Ongoing Projects

Audiology
- Late latency responses in children with learning disability – ARF
- Maturation auditory processes in children aged 6 to 11 years – ARF
- Prediction of speech identification score using speech intelligibility index – ARF
- Servicing and Repair of hearing aids: A profile – ARF
- Audiovisual perception and processing in Individuals with Auditory Dyssynchrony – ARF
- Cortical potentials as measures of auditory temporal process – ARF
- Noise reduction algorithms & Speech perception in cochlear implant users – ARF
- Development of a screening test for (C) APD – ARF
- Quantification of the effects of noise on Speech recognition – ARF
- Development of phonemically balanced word lists in Kannada for adults – ARF
- Comparison of temporal resolution abilities & speech perception in noise musical background & children born in families without musical background – ARF
- Critical band based frequency compression & speech perception in noise in individuals with cochlear Hearing loss – ARF
- Neuro-physiological mechanisms of speech perception in noise – ARF
- Sub-typing dyslexia: Application od ERP measure – ARF
- Altered Frequency Tuning of VEMP: could it be a Diagnostic tool to identify Endolymphatic Hydrop – ARF
- Development of Sentence test for speech recognition threshold test in Hindi – ARF
- Assessment of vestibular functions in individuals with Auditory Neuropathy – ARF
- Development of sentence lists in Kannada for adults – ARF
- Comparison of CROS & BAHA in individuals with unilateral hearing loss – ARF
- Comparison of screening protocol for the differentiation of type of hearing loss in neonatal intensive care unit infants – ARF
- Periodicity coding & perception of speech in noise in individuals with symmetrical & asymmetrical cochlear hearing loss – ARF
- Hearing conservation program: Attitudes of employers & employees and the need for intervention module – ARF
- Comparison of normal and pathological middle ear using multi-frequency tympanometry – ARF

Clinical Psychology
- Development of Normative data for P300 – Department Project
- Development of Schedule for Training Arithmetic Remediation program – Department Project
• Development and standardization of scale on math assessment for remedial teaching, Kid version (SMART-KV) – Department Project
• Cognitive profile of the children with congenital hearing impairment – Department Project
• Pattern of P300 in children with specific learning disabilities – Department Project
• Development of normative data in the pre-vocational assessment of communicatively handicapped persons – Department Project
• Development & Standardization of Computer Assisted Software on Behavioral Assessment & Learning Activities for Kids with Communication Disorders (BALAK–CD) – ARF
• Process Evaluation of DHLS Program conducted through Actual vis-a-vis Virtual modes – Department Project
• Development and Revalidation of Norms for Draw a Person Test of Intelligence for Children – ARF
• Enabling and Empowering Siblings of Children with Disabilities – ARF
• Impact Evaluation of Training Courses in Rehabilitation and Special Education under Rehabilitation Council of India – RCI Fund
• Development and Standardization of Autism Behavior Checklist for Disability Estimation (A2E) – ARF
• Impact evaluation of government benefits and concession provided to persons with mental retardation belonging to Mysore district – ARF
• Development and standardization of Interest inventory for Children with scholastic backwardness – Department Project
• Development and Standardization of a Questionnaire for Early Identification of Psychosocial issues in Children with Cleft Lip and Palate – ARF

Clinical Services
• Assessment battery for children with Language based Learning Disability (ABC–LLD)– Phase II – ARF
• Screening Test for acquisition of Syntax in Malayalam (STAS–M) – ARF
• Screening Test for acquisition of Syntax in Telugu (STAS–T) – ARF
• Development of Audio–Video Database for communication disorders – ARF
• Treatment efficacy using Response Cost in Children with Stuttering – ARF
• Developmental Pattern of Children with Down's syndrome: An exploratory study (Kannada) – Phase I– ARF
• Computerized version of manual for Adult fluent & non-fluent Aphasia therapy in Kannada – ARF
• Development test of verbal attention in children – Phase I – ARF
• Screening and Diagnostic test materials and Intervention Manuals for Speech and Language Disorders – ARF
Electronics
a. Extramural

- Nasospeech: Development of Diagnostic system for severity assessment of the disordered speech funded by Department of Biotechnology (Twinning program for North East) Govt. of India
- Articulate: A system for automated assessment and rehabilitation of persons with articulation disorders funded by Ministry of Human Resource Development, Govt. of India under Impacting Research Innovation and Technology (IMPRINT – India) program

b. Intramural

- Development of a cost effective configuration for optimal quality recording for speech analysis
- Development and evaluation of Indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs

Special Education

- Anthological study of Traditional Games and Play Activities useful for training Young Children with Disabilities – ARF
- Efficacy of Multidisciplinary Preparatory Services of AIISH in Mainstreaming Children with Communication Disorders – ARF
- Pre–Arithmetic school readiness test for children with HI – ARF
- Attitudes of In-service educators towards inclusive Education – ARF

Speech Language Sciences

- Development of Speech rhythm in Kannada speaking children – Funded by DST. Patterns of recovery in CWS – ARF
- Auditory processing n PWS: using non–linguistic and linguistic stimulus– ARF
- Neuro–Physiological correlates of voice onset time in Kannada and Tamil speaking individuals using N1 evoked potentials – ARF
- Measurements of vocal doses using ambulatory phonation monitor in primary school teachers – ARF
- Effects of semantic and syntactic treatments in bilingual stroke survivors – ARF
- Development and evaluation of center based service delivery model for children with learning disability – ARF
- Development of a test to assess proficiency in Hindi English bilingual adults through lexical priming task – ARF
- Digital tutorial for pre–reading skill (A supplement to the intervention module for preschool children with communication disorders) – ARF
- Phonetic characteristics of babbling in Kannada: A longitudinal study – ARF
- Development & evaluation of curriculum for Speech–language transcription – ARF
• Development of a test for assessment of bilingual proficiency through lexical priming task – ARF
• Development of Phonological sensitivity training kit (PHOST–K) in Kannada – ARF
• Cross–language study of language proficiency in Hindi – English Bilingual adults – ARF
• Voice characteristics in partial laryngectomy – ARF
• Investigation of Speech rhythm in stuttering individuals: Understanding its nature effect of fluency including conditions & effects of treatment – ARF
• Investigation of stuttering in bilingual individuals: Understanding its nature, assessment & treatment efficacy – ARF
• Frequency of occurrence of phonemes in Kannada – ARF
• An Articulatory study of Kannada consonants: Co-articulation & speech errors – ARF
• Behavioral correlates of P300 responses to voice onset time (VOT) & place of articulation continuum in Kannada & Hindi speaking individuals – ARF
• Clinical Evaluation of Language Fundamentals – Preschool (2nd Edition) for Kannada – speaking English Language Learners – ARF

Speech Language Pathology
• Brain organization in normative Bilingualism – Funded by DST
• Bilingual aphasia - evidence from Indian languages, – Funded by CIIL
• Development of Audio – Video Database for Communication Disorders – ARF
• Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I) – ARF
• Speech characteristics in children with oral cleft - Pre & Post surgery– A longitudinal Study in Malayalam – ARF
• Speech characteristics in children with oral cleft - Pre & Post surgery– A longitudinal Study in Telugu – ARF
• Effect of palatal obturator on speech – ARF
• Genotyping and A genetic study of Autism – ARF
• Reading Acquisition in children learning two district orthographics - Malayalam and English – ARF
• Development and Standardization of Noun, Verb picture Battery in Kannada and Malayalam – ARF
• WAB in Telugu – English Bilinguals – ARF
• Word and Nonword repetition test for children in Kannada – ARF
• Assessment Battery for Children with Learning Disability (ABCLD)– Phase II – ARF
• Development of a key word signing manual in English for Indian context – ARF
• A study of motor control in person with mild and severe stuttering under condition of motor stress – ARF
• Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task – ARF
• Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I – ARF
• Process evaluation and comparison of the modules of Outreach Service Centres as a factor of type of volunteers engaged in the activity – ARF
• Articulatory kinematic analysis of stop consonants in normal adults in five Indian languages using articulograph AG-500 – ARF
• Lexical Organization in Kannada-English & Malayalam-English bilinguals with & without aphasia: An investigation through translation – ARF
• Development & Field trial of resource manual for oral sensori-motor functions in persons with neurological involvement – ARF
• Comparative study of phonology syntax & morphogy in Indian sign language of deaf signers in narration & discourse mode – ARF
• Development & field testing of low cost feeding, supportive & mobility aids & appliances for person with physical disability - Phase II – ARF
• Development of norms for assessment protocol for lexical semantic deficits using componential Analysis – ARF
• An adaptation of Early Reading skill (ERS) in Hindi – ARF
• Laryngeal aerodynamic analysis of vocal hyper function – ARF
• Development of normative database in adult for the motor speech profile – ARF
• Intervention module for the management of speech & language skills for individuals with cerebral palsy – ARF
• Re-establishing norms for test for English reading skills in Indian children (ERS); (Loomba, 1995) ARF
• Development of assessment batteries for bilingual (Kannada-English) and Malayalam-English children with specific language impairment – ARF
• Cross Language Semantic treatment generalization in Kannada-English bilinguals with Aphasia – ARF

Special Education
• Special Educators knowledge, attitude & practice with regard to early intervention of children with HI – ARF
• Attitudes of Pre–service Educators towards inclusive education – ARF

Speech Language Sciences
• Computer aided differential diagnosis of laryngeal disorders – Funded by Ministry of Health
• Speech perception–perceptual cues of stop consonants in Kannada – Funded by DST
• Speech perception in children: Temporal aspects – Funded by DST
• Transformation of speech of the hearing impaired – Funded by DST
- Speech oriented learning systems for the hearing impaired – Funded by DOE (Collaboration with IIT)
- Perception of prosody in individuals with brain damage – Funded by DST
- Differential Diagnosis between Stuttering and Normal Non-Fluency – Funded by ICMR
- Cross – Cultural Issues in Language and Literacy – Funded by Fulbright & AIISH
- Voicing contrast in Indian languages: Acoustic measurement – ARF
- Investigation of reading skills in children with reading disabilities – Indian perspective – ARF
- Professional services of AIISH graduates: International scenario – ARF
- Publication of abstracts of dissertations from 1972-2000 – ARF
- Changes in voice attributes as a function of age in singers – ARF
- Language acquisition in multilingual children – ARF
- Speech and Language tests of AIISH – ARF
- Relationship among language, reading, and mathematical abilities: An exploratory study – ARF
- Rate of Speech / reading in Dravidian Languages – ARF
- Evolution of Voice in Species – ARF
- Base of Articulation in Indian Languages – ARF
- Speech Rhythm in Indo-Aryan and Dravidian Languages – ARF
- Effect of Training on Voice Projection – ARF
- Treatment efficacy and variables in stuttering management – ARF
- Speech and language characteristics of preschool children one year post enrollment – ARF
- Evaluating the Need for Successful Inclusive Education Program – ARF
- Development of Consumer Satisfaction Inventory – ARF
- Development of Intervention modules for preschool Children with communication disorders Phase I – ARF
- Development of intervention modules for preschool Children with communication disorders Phase II – ARF
- Acoustic Similarities and Differences within and between Speakers – ARF
- Speech rhythm in Indian Languages – ARF
- Voice Analysis of Vocal Performers in India – ARF
- Characteristics of relapses in individuals with stuttering – ARF
- Computer based Assessment of phonological processes in Malayalam (CAPP-M) – ARF

**Speech Language Pathology**

- Development and standardization of language and articulation tests in Indian languages – Funded by UNICEF
- A developmental investigation of onset, progress and stages of literary acquisition its implications for instructional process – Funded by NCERT
- Production of language training materials in major Indian languages – Funded by UNICEF
- Language disorders in the Indian neurological patients - A study in Neurolinguistics in the Indian context – Funded by ICMR
- Developmental milestones of language acquisition in Indian languages: Kannada and Hindi – Funded by ICSSR
- A Tachistoscopic study of Monolingual and bilingual normals and aphasics – ARF
- Development of intonation in early linguistic stage – ARF
- Incidence and prevalence of voice disorders – ARF
- Standardization of WAB on Kannada Speaking population – ARF
- Standardization of Kannada language test for children – ARF
- Differential diagnosis of Autism Spectrum Disorders – ARF
- A Study of Markedness in Lexical Semantics in Normal Children and a Clinical Population HI & MR – ARF
- Field testing of manual for adult Non–Fluent Aphasia Therapy - in Kannada (MANAT-K) ARF
- Assessment battery for children with learning disability (ABCLD) - Phase 1 – ARF
- Development & Standardization of Boston naming test in bilinguals-(Kannada-English & Telugu-English) – ARF
- Cognitive Linguistic deficits in aphasia – ARF
- Screening test for acquisition of syntax in Hindi (STASH): An adaptation of STASK – ARF
- Language Performance of Kannada English (K.E) bilingual individuals with Dementia – ARF
- Adaptation and standardization of Cognitive Linguistic Quick Test in Kannada (CLQT–K): Comparison between monolinguals (Kannada) and bilinguals (Kannada-English) – ARF
- Development and standardization of curriculum for pre–school children with communication disorders (Phase I) – ARF
- Development and standardization of curriculum for pre–school children with communication disorders (Phase II) – ARF