**Last update : 19.04.2021**

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

**Period: 2020-21**

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

**A) List of Ongoing Projects: 50 Nos**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Project Team**  | **Name of the Project** | **Duration**  | **Year of sanction** | **Sanction Num** | **Financial Implication** |
| **PI** | **Co-PI** |
|  | Ms. Megha  | - | 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. 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. 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. 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. 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. Swapna N | - | Development and Validation of a Mobile Application Tool for Airthmetic Concept Teaching for Preschoolers | 1 year | 2018 | SH/CDN/ARF-Elect-1/2018-19, dated; 09.10.2018 | 7,88,000 |
|  | 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. 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. 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  | - | 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. 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 |
|  | Dr. P. Gopikishore & 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. K Rajalakshmi | Dr. Jayakumar T, Dr. Srinivas K & Dr. N Sreedevi | Genetics of Sensori Neural Hearing Loss | 1 year | 2018 | SH/CDN/ARF-AUD-2/2017-18, Dated: 15.04.2019 | 9,28,000 |
|  | 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 |
|  | 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. 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. 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. 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. 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. 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. 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 |
|  | Mr. Ganapathy M K  | Dr. Hemanth N & Dr. 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 |
|  | 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. 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. 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. 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 |
|  | 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. 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. 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 |
|  | 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 |
|  | 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. Prashanth Prabhu & Dr. Priya M B | Dr. Shijith Kumar C | 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. Brajesh Priyadarshi | Dr. S P Goswami | TOLD-H: An adaptation of TOLD | 1 year | 2017 | SH/CDN/ARF-SP8/2017-18, dated: 28.07.2017 | 4,96,000 |
|  | 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 |
|  | Mr. 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. 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. 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 | 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. 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. 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 |
|  | Ms. P V Ramanakumari(Spl Ed)  | 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. S P Goswami & Dr. Swathi Kiran  | - | Filed testing of constant therapy in Hindi & Kannada | 1 year | 2017 | SH/CDN/ARF-45/2016-17, dated; 14.09.2016 | 4,93,000 |
|  | 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. 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. 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. 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. 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. 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 |
|  | 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. 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 |

**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 | 47,52,000 |
|  | 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 | 44,00,000 |
|  | 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 | 35,35,400 |
|  | 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 |  | 28,94,055 |