**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE – 570 006**

**RESEARCH COORDINATION SECTION**

**ONGOING PROJECTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **ARF Project No.** | **Name of the Project** | **PI** | **Sanction Date, Duration & Budget** |
|  | SH/CDN/ARF-3.60/2009-10 | Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability - Phase I | PI: Dr. R. ManjulaCI: Mr. Harish PaiMr. G.T. Jayakaran | 12 months17.03.20102,28,350 |
|  | SH/CDN/ARF-3.61/2009-10 | Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task | PI: Dr. R. ManjulaCI: Dr. N. Swapna | 12 months+212.3.20102,57,000 |
|  | SH/CDN/ARF-3.70/HV/2010-11 | Development of a Key word signing manual in English for Indian contextModified as Development of a Manual on Sign Augmented Speech in English for Indian Context  | PI: Dr. H. VenkatagiriDr. R. Manjula | 12.10.201014 months3,70,000 |
|  | SH/CDN/ARF-3.71/JK/2010-11 | Neuro physiological correlates of voice onset time in Dravidian Languages using NI evoked potential | PI: Dr. Jayakumar T.CI: Dr. Vijaya Kumar Narne | 09.09.20103,23,00012 months |
|  | SH/CDN/ARF-3.72/JK/2010-11 | Auditory Processing in person with stuttering: using non-linguistic and linguistic stimulus | PI: Dr. Jayakumar TCI: Dr. Y.V.GeethaDr. Vijaya Kumar Narne | 27.08.20103,23,00012 months |
|  | SH/CDN/ARF-3.75/RM/2010-11 | A study of motor control in persons with mild and severe stuttering under conditions of motor stress | PI: Dr. R. ManjulaDr. H. Venkatagiri | 09.09.201012 months6,94,000 |
|  | SH/CDN/ARF-3.82/MP/2010-11 | Early intervention Module for Parents of Children with cleft lip and palate in Kannada (Phase I) | PI: Dr. M. PushpavathiCI : Mr. Pebbili Gopi KishoreMr. Gopisankar R.Dr. Sathish V.H. | 6,07,00016.09.201024 months |
|  | SH/CDN/ARF-3.83/MP/2010-11 | Speech characteristics in Children with Oral clefts – Pre and Post Surgery: A longitudinal study in Telugu | PI: Dr. M. PushpavathiCI : Dr. Srinivas Gosla ReddyMrs. Swathi Ravindra | 6,08,00009.09.201024 months |
|  | SH/CDN/ARF-Plan 1 / 2014-15From Plan Grants | Survey of communication disorders by trained ASHA workers in the districts of Mysore, Mandya and Chamarajanagar (Phase 1 Level V) | PI: Dr. S.R. SavithriCI: Dr. R. Manjula Dr. Sudarshan H. | 48,23,00018.12.201412 months  |
|  | SH/CDN/ARF/4.16/2011-12 | Development & Field trial of resource manual for oral sensori-motor functions in persons with neurological involvement | PI: Dr. R. ManjulaCI: Mrs. Jyothi N. | 4,49,00018 months5.8.2011 |
|  | SH/CDN/ARF/4.17/2011-12 | Comparative study of phonology syntax & morphogy in Indian sign language of deaf signers in narration & discourse mode | PI: Dr. R. ManjulaCI: Dr. GourishankarDr. L.Ramamurthy | 4,34,00018 months5.8.2011 |
|  | SH/CDN/ARF/4.32/2011-12 | Comparison of normal and pathological middle ear using multi-frequency tympanometry | PI: Dr. Sandeep M.CI: Dr. H. Sundara RajuMr. Sharath KumarMs. Megha | 3,16,00012 months19.8.2011 |
|  | SH/CDN/ARF/4.42/2012-13 | Development of Hearing Aid Simulator | **PI:** Dr. Sujeet Kumar Sinha**CI:** Dr. Animesh BarmanDr. D.S. GuruDr. Vijay Kumar Narne | 12 months16.8.20122.15 |
|  | SH/CDN/ARF/4.63/2013-14 | Development of Online System for Hearing Screening | * Mrs. Chandni Jain
* Prof. Ajish K. Abraham
 | 18 months6.56 |
|  | SH/CDN/ARF/4.68/2013-14 | Development of Grade Level Assessment Test for Primary Grades of I to IV: Applicable for Children with Communication Disorders | * Dr. G. Malar
* Ms. S. Vijayalakshmi
* Mr. K.R. Subramanya
 | 12 months2.85 |
|  | SH/CDN/ARF/4.69/2013-14 | Temporal Ability Screening Test (TAST): Development and Validation | * Dr. Asha Yathiraj
* Dr. C.S. Vanaja
 | 12 months7.45 |
|  | SH/CDN/ARF/4.70/2013-14 | Validation of Electro glottographic Patterns in Voice Disorders using Stroboscopy | * Dr. N. Sreedevi
* Mr. Gopi Kishore Pebbili
* Dr. T.K. Prakash
 | 18 months5.90 |
|  | SH/CDN/ARF/4.72/2013-14 | Assessment Tool for Early Literacy Skills in Malayalam Speaking Children – Phase-I | * Dr. Jayashree C. Shanbal
* Ms. Sharon Susan Sam
 | 12 months3.90 |
|  | SH/CDN/ARF/4.73/2013-14 | Pre-Post Voice Characteristics in Septoplasty  | * Dr. T.K. Prakash
* Mr. Gopi Kishore Pebbili
 | 12 months4.10 |

**COMPLETED PROJECTS**

| **Sl. No.** | **ARF Project No.** | **Name of the Project** | **PI** | **Sanction Date, Duration & Budget** |
| --- | --- | --- | --- | --- |
|  | SH/CDN/ARF-3.93/SWN/2010-11 | Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders) | **PI:** Dr. Swapna N.Dr. K.S. Prema**CI:** Dr. Y.V. Geetha | 16.09.20105,41,00012 months |
|  | SH/CDN/ARF/4.64/2013-14 | Relationship between Sub-cortical and Cortical Encoding Responses in Children with (Central) Auditory Processing Disorders | * Dr. Prawin Kumar
* Mr. Niraj Kumar Singh
 | 12 months4.10 |
|  | SH/CDN/ARF/4.65/2013-14 | Modified Receptive and Expressive Language Test (M-RELT) for Children between 3- 7 Years | * Dr. Deepa, M.S.
* Dr. Shyamala, K.C.
* Ms. Deepthi, K.J.
 | 12 months4.00 |
|  | SH/CDN/ARF/4.67/2013-14 | Profiling Cognitive-Communication Impairments in the Elderly | * Dr. Deepa, M.S.
* Dr. Shyamala, K.C.
 | 12 months6.40 |
|  | SH/CDN/ARF/4.53/2012-13 | Development of low frequency word lists in Hindi and in Kannada | **PI:** Dr. Animesh Barman**CI:** Mr. Prashanth PrabhuDr. Vijay Kumar NarneMr. Niraj Kumar Singh | 12 months3.9.20125.92 |
|  | SH/CDN/ARF/4.61/2012-13 | Development of Prototypes for Electronic Publishing of Institute Journals | **PI:** Dr. Shijith Kumar C.**CI:** Dr. K. YeshodaMr. M. Nanjunda Swamy | 12 months3.9.20122.00 |
|  | SH/CDN/ARF/4.43/2012-13 | Sentence lists in Malayalam and in Telugu | **PI:** Mr. Sreeraj K.Mr. Kishore Tanniru**CI:** Dr. Vijay Kumar NarneMs. Chandni JainDr. K.J. Rama Devi Sreenivas | 12 months16.8.20126.02 |
|  | SH/CDN/ARF/4.54/2012-13 | Effect of frequency specific amplification in on speech perception individuals with ANSD | **PI:** Dr. Animesh Barman**CI:** Dr. Sujeeth Kumar SinhaMr. Prashanth Kumar | 12 months29.8.20123.31 |
|  | SH/CDN/ARF/4.66/2013-14 | Development and Standardization of Screening Checklist for Autism Spectrum Disorders (ASD) in Indian Population | * Dr. K.C. Shyamala
* Smt. Suchithra M. Gopal Krishna
 | 12 months4.00 |
|  | SH/CDN/ARF/4.71/2013-14 | Study of Co-articulation using F2 Locus Equation as a Metric | * Dr. N. Sreedevi
* Dr. M.S. Vasantha Lakshmi
 | 12 months4.00 |
|  | SH/CDN/ARF/4.56/2012-13 | Development & piloting of Computer based auditory-cognitive training module for individuals with cochlear hearing loss | **PI:** Dr. Ajith Kumar U. | 12 months29.8.20125.00 |
|  | SH/CDN/ARF-3.57/2009-10 | Speech Characteristics in Children with Oral clefts-Pre and post surgery: A Longitudinal study | **PI:** Dr. M. Pushpavathi**CI:** Dr. H.V. SatishMr. Gopisankar R. | 24 months12.03.20104,98,000 |
|  | SH/CDN/ARF-3.79/GNM/2010-11 | Effects of Semantic and Synatetic Treatments in Bilingual Stroke Survivors | **PI:** Dr. G.N. RangamaniDr.. K.S. Prema Rao | 16.09.20105,94,00012 months |
|  | SH/CDN/ARF/4.49/2012-13 | Prevalence and risk factors in primary school teachers of one district of Karnataka | **PI:** Dr. Usha Devadas**CI:** Dr. M. SantoshDr. B. Rajasshekhar | 12 months21.8.20123.16 |
|  | SH/CND/ARF/4.00/2011-12 | Investigation of stuttering in bilingual individuals: Understanding its nature, assessment & treatment efficacy | **PI:** Dr. Santosh M**CI:** Ms. Ramya MaitreyeeMs. Geetha M.P. | 2,96,00012 months27.6.2011 |
|  | SH/CDN/ARF/4.31/2011-12 | Intervention module for the management of speech & language skills for individuals with cerebral palsy | **PI:** Dr. Swapna N.**CI:** Dr. R. ManjulaDr. Y.V. Geetha | 5,72,00012 months18.8.2011 |
|  | SH/CDN/ARF/4.41/2012-13 | Assessment of Different Vestibular Pathways in individuals with Peripheral Vestibular Disorders | **PI:** Dr. Sujeet Kumar Sinha**CI:** Dr. Rajeshwari G. | 12 months16.8.20123.06 |
|  | SH/CDN/ARF/4.26/2011-12 | Clinical Evaluation of Language Fundamentals – Preschool (2nd Edition) for Kannada – speaking English Language Learners | **PI:** Ms. Priya M.B. | 3,06,00012 months5.8.2011 |
|  | SH/CDN/ARF/4.57/2012-13 | Dizziness Index of Impairment in Activities of Daily Living Scale for Indian Population | **PI:** Mr. Niraj Kumar Singh**CI:** Dr. Prawin KumarDr. Animesh Barman | 12 months29.8.20123.11 + 0.69 |
|  | SH/CDN/ARF/4.40/2012-13 | Relationship between electrophysiological sub-cortical processing of speech and behavioural tests of central auditory function in children with (Central) auditory processing disorder | **PI:** Dr. Prawin Kumar**CI:** Mr. Niraj Kumar Singh | 12 months16.8.20123.11 |
|  | SH/CDN/ARF/4.38/2011-12 | Design and Development of Assistive Device for Museum Access to Persons with Hearing Impairment | PI: Mr. Ajish K. AbrahamCI: Mr. Manohar N | 2,18,00012 months19.9.2011 |

**NEW PROJECTS INITIATED**

| **Sl. No.** | **Project Number** | **Title of the Project** | **PI**  | **CI** | **Sanctioned Date** | **Budget** | **Duration** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 01 | SH/CDN/ARF-01/2014-15 | AIISH Survey of Fluency Disorders | Dr. Y.V. Geetha | Mrs. Sangeetha Mahesh | 03.09.2014 | 4,03,000 | 12 months |
| 02 | SH/CDN/ARF-02/2014-15 | Standardization of a Discourse Analysis Scale for Conversation, Narration and Picture Description in Kannada (DAS) | PI: Dr. Hema N. | Dr. K.C. Shyamala | 03.09.2014 | 4,03,000 | 12 months |
| 03 | SH/CDN/ARF-04/2014-15 | Auditory Brain Plasticity: in Carnatic Vocalists, Instrumental Musicians and Non-Musicians | Dr. K. Rajalakshmi | - | 03.09.2014 | 4,03,000 | 12 months |
| 04 | SH/CDN/ARF-05/2014-15 | Optimizing the response filter setting for acquisition of ocular vestibular evoked myogenic potential elicited by air-conduction tone bursts of 500Hz | Mr. Niraj Kumar Singh | Dr. Animesh Barman | 03.09.2014 | 4,03,000 | 12 months |
| 05 | SH/CDN/ARF-06/2014-15 | Development of Toy Usage Index for Children with Developmental Disabilities | Dr. S. Venkatesan | Mr. Yashodhara Kumar G.Y. | 03.09.2014 | 3,01,000 | 12 months |
| 06 | SH/CDN/ARF-07/2014-15 | Status Report of Speech and Hearing Professionals Graduated from AIISH – National and Global Scenario | Mr. S. RamkumarDr. S.P. Goswami | - | 03.09.2014 | 4,50,000 | 12 months |
| 07 | SH/CDN/ARF-08/2014-15 | Development and Validation of Pragmatic Skill Checklist in Children with Autism Spectrum Disorder | Dr. K.C. Shyamala | - | 24.09.2014 | 4,03,000 | 12 months |
| 08 | SH/CDN/ARF-09/2014-15 | Development and validation of video manual for different management techniques in children with Autism Spectrum Disorders | Dr. K.C. Shyamala | - | 24.09.2014 | 4,03,000 | 12 months |
| 09 | SH/CDN/ARF-10/2014-15 | Development and Validation of a Computerized Screening Tool for Infant Cry | Dr. N. Sreedevi | Dr. Jayashree C. ShanbalMr. Arunraj K. | 24.09.2014 | 4,43,000 | 12 months |
| 10 | SH/CDN/ARF-11/2014-15 | Validation of Feeding Handicap Index in Children with Intellectual Disability and Autism Spectrum Disorders | Swapna N. | - | 24.09.2014 | 4,03,000 | 12 months |
| 11 | SH/CDN/ARF-12/2014-15 | Morphosyntactic Processing in Dyslexia: Application of an ERP Measure | Dr. Jayashree C. Shanbal | Ms. Mamatha N.M.Mr. Gopi Sankar R. | 24.09.2014 | 4,03,000 | 12 months |
| 12 | SH/CDN/ARF-13/2014-15 | Nature of Non-expilicit Declarative and Procedural Memory Systems in Pre-Adolescents with Specific Language Impairment: Examining the Post Scripts of Procedural Deficit Hypothesis | Mr. Kuppuraj S. | Dr. K.S. Prema | 20.10.2014 | 4,03,000 | 12 months |
| 13 | SH/CDN/ARF-14/2014-15 | Lexical Semantic Processing in Persons with Aphasia: Correlational Study of Psycholinguistic and Neurolinguistic Measures | Mr. Abhishek B.P. | Dr. K.S. Prema | 24.09.2014 | 4,03,000 | 12 months |
| 14 | SH/CDN/ARF-15/2014-15 | Is Acceptance Noise Level (ANL) a Deciding Factor of Tinnitus Management using Hearing Aid? | Dr. Hemanth N.  | Dr. Vijay Kumar NarneMr. Jijo P.M. | 24.09.2014 | 4,03,000 | 12 months |
| 15 | SH/CDN/ARF-16/2014-15 | Evaluation of digital signal processing features in hearing aids with ear to ear synchronization | Ms. Geetha C.  | Mr. Kishore Tanniru | 15.10.2014 | 4,03,000 | 12 months |
| 16 | SH/CDN/ARF-17/2014-15 | Effectiveness of computer based auditory training in children with central auditory processing disorders – Evidence from electrophysiological study | Dr. Prawin Kumar  | Mr. NIraj Kumar Singh | 15.10.2014 | 4,03,000 | 12 months |
| 17 | SH/CDN/ARF-18/2014-15 | Relationship between behavioural measures and aided cortical potential responses in children with hearing impairment (6 months to 5 years)  | Dr. Prawin Kumar | Ms. C. Geetha | 15.10.2014 | 4,03,000 | 12 months |
| 18 | SH/CDN/ARF-19/2014-15 | Stories of Aphasia: Exploring paths to recovery in India | Dr. S.P. GoswamiDr. Julie A. Hengst | Ms. Sonal V. ChitnisDr. Brajesh PriyadarshiDr. Neeraja KarathiMs. Pinky Singh | 22.10.2014 | 11,99,000 | 36 months |
| 19 | SH/CDN/ARF-20/2014-15 | An exploratory study of tinnitus in Indian context | Dr. K. Rajalakshmi | Mr. Vinaya K.C. ManchaiahProf. David BagulyProf. Gerhard Andersson | 03.11.2014 | 4,03,000 | 12 months |
| 20 | SH/CDN/ARF-21/2014-15 | Computerized intervention module and school readiness test for preschoolers | Mr. N. ManoharMrs. C. Renuka | Dr. N. Swapna | 08.01.2015 | 2,75,000 | 18 months |