | 28,49,000 |
|  | Dr. Ajith Kumar U  | Dr. Sandeep M  | Auditory and cognitive consequences of dys-synchronous auditory nerve activity.  | DST | 2018 |  DST/CSRI/2017/61 (G), Dated: 28.09.2018 | 42,78,000 |
|  | Dr. Animesh Barman & Dr. Swapna N  | Dr. Prashanth Prabhu  | Neuroaudiological profiling of Children with Specific Language Impairment  | DST | 2018 | DST/CSRI/2017/24 (G), Dated: 08.08.2018 | 43,50,000 |
|  | Dr. Iracema Leroi | Dr. Nusrat Hussain, Dr. S P Goswami, Dr. Murali Krishnan & Dr. Sandeep M  | Sense-Cog Asia: An open label feasibility study of a supportive hearing intervention in dementia  | GCRF | 2019 |  | 4,75,000 |