New Projects

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| **No.** | **Title** | **Objectives** | **Investigators** | **Funding source** | **Grant amt (in** `) |
| 01 | Development of online system for hearing screening | To develop software for online hearing screening using puretone, to develop a calibrated stimulus delivery system for the received end. | Ms. Chandni Jain, Prof. Ajish K Abraham | AIISH | 6,56,000 |
| 02 | Temporal ability screening test (TAST): Development and validation | Development of a screening tool for identifying temporal processing deficits,  Validation of the developed tool,  Investigate the effect of hearing loss on the temporal abilities of the older individuals,  Investigate the effect of hearing loss on the results of the developed tool,  Compare the temporal abilities of native speakers of Marathi with native speakers of Kannada | Dr. Asha Yathiraj  Dr. Vanaja, C.S | AIISH | 7,45,000 |
| 03 | Speech evoked LLR and ABR in children with central auditory processing disorders | To investigate the relationship between sub-cortical and cortical responses evaluated through speech evoked ABR and LLR in children with IAPD | Dr. Prawin Kumar  Mr. Niraj Kumar Singh, | AIISH | 4,10,000 |

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| **Sl. No** | **Title** | **Investigator/ Coordinator** | **Funding agency** | **Remarks** |
|  | Study of co-articulation using F2 Locus equation as a metric | Dr. N Sreedevi & Dr. Vasanthalakshmi M S | ARF | Ongoing |

* Development and standardization of screening checklist for ASD in Indian population
* Modified Receptive Expressive Language test for children between the age range of 3-7 years
* Profiling cognitive-communication impairments in the elderly
* Study of co-articulation using F2 Locus equation as a metric
* Validation of stroboscopic findings with EGG patterns
* ARF Project titled ‘Development of Grade Level Assessment Test for Primary Level: Applicable for Children with Communication Disorders’ incorporating recommendations of the review committee (as well providing reasons for non-incorporation of suggestion for adapting GLAD)

Extra-Mural

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| **No.** | **Title** | **Objectives** | **Investigators** | **Fund (in** `) |
| 01 | Effect of auditory cognitive training on some auditory and speech perception skills in individuals with sensori-neural hearing loss (DST) project | To establish the relation-ship between working memory and auditory skills in individuals with cochlear hearing loss, To assess the influence of auditory-cognitive  training material on auditory skills, To document the auditory neuro-physiological (ERPs) changes, if any, secondary to training | Dr. Ajith Kumar U  CI: Sandeep M | 18,33,600 |
| 02 | Effect of Personal music systems on hearing  (Under fast-track scheme for young scientists) | Ref. SB/FT/LS-179/2012 dt.26.04.13 | Dr. Ajith Kumar U | 17,80,000 |

* Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing
* Development and validation of screening tool to identify learning disability (teacher administered screening tool)