**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – APRIL 2013**

**I. Academic Activities**

**A. Theory classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. Shyamala | I Msc (SLP)/ II sem | Child Language Disorders | 4 | 20 |
| PGDCL | - | - | - |
| Dr. R. Manjula | II M.Sc (SLP) ‘A’ and ‘B’ section/ IV sem | Augmentative and Alternative Communication | 4 | 20 |
| Dr. M. Pushpavathi | I Msc (SLP)’A’ amd ‘B’ section/IIsem | Maxillofacial Anomalies and Phonological disorders | 4 | - |
| Mr. Brajesh Priyadarshi | I B.Sc./ I sem | Linguistics, Phonetics and Language Sciences | 3 | - |
| I M. Sc (SLP)/ I sem | Clinical Linguistics and Multilingual issues in communication | 4 | - |
| Dr.Jayashree C Shanbal | B.Sc (Vth Semester) | Childhood language disorders | 3 | 12 |
| I M.Sc (II semester) | Childhood language disorders | 4 | 16 |
| Dr. Swapna.N | III BSc (sp & hg.) | Dysarthria and Apraxia | 4 | 16 |
| Dr. M.S. Vasantha Lakshmi | II B.Sc | Statistics & Research methods | 3 | - |
| I M.Sc.(SLP) | Statistics in Speech-Language & Hearing | 4 | - |
| I M.Sc.(Aud) | Statistics in Speech-Language & Hearing | 4 | 02 |
| I PGDCL | - | - | - |
| I B.S.Ed. | Educational Management Curriculum Designing and Research | 2 (shared) | - |
| Mr. Pebbili. Gopi  Kishore | II B.Sc.(B section)/ IV sem | Voice and its disorders | 3 | 15 |
| DHLS | Basic Medical Sciences | 1 | - |
| Mr. Santosha C.D. | I M.Sc.SLP ( Section B) | Research methods and Statistics in Speech & Hearing | 2 | - |
| Deepa M.S. | III BSc (B section)/ VI sem | Aphasia and Other Language Disorders | 3 | 14 |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of Language in Young Children (Deaf & Hard of Hearing) Birth to 3 years &3 to 6 years. | 2 | 8 |
| Diploma course in Hearing, Language and Speech (DHLS) | Introduction to Speech-Language Pathology | 2 | 10 |
| Deepthi K.J. | III B.Sc (B section)/ VI sem | Dysarthria and apraxia | 3 | 20 |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of language in young children (Deaf & hard of hearing ) birth to 3 years and 3 years to 6 years | 2 | - |

**B. Practical classes**

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| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. N. Swapna | III BSc (sp & hg.) | Practical (Dysarthria and Apraxia) | - | 1 |
| Mr. Gopikishore Pebbili | II B.Sc. (Sp&Hg) | Practicals | 1 | 4 |
| I B.Sc. (Sp&Hg) | Practicals | 1 | 4 |
| Ms. Gayathri Krishnan, Clinical Assistant | I B.Sc/ 2nd sem (Section A) | SLP practicals | 1 | 3 |
| II B.Sc/ 4th sem (Section A) | SLP practicals | 1 | 1 |
| III B.Sc / 6th sem (section A) | SLP practicals | 2 | 6 |

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

|  |  |
| --- | --- |
| **Organizing Department** | Department of SLP |
| **Coordinator** | Dr. Shyamala K.C. |
| **Theme** | Autism Awareness Day |
| **Objectives** | - |
| **Target Audience** | - |
| **No. of participants** | - |
| **Date** | 2nd April, 2013 |

|  |  |
| --- | --- |
| **Organizing Department** | Department of SLP |
| **Coordinator** | Mr. Gopi Kishore and Dr. Pushpavathi |
| **Theme** | Seminar on rehabilitation of oral cancer |
| **Objectives** | To provide insight on medical, surgical, and therapeutic management of individuals with oral cancer. |
| **Target Audience** | Post graduate Speech language pathology students and professionals working in the area of speech language pathology. |
| **No. of participants** | 150 |
| **Date** | 17th April, 2013 |

|  |  |
| --- | --- |
| **Organizing Department** | Department of SLP |
| **Coordinator** | Mr. Gopi Kishore and Dr. Pushpavathi |
| **Theme** | National seminar on recent advances in voice care |
| **Objectives** | * To provide insight on phylosohy of voice therapy and various types of voice therapy. * To highlight on principles and practical aspects on physiologic voice therapy approaches resonant voice therapy and vocal function exercises. * To explain principles of stroboscopy and practical demonstration of case studies. |
| **Target Audience** | Post graduate Speech language pathology students and professionals working in the area of speech language pathology. |
| **No. of participants** | 150 |
| **Date** | 18th and 19th April, 2013 |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

|  |  |
| --- | --- |
|  | The department staff attended Seminar of rehabilitation of oral cancer conducted by Department of Speech-Language Pathology on 17.04.2013 and National Seminar on recent advances on voice care by Dr. J. Stemple conducted by Department of Speech-Language Pathology on 18.04.2013 and 19.04.2013. |
| **1.** | **Dr. Shymala K.C.** |
|  | * Observed Autism Awareness day celebrations in collaboration with Anthropological Survey of India (ANSI) Institution on April 2, 2013 |
| **2.** | **Dr. N. Swapna** |
|  | * Attended ‘World Autism Awareness Day celebrations’ organized by the Dept. of speech-language pathology. |
| **3.** | **Dr. Deepa M.S.** |
|  | * National Seminar on “Unravelling the Mysteries of Cognitive Neuropsychological Assessment and Management in Dementia” conducted by Department of Clinical Services on 10.4.2013. |

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
| **1** | **Dr. Shyamala K.C.** |
|  | * Conducted library meeting on 3.4.2013 * Attended board room meeting on Annual Appraisal (APAR) on 3.4.2013 * Attended tender committee meeting on 8.4.13 * Attended ISO meeting at the board room on 16.4.13 * Conducted “Autism Awareness day” on 2.4.13 and inauguration function of a seminar on Rehabilitation of Oral Cancer on 17.4.13 and Recent Advances in Voice Care on 18.4.13 & 19.4.13 with the resource person Dr. Stemple * Arranged for AIISH Ethics committee meeting to be held on 8th and 9th May 2013 |
| **2.** | **Dr. R. Manjula** |
|  | * Served as chairperson of the ‘Staff quarters allotment committee’ meeting held on 22.4.2013 |
| **3.** | **Dr. N. Swapna** |
|  | * As a member of LTU (special unit) attended a meeting on 27. 9.12 |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as chairperson of the library committee * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served on Editorial Board of CIA, Bangalore * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Serving as mentor for II B.Sc. (A section) students. * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Served as Member Secretary, Public Grievances and Redressal committee from 30/1/2006 to 13/9/2010. Handed over charge to Dr. H. Sunder Raju on 13/9/2010. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. * Served as In-charge Head, Dept. of Material Development on April 1st and from February, 18th to February, 22nd 2013. * Served as In-charge Head, Dept. of Speech – Language Pathology from 25th April to 28th February, 2013 |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the unit for Motor speech Disorders (U-MSD). * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Serving as the coordinator for CBCS for I MSc (SLP) and PGDCL-SLP for the academic year 2011-12. Compiled C1 and C2 and attendance for both the courses and sent it to the Academics. * Nominated as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Nominated as paper setter for May/June examination 2013. * Guided three students for their journal club presentation |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. |
| **8.** | **Mr. Gopi Kishore** |
|  | * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic and attending team meetings, suggested modifications to existing voice assessment proforma. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. * Serving as mentor for the students of second year B.Sc. (Sp & Hg) A-Section. |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant**   * Assisting Ms. K. Yeshoda in the working of Internship and Placement Cell * Preparation of drafts for ISO standards for the Dept. of Speech-Language Pathology. * Compilation of materials submitted for ISO standards by different faculty/staff of the department. |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Working as the co mentor of B. Sc (Section B). |
| **11.** | **Ms. Deepthi K.J.** |
|  | * Serving as additional member of Unit for structural orofacial Anomalies from February 2013 and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as an additional member of Unit for Motor Speech Disorder out of own interest since January 2013 and participated in the team assessment sessions for individuals with Motor Speech Disorder |

**II. Research Activities**

1. **Research Projects:**

|  |  |
| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Nil | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,00 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Search for selection of candidates is on. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and among multilinguals. Language proficiency and Code switching would be examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is completed and analysis is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing method and review of literature are completed. | |
|  |  |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,04,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Data collection is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **Cognitive linguistic impairments in bi/multilingual persons with aphasia, traumatic brain injury and right hemisphere damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-investigator(s)** | Ms. Gayathri Krishnan (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,11,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Method- finalized  Review of literature- ongoing  Data collection- In progress  Analysis- In progress | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted. | |  | **Summary of the work done 2012-13** | Report submitted on 10.9.12. | |
|  | |  |  |  | | --- | --- | --- | | **4.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed | |  | **Summary of the work done 2012-13** | Project submitted. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report is being ready for submission. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and analysis is in progress .Statistical analysis and reporting to be completed | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing completed. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Report writing completed | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
|  |  |
|  | |  |  |  | | --- | --- | --- | | **30.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **33.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is going on. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **34.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals:**

**Dr. Shyamala K.C.**

* Sunil Kumar, Ravi. Shyamala K. Chengappa, & Vijay Kumar Narne (2013). An ERP Study of Semantic Processing in Kannada-English Typical Bilingual Individuals – A Pilot Study, online journal [www.languageinindia.com](http://www.languageinindia.com) Vol. 13, No. 4- pp. 306-319

**B.2.2.Papers published in proceeding of National/International Conference/Seminar: Nil**

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals: Nil**

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in  Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations ongoing (2012-13):**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 24

Number of Sessions with students & staff for statistical analysis : 38

**A.2. Santosha C.D.**

Number of work order attended: 19

Number of sessions with students & staff for statistical analysis: 44

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 10 | - | - | 10 |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 3 | - | 1 | - | - | 3 |
| Therapeutics | 28 | - | 3 | - | - | 31 |
| 5. | JS | Diagnostics | 22 | 1 | 2 | - | - | 25 |
| Therapeutics | 14 | - | - | - | - | 14 |
| 6. | PGK | Diagnostics | 16 | 25 | 02 | 00 | 02 | 45 |
| Therapeutics | 06 | 06 | 01 | 00 | 03 | 16 |
| 7. | DMS | Diagnostics | 22 | 2 | 4 | 3 | - | 31 |
| Therapeutics | 34 | - | - | - | - | 34 |
| 8. | DKJ | Diagnostics | 2 | - | 18 | 0 | 1 | 21 |
| Therapeutics | 11 | - | 10 | - | 1 | 22 |
| Total | | Diagnostics | 65 | 28 | 27 | 3 | 3 | - |
| Therapeutics | 93 | 06 | 14 | 0 | 4 | - |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for April 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 2 |
| Evaluation Sessions | 23 |
| Therapy cases seen | 21 |
| Therapy Sessions | 107 |
| D.T. Cases | - |
| Home training cases | - |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | 5 |
| No. of sessions for M.Sc internees | 16 |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for April 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 28 |
| 1. No. of assessment sessions | 28 |
| 1. No. of therapy cases | 99 |
| 1. No. of therapy sessions | 602 |
| 1. No. of D.T. cases | 05 |
| 1. No. of cases discharged | 05 |
| 1. No. of cases discontinued | 21 |
| 1. No. of Hindi cases | 02(diagnostics) |
| 1. No. of materials developed | l.1)Mand Model  2)Computer assisted training  3)Applied behaviour analysis  11.Activities for:  1)Greeting skills  2)Prepositions  3)2 – step and 3 – step commands to comprehend  4)Eliciting sequential gross motor movements  5)Sequential actions with objects. |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 14 |
| No. of DSL with MR with ASD | 08 |
| DSL with MR | 05 |
| No. of CDD | 0 |
| No. of DSL with ADHD | 01 |
| No of Pragmatic disorder | 0 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for April 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 5 |
| 2. | No. of assessment sessions | 6 |
| 3. | No. of therapy cases | 60 |
| 4. | No. of therapy sessions | 296 |
| 5. | No. of D.T. cases | 2 |
| 6. | No. of cases discharged | 1 |
| 7. | No. of cases discontinued | 5 |
| 8. | No. of cases re-evaluated | 7 |

3. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for April 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Assessment by the team (new clients) | 3 |
| Intervention (given activities for home training)  by the team (new clients) | 4 |
| Follow up intervention sessions | 1 |
| Counseling | 4 |
| Material development | - |

**Initiated feeding assessment and intervention at the clinic**

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for April 2013**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – APRIL 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 27 |
| 2. | No of sessions | 177 |
| 3. | No of DT cases | 54 |
| 4. | No of cases discharged | 11 |

|  |  |  |
| --- | --- | --- |
| Diagnostics | **Pediatric** | **Adult** |
| No. of clients evaluated by plastic surgeon | 16 | 7 |
| No. of clients evaluated by prosthodontist | - | - |
| No of cases seen by orthodontist | 3 | 2 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 1 | 1 |
| No. of clients recommended for surgery | 5 | 2 |
| No. of clients recommended for speech therapy | 15 | 3 |
| No. of client recommended for Prosthesis | - | - |
| **Details of rehabilitation** | - | - |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 25 | 2 |
| Total No of cases attended Demonstration therapy | 8 | 2 |
| No of sessions ( D.T ) | 49 | 5 |
| No of speech and language therapy sessions held | 168 | 9 |
| Manpower development |  |  |
| No of postgraduate students trained | 4 | |
| Short term training |

|  |  |
| --- | --- |
| Total number of cases seen | 27 |
| Total number of sessions | 177 |
| Daily average sessions | 3 |
| Number of DT cases | 10 |
| Number of new cases | 7 |
| Number of repeat cases | 20 |
| Number of cases discharged | 11 |
| Number of cases discontinued | 3 |
| Number of working days | 20 |
| Number of students posted | 4 |

**Audio Visual Material development:**

* A data bank of 7 cases with cleft of lip and palate has been collected.

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 22 ½ hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

**Dr. Deepa M.S.**

* Served as resource person for orientation program on *“Autism- Nature and Management”* conducted by Department of Speech-Language Pathology as a part of Autism Awareness Day at AIISH on 1.04.2013 funded by Anthropological Survey of India.

**A.6. Public Lecture Series:**

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract
3. Deputation
4. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors: Nil**

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Dr. Shyamala K.C.** |
|  | * Submitted AIISH research fund project titled “ Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment” on 29.4.13 |
| **2.** | **Dr. Jayashree Shanbal** |
|  | * External examiner for conducting viva for II B.Sc (Speech & Hearing) students of Bangalore University on 17th and 18th April 2013. * Posted in Dept. of POCD on two half days a week (Tuesday forenoon and Friday afternoon). Attended meeting for Self-Appraisal reports on behalf of POCD * Preparation of posters for ASD Unit. |
| **3** | **Ms. Gayathri Krishnan, Clinical Assistant** |
|  | * Maintenance of the instruments * Maintenance of stock register * Working for the internship committee and placement cell. * Prepared the materials as per the circulars received and sent the information on time. * Handled purchase files * Assisted and Guided Ms. Anusha in the ARF project. * Assisted in the borrowal and issual of tests, materials and other resources to staffs and students. * Proof reading of monthly report of the department * Working of compilation and organization of test materials in the lab. * Compiled the attendance of internship first batch inside postings * Took practical classes for B.Scs * Compiled clinical IA marks * Finished doing furniture and equipment stock verification of the department * Attended ISO 9001:2008 training * Worked for preparation of materials for ISO certification * Working on preparation of materials for NAAC visit * Working on a research paper * Part of the organization committee for Campus Interview by Amplifon Pvt Ltd. * Prepared the report of campus interview and submitted the same * Prepared the annual report of internship and placement cell. |
| **4.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Served as Chairperson , Stage decoration committee for Autism Awareness day on 2nd April 2013 * Served as Chairperson, Registration committee for the Seminar on Rehabilitation of Oral Cancer on 17th April 2013 & National Seminar on Recent Advances in Voice Care on 18th & 19th April 2013 |
| **5.** | **Mr. Santosha C.D.** |
|  | * Served as the in charge of Sports committee on Autism day at 01 April. AIISH, Mysore * Served as the in-charge of Registration committee for the seminar on Rehabilitation of oral Cancer held at 17th April, 2013 and National seminar on Recent Advances in Voice Care held at 18th & 19th April, 2013. AIISH, Mysore. |
| **6** | **Dr. Deepa M.S.** |
|  | * + - * Compiled assignment and test marks of III BSc students, B Section and issued IA marks.     - In-charge of catering committee for the seminars on Rehabilitation of Oral Cancer and Recent Advances on Voice Care held on 17th -19th April 2013. * Preparation of posters for display board in the department |
| **7** | **Ms. Deepthi K.J.** |
|  | * Served as catering committee in-charge for the seminars conducted by the department on 17, 18 and 19 of March viz., “Seminar on Rehabilitation of oral cancer” and “National Seminar on Recent Advances in Voice Care” * Served as registration committee in-charge for autism awareness day on 2nd April. * Tabulation and submission of IA for 3rd B.Sc, for the subject “Dysarthria and Apaxia” * Tabulation and submission of clinical IA for students supervised for therapy. |

**HOD-Speech and Language Pathology**

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – MAY 2013**

**I. Academic Activities**

**A. Theory classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. Shyamala K. C. | I Msc (SLP)/ II sem | Child Language Disorders | 4 | 20 |
| PGDCL | - | - | - |
| Dr. R. Manjula | II M.Sc (SLP) ‘A’ and ‘B’ section/ IV sem | Augmentative and Alternative Communication | 4 | 12 |
| Dr. M. Pushpavathi | I Msc (SLP)’A’ amd ‘B’ section/IIsem | Maxillofacial Anomalies and Phonological disorders | 4 | 18 |
| Mr. Brajesh Priyadarshi | I B.Sc./ I sem | Linguistics, Phonetics and Language Sciences | 3 | - |
| I M. Sc (SLP)/ I sem | Clinical Linguistics and Multilingual issues in communication | 4 | - |
| Dr.Jayashree C Shanbal | B.Sc (Vth Semester) | Childhood language disorders | 3 | 4 |
| I M.Sc (II semester) | Childhood language disorders | 4 | 4 |
| Dr. Swapna.N | III BSc (sp & hg.) | Dysarthria and Apraxia | 4 | - |
| Dr. M.S. Vasantha Lakshmi | II B.Sc | Statistics & Research methods | 3 | - |
| I M.Sc.(SLP) | Statistics in Speech-Language & Hearing | 4 | - |
| I M.Sc.(Aud) | Statistics in Speech-Language & Hearing | 4 | - |
| I PGDCL | - | - | - |
| I B.S.Ed. | Educational Management Curriculum Designing and Research | 2 (shared) | - |
| Mr. Pebbili. Gopi  Kishore | II B.Sc.(B section)/ IV sem | Voice and its disorders | 3 | 5 |
| DHLS | Basic Medical Sciences | 1 | 4 |
| Mr. Santosha C.D. | I M.Sc.SLP ( Section B) | Research methods and Statistics in Speech & Hearing | 2 | - |
| Deepa M.S. | III BSc (B section)/ VI sem | Aphasia and Other Language Disorders | 3 | 3 |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of Language in Young Children (Deaf & Hard of Hearing) Birth to 3 years &3 to 6 years. | 2 | 8 |
| Diploma course in Hearing, Language and Speech (DHLS) | Introduction to Speech-Language Pathology | 2 | 8 |
| Deepthi K.J. | III B.Sc (B section)/ VI sem | Dysarthria and apraxia | 3 | - |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of language in young children (Deaf & hard of hearing ) birth to 3 years and 3 years to 6 years | 2 | - |

**B. Practical classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. N. Swapna | III BSc (sp & hg.) | Practical (Dysarthria and Apraxia) | - | - |
| Mr. Gopikishore Pebbili | II B.Sc. (Sp&Hg) | Practicals | 1 | 1 |
| I B.Sc. (Sp&Hg) | Practicals | 1 | 1 |
| Ms. Gayathri Krishnan, Clinical Assistant | I B.Sc/ 2nd sem (Section A) | SLP practicals | 1 | - |
| II B.Sc/ 4th sem (Section A) | SLP practicals | 1 | - |
| III B.Sc / 6th sem (section A) | SLP practicals | 2 | - |

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

|  |  |
| --- | --- |
| **Organizing Department** |  |
| **Coordinator** |  |
| **Theme** |  |
| **Objectives** |  |
| **Target Audience** |  |
| **No. of participants** |  |
| **Date** |  |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
| **1** | **Dr. Shyamala K.C.** |
|  | * Attended departmental meeting on 1.5.2013 * HOD’s meeting was attended in board room on 2nd May 2013 * Attended Ph.D viva of Ms. Sarika Khurana through skype at AIISH on 8th May doctoral committee member * Ethical committee meeting was held on 8th & 9th May 2013 at board room, AIISH * Attended Dr. Vijayalakshmi Basavaraj endownment lecture on 17th may 2013 * Attended Prawin Kumar’s open viva voce at the seminar hall as doctoral committee member * Attended building committee meeting on 22nd May 2013 at 11 a.m. * Attended NAAC related committee meeting arranged by director on 22nd May 2013 * Departmental meeting 27th May, 2013 * Attended DPC meeting at Nirman Bhavan, New Delhi on 30th May 2013 * Attended viva voce of 3 dissertation students on 31st May 2013 |
| **2.** | **Dr. R. Manjula** |
|  | * Coordinated 2 meetings of NAAC steering Committee w.r.t Mock Peer Review Committee’s visit to the institute |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Arranged for phd viva voce of Mrs Sarika Khurana on 6th and Mr. Pravin on 17th May 2013 * Entrance exam question paper setter for M. Sc ( SLP ) and attended and co ordinate the meeting on 13th and 14th May 2013 * Office superintendent for UG and PG exam * Arranged for exams and clinical viva voce for UG and PG * Met the Registrar (evaluation) on 17th and discussed related to M.Sc entrance exam. * Arranged for dissertation , hard core and soft core Viva voce of M.Sc programs * Attended meeting on 24th related to CBCS modifications in the board room * Attended meeting related to the Mock NAAC visit * Arrangements were made related to visit of NAAC members visit. |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Attended a department meeting on 27.05.13 pertaining to the preparation of Mock NAAC inspection. * Attended a faculty meeting on 30.05.13 pertaining to the preparation of Mock NAAC inspection. * Attended the invigilation duty for PG examination conducted by the University of Mysore on 24.05.13 * Attended the valuation of PG answer scripts conducted by the University of Mysore on 29.05.13. * Nominated and served as Stock verification Officer for verification of technical equipments present in the Department of Clinical Psychology. |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as chairperson of the library committee * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served on Editorial Board of CIA, Bangalore * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Serving as mentor for II B.Sc. (A section) students. * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). Attended a meeting on 27. 9.12 * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the unit for Motor speech Disorders (U-MSD). * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Serving as the coordinator for CBCS for I MSc (SLP) and PGDCL-SLP for the academic year 2011-12. Compiled C1 and C2 and attendance for both the courses and sent it to the Academics. * Nominated as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Served as an external examiner for DEd SE (HI) on 16.5.2013 at Bamboo bazaar, Mysore * Served as an examiner for setting and compiling the MSc (SLP) entrance exam question paper 2013 from 13th to 17th May 2013. * Compiled the C1, C2 and attendance of I and II MSc (SLP) students and forwarded to the academic section. Framed the time table for their exams. |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. * Deputed to collect question papers of UG Examinations, May 2013 * Deputed to collect question papers of PG Examinations, May 2013 |
| **8.** | **Mr. Gopi Kishore** |
|  | * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic and attending team meetings, suggested modifications to existing voice assessment proforma. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. * Serving as mentor for the students of second year B.Sc. (Sp & Hg) A-Section. * Served as invigilator for B.Sc. (Speech & Hearing) examination on 23.05.13. * Served as invigilator for M.Sc. (Audiology) examination on 27.05.13 |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant**   * Assisting Dr. K. Yeshoda in the working of Internship and Placement Cell * Preparation of drafts for ISO standards for the Dept. of Speech-Language Pathology. * Compilation of materials submitted for ISO standards by different faculty/staff of the department of speech-language pathology |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Serving as the co mentor of II B. Sc. (Section B). * Served as the invigilator of B.Sc. exam held at 16/05/2013 at 9.30 to 11.30 and M.Sc exam held at 22/05/2013 at 9.30 to 1.00. |
| **11.** | **Dr. Deepa M.S.** |
|  | * Appointed as internal practical examiner for Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) conducted on 20.05.2013 at AIISH. * Appointment as room superintend for theory examinations conducted on 23.05.2013 and 29.05.2013 at AIISH. * Prepared practical marks for internship students. * Prepared practical marks for MSc (SLP) students. |

**II. Research Activities**

1. **Research Projects:**

|  |  |
| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Nil | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,00 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Search for selection of candidates is on. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and among multilinguals. Language proficiency and Code switching would be examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is completed and analysis is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing method and review of literature are completed. | |
|  |  |
|  | |  |  |  |  | | --- | --- | --- | --- | | **3.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |  | |  | **Objectives** | **To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics** |  | |  | **Principal Investigator & Co-Investigator** | Principal Investigator: Dr. R. Manjula  Co Investigator: Dr. P. Manjula |  | |  | **Funding Agency** | Department of Science and Technology (DST) |  | |  | **Fund** | Financial sanction awaited |  | |  | **Status** | Financial sanction awaited |  | |  | **Summary of work done in 2012-13** | - |  | |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,04,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Data collection is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **Cognitive linguistic impairments in bi/multilingual persons with aphasia, traumatic brain injury and right hemisphere damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-investigator(s)** | Ms. Gayathri Krishnan (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,11,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Method- finalized  Review of literature- ongoing  Data collection- In progress  Analysis- In progress | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted on 10.9.12 | |  | **Summary of the work done 2012-13** | Data collection, analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **4.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed & submitted on 29.4.13 | |  | **Summary of the work done 2012-13** | Data analysis and report readied. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Final report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Final report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report is being ready for submission. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and analysis is in progress .Statistical analysis and reporting to be completed | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Submitted the final report. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Submitted the final report | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
|  |  |
|  | |  |  |  | | --- | --- | --- | | **30.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **33.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is going on. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **34.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals:**

**B.2.2.Papers published in proceeding of National/International Conference/Seminar: Nil**

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals: Nil**

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in  Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations ongoing (2012-13):**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 21

Number of Sessions with students & staff for statistical analysis : 24

**A.2. Santosha C.D.**

Number of work order attended: 17

Number of sessions with students & staff for statistical analysis: 19

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | 5 | 2 | 2 | 2 | 1 | 12 |
| Therapeutics | 60 | - | - | - | - | - |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 10 | - | - | 10 |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 2 | - | 1 | - | - | 3 |
| Therapeutics | 20 | - | 3 | - | - | 23 |
| 5. | JS | Diagnostics | 15 | 1 | - | - | - | 16 |
| Therapeutics | 4 | - | - | - | - | 4 |
| 6. | PGK | Diagnostics | 10 | 18 | 02 | 00 | 02 | 32 |
| Therapeutics | 03 | 06 | 02 | 00 | 03 | 14 |
| 7. | DMS | Diagnostics | 8 | - | 5 | 1 | - | 14 |
| Therapeutics | 35 | - | - | - | - | 35 |
| 8. | DKJ | Diagnostics | 2 | - | 4 | 0 | 25 | 31 |
| Therapeutics | 4 | - | 5 | - | 1 | 10 |
| Total | | Diagnostics | 41 | 21 | 14 | 3 | 28 | - |
| Therapeutics | 126 | 6 | 20 | - | 4 | - |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for May 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 2 |
| Evaluation Sessions | 2 |
| Therapy cases seen | 16 |
| Therapy Sessions | 97 |
| D.T. Cases | 1 |
| Home training cases | 1 |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | 2 |
| No. of sessions for M.Sc internees | 6 |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for May 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 37 |
| 1. No. of assessment sessions | 37 |
| 1. No. of therapy cases | 68 |
| 1. No. of therapy sessions | 240 |
| 1. No. of D.T. cases | 07 |
| 1. No. of cases discharged | 00 |
| 1. No. of cases discontinued | 02 |
| 1. No. of Hindi cases | 06(diagnostics) |
| 1. No. of materials developed | Video Script for :  1.Reciprocal imitation training,  2.Differential diagnosis for ASD  3.Childhood Autism Rating Scale  4.Diagnostic Scale for ASD |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 21 |
| No. of DSL with MR with ASD | 07 |
| DSL with MR | 05 |
| No. of CDD | 00 |
| No. of DSL with ADHD | 00 |
| No of Pragmatic disorder | 01 |
| No. of DSL with MR with CP | 03 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for May 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 25 |
| 2. | No. of assessment sessions | 25 |
| 3. | No. of therapy cases | 59 |
| 4. | No. of therapy sessions | 355 |
| 5. | No. of D.T. cases | 2 |
| 6. | No. of cases discharged | 1 |
| 7. | No. of cases discontinued | 2 |
| 8. | No. of cases re-evaluated | 9 |

3. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for May 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Feeding assessment by the team (new clients) | 6 |
| Feeding therapy (given activities for home training) by the team (new clients) | 4 |
| Follow up intervention sessions | 2 |
| Counselling | 4 |
| No. of Hindi cases | 1 |
| Material development | - |

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for May 2013**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – May 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 19 |
| 2. | No of sessions | 79 |
| 3. | No of DT case sessions | 12 |
| 4. | No of cases discharged | 9 |

USOFA CLINICAL ATTENDANCE FOR THE MONTH OF May 2013

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics |  |  |
| No. of clients evaluated by plastic surgeon | 23 | 11 |
| No. of clients evaluated by prosthodontist | 1 | - |
| No of cases seen by orthodontist | 10 | 4 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 6 | 1 |
| No. of clients recommended for surgery | 13 | 2 |
| No. of clients recommended for speech therapy | 11 | 5 |
| No. of client recommended for Prosthesis | 1 | - |
| **Details of rehabilitation** | - | - |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 10 | 4 |
| Total No of cases attended Demonstration therapy | 4 | 1 |
| No of sessions ( D.T ) | 8 | 4 |
| No of speech and language therapy sessions held | 60 | 19 |
| Manpower development |  | |
| No of postgraduate students trained | 4 | |

|  |  |
| --- | --- |
| Total number of cases seen | 19 |
| Total number of sessions | 79 |
| Daily average sessions | 3 |
| Number of DT cases | 5 |
| Number of new cases | 7 |
| Number of repeat cases | 12 |
| Number of cases discharged | 9 |
| Number of cases discontinued | 3 |
| Number of working days | 23 |
| Number of students posted | 1 |

**Audio Visual Material development:**

* A data bank of 8 cases with cleft of lip and palate has been collected.

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 22 ½ hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

**A.6. Public Lecture Series:**

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract
3. Deputation
4. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors: Nil**

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Dr. Shyamala K.C.** |
|  | * C2 was submitted for MASLP * Dissertation work of 3 students completed * Sent out ethical clearance certificates for all the 45 Ph.Ds and 23 ARFs PI’s |
| **2.** | **Dr. Jayashree Shanbal** |
|  | * Attended ISO meeting with Mr. Bhargava on behalf of the Dept. of SLP on 28-05-2013. * Attended Department meeting on 27-05-2013 as part of NAAC Mock Peer review committee inspection. Arranged for curtains and venetian blinds to the rooms in the department. Helped in reviewing the drafts prepared by staff on documents prepared for the exhibition as part of NAAC activity. Preparation of personal faculty document. * Conducted physical stock verification of the equipments in the Library. * Preparation of Epidemiology unit planned for the year in the Dept. of POCD. Preparation of materials and setting up of room for NAAC Peer review inspection. * Posted in Dept. of POCD on two half days a week (Tuesday forenoon and Friday afternoon). Head in-charge for the dept. of POCD from 13.05.2013 to 16.05.2013. |
| **3.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Compiled the list of Community Education / Public Lectures done by the faculty and staff of Department of Speech-Language Pathology for the inspection by Mock Peer Review Committee (regarding NAAC) * Compiled the list of Short Term Training / Orientation Programmes conducted by the faculty and staff of Department of Speech-Language Pathology for the inspection by Mock Peer Review Committee (regarding NAAC) * Served for the purchase of curtains and related issues in view of inspection by Mock Peer Review Committee (regarding NAAC) |
| **5.** | **Ms. Gayathri Krishnan** |
|  | * Assisting HOD in overall coordination among the staff and faculty members of the department in the preparations for mock NAAC visit. * Participation in exhibiton committee and its duties * Participation in preparation of display on the display boards in the department * Maintenance of equipments * Rearrangements of resources of the department * Incorporating the suggestions provided by the faculty members within the department. * Assisting the HOD in division of responsibilities * Assisting the HOD in arranging department meetings * Coordinating between committees * Noting and implementing suggestions from the Mock peer committee. * Assisted in stock verification and report preparation * Assisting the HOD in compiling clinical marks * Presented and received ethical clearance for the ARF project. * Orientation to Mr. Sandeep suresh * Working on a client with swallowing difficulty * Maintenance of the instruments * Maintenance of stock register * Working for the internship committee and placement cell. * Prepared the materials as per the circulars received and sent the information on time. * Handled purchase files * Assisted and Guided Ms. Anusha in the ARF project. * Assisted in the borrowal and issual of tests, materials and other resources to staffs and students. * Compiled the attendance of internship first batch inside postings * Compiled clinical IA marks * Working on preparation of materials for NAAC visit * Working on a research paper |
| **6** | **Dr. Deepa M.S.** |
|  | * Preparation of posters for display board in the department. * Preparation of documents for NAAC visit. |
| **7** | **Ms. Deepthi K.J.** |
|  | * Served as catering committee in-charge for “Ethical committee meeting” held in AIISH * Tabulation and submission of Clinical IA for M.Sc and Intern students. * Served as invigilator on 24 May 2013. * Served as Invigilator on 8th May 2013 for B.Sc entrance * Actively involved in the preparation of posters for NAAC |

**HOD-Speech and Language Pathology**

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – JUNE 2013**

**I. Academic Activities**

**A. Theory classes**

No classes were taken as it was vacation for the students.

**B. Practical classes**

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

|  |  |
| --- | --- |
| **Organizing Department** |  |
| **Coordinator** |  |
| **Theme** |  |
| **Objectives** |  |
| **Target Audience** |  |
| **No. of participants** |  |
| **Date** |  |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

|  |  |
| --- | --- |
| **1** | **Dr. N. Swapna** |
|  | * Attended a guest lecture by Sanyukta Jaiswal, Asst. Prof. Galludet University, Washington DC on ‘vocal experiments’ on 11.6.2013 at the seminar hall, AIISH. * Attended the 41st All India Conference of Dravidian linguists organized at Dept. of Telugu, Marina Campus, University of Madras, Chennai from 20th to 22nd June 2013. |
| **2** | **Ms. Gayathri Krishnan** |
|  | * Attended a guest lecture by Sanyukta Jaiswal, Asst. Prof. Galludet University, Washington DC on ‘vocal experiments’ on 11.6.2013 at the seminar hall, AIISH. |

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
|  | The department faculty attended faculty meeting organized on account of mock peer review committee visit on 3rd June 2013. |
| **1** | **Dr. Shyamala K.C.** |
|  | * Coordinated & prepared for NAAC-Mock committee visit * Served as Director I/c on 13.6.13 * Conducted department meeting on 13.6.13 related to mock NAAC feedback * Arrangements were made for Mock NAAC visit and briefed the members during their visit to the department * Attended the NAAC feedback meeting on 10.6.13 |
| **2.** | **Dr. R. Manjula** |
|  | * Review meeting of NAACSC with Director on: * 7.6.2013 from 12 noon to 1 pm and 2 pm to 3.30 pm. * 18.6.2013 from 12 noon to 1 pm * 19.6.2013 from 3.00 to 5.30 pm |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Arranged for clinical Viva Voce of Msc SLP/ Msc audiology * Arranged examination schedule of MSc Audiology/ SLP * Made arrangement for Mock NAAC visit..and briefed the members during their visit to academics * Arranged parents and students meeting with mock NAAC committee members * Attended the NAAC feedback meeting on 10.6.13 * Arranged and Attended guest lecture by Dr, sanyuktha Jaiswal on “ Recent development on Voice Physiology “ on 11.6.13 * Attended the meeting related to purchase of furniture on 12.6.13 * Attended department meeting on 13.6.13 related to mock NAAC feedback * Attended AAA meeting on 18.6.13 * Conducted counseling sessions to Bsc ( speech and Hearing ) students and oriented students and parents on 24, 25, 27, 28 * Office superident for UG and Pg examinations * Attended AIISH gymkhana meeting on 26.6.13 |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Attended a meeting on 11.06.13 pertaining to NAAC inspection. * Attended the purchase committee meeting on 14.06.13 pertaining to the Department of Material Development. |
| **5.** | **Dr. N. Swapna** |
|  | * Attended AIISH Alumni meet on 5th June organized on account of mock peer review committee visit. * Conducted meeting with the invigilators nominated for the BSc entrance exam on 5th June. |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as chairperson of the library committee * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter * Coordinated all activities and arrangements w.r.t the visit of Mock Peer Review Committee on June 4-6, 2013 as NAAC Steering Committee Coordinator. |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee * Coordinator, AIISH annual day * Chairperson, M.Sc. entrance exam committee |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. * Served as the In-charge Head, Department of Material Development from 10.06.13 to 14.06.13; and from 25.06.13 to 28.06.13. * Served as In-charge head, Department of Speech-Language Pathology from 14.06.13 to 17.06.13 |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). Attended a meeting on 27. 9.12 * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the unit for Motor speech Disorders (U-MSD). * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Serving as the coordinator for CBCS for I MSc (SLP) and PGDCL-SLP for the academic year 2011-12. Compiled C1 and C2 and attendance for both the courses and sent it to the Academics. * Nominated as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Served as a member of the committee constituted for conducting, evaluating and announcing the results of Entrance examination 2013 for BSc and MSc programs. * Compiled the appendices from SSR for mock peer review committee visit on 3rd, 4th and 5th June 2013 and arranged for display. * Arranged the MSD special clinic for the mock peer review committee visit on 3rd, 4th and 5th June 2013. * Served as examiner for BSc (sp & hg.) examination from 11-13th June 2013. |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. * Member, Anti Ragging Squad |
| **8.** | **Mr. Gopi Kishore** |
|  | * As Deputy Chief Superintendent conducted B.Sc. (Sp & Hg) entrance examination on 8th June, 2013 at Mumbai centre. * Serving as custodian and reviewer for PG Central evaluations at University of Mysore. * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic and attending team meetings, suggested modifications to existing voice assessment proforma. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. * Served as mentor for the students of second year B.Sc. (Sp & Hg) A-Section. |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant**   * Assisting Dr. K. Yeshoda in the working of Internship and Placement Cell * Preparation of drafts for ISO standards for the Dept. of Speech-Language Pathology. * Compilation of materials submitted for ISO standards by different faculty/staff of the department of speech-language pathology |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Serving as the co mentor of II B. Sc. (Section B). |

**II. Research Activities**

1. **Research Projects:**

|  |  |
| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Nil | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,00 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Search for selection of candidates is on. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and multilinguals. Language proficiency and Code switching were correlated and examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted report on 28.3.2013 | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is completed and analysis is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing method and review of literature are completed. | |
|  |  |
|  | |  |  |  |  | | --- | --- | --- | --- | | **3.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |  | |  | **Objectives** | To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics |  | |  | **Principal Investigator & Co-Investigator** | Principal Investigator: Dr. R. Manjula  Co Investigator: Dr. P. Manjula |  | |  | **Funding Agency** | Department of Science and Technology (DST) |  | |  | **Fund** | Financial sanction awaited |  | |  | **Status** | Financial sanction awaited |  | |  | **Summary of work done in 2012-13** | - |  | |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,04,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Data collection is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **Cognitive linguistic impairments in bi/multilingual persons with aphasia, traumatic brain injury and right hemisphere damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-investigator(s)** | Ms. Gayathri Krishnan (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,11,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Method- finalized  Review of literature- ongoing  Data collection- In progress  Analysis- In progress | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted on 10.9.12 | |  | **Summary of the work done 2012-13** | Data collection, analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **4.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed & submitted on 29.4.13 | |  | **Summary of the work done 2012-13** | Data analysis and report readied. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Final report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Final report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report is being ready for submission. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and analysis is in progress .Statistical analysis and reporting to be completed | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Submitted the final report. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Submitted the final report | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
|  |  |
|  | |  |  |  | | --- | --- | --- | | **30.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **33.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is going on. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **34.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**Dr. N. Swapna**

* Swapna.N & Shylaja K (2013). *Word and nonword repetition in typically developing children.* 41st All India Conference of Dravidian linguists organized at Dept. of Telugu, Marina Campus, University of Madras
* Saranya, V & Swapna.N (2013). *Metasemantic awareness in monolingual and bilingual children*. 41st All India Conference of Dravidian linguists organized at Dept. of Telugu, Marina Campus, University of Madras, Chennai

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals: Nil**

**B.2.2.Papers published in proceedings of National/International Conference/Seminar:**

**Dr. Shyamala K.C.**

* Maria G.T. & Shyamala Chengappa (2013). Expressive bound morphemes in Malayalam speaking children with Autism Spectrum disorders. Abstract published in the proceedings of the 41st All India Conference of Dravidian Linguists organized at the Department of Telugu, Marina Campus, University of Madras, Chennai, page 55

**Dr. N. Swapna**

* Swapna.N., & Shylaja, K. (2013). Word and nonword repetition in typically developing children. Abstract Published in the proceedings of the 41st All India Conference of Dravidian linguists organized at Dept. of Telugu, Marina Campus, University of Madras, Chennai, p.69.
* Saranya, V., & Swapna, N. (2013). Metasemantic awareness in monolingual and bilingual children. Abstract Published in the proceedings of the 41st All India Conference of Dravidian linguists organized at Dept. of Telugu, Marina Campus, University of Madras, Chennai, p. 68.

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals:**

**Dr. Shyamala K.C.**

Reviewed a paper for JERR (Journal of Educational Research & Reviews, Science Web publishers)

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in  Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations completed (2012-13):**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 11

Number of Sessions with students & staff for statistical analysis : 25

**A.2. Santosha C.D.**

Number of work order attended: 08

Number of sessions with students & staff for statistical analysis: 13

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | 02 | 03 | 04 | 03 | 02 | 14 |
| Therapeutics | 36 | - | - | - | - | 36 |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 10 | - | - |  |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 2 | - | 1 | - | - | 3 |
| Therapeutics | 15 | - | 5 | - | - | 20 |
| 5. | JS | Diagnostics | 20 | - | - | - | - | 20 |
| Therapeutics | 8 | - | - | - | - | 8 |
| 6. | PGK | Diagnostics | 05 | 25 | 02 | 00 | 02 | 32 |
| Therapeutics | 03 | 07 | 02 | 00 | 02 | 14 |
| 7. | DMS | Diagnostics | 5 | - | 1 | 1 | - | 7 |
| Therapeutics | 6 | - | - | - | - | 6 |
| 8. | DKJ | Diagnostics | 1 | - | 4 | 0 | 26 | 31 |
| Therapeutics | 4 | - | 5 | - | 1 | 10 |
| Total | | Diagnostics | 35 | 28 | 12 | 4 | 30 | - |
| Therapeutics | 72 | 07 | 15 | 0 | 3 | - |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for June 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 0 |
| Evaluation Sessions | 0 |
| Therapy cases seen | 16 |
| Therapy Sessions | 102 |
| D.T. Cases | 1 |
| Home training cases | 1 |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | - |
| No. of sessions for M.Sc internees | - |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for June 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 23 |
| 1. No. of assessment sessions | 23 |
| 1. No. of therapy cases | 45 |
| 1. No. of therapy sessions | 226 |
| 1. No. of D.T. cases | 09 |
| 1. No. of cases discharged | 04 |
| 1. No. of cases discontinued | 02 |
| 1. No. of Hindi cases | 03(diagnostics) |
| 1. No. of materials developed | Video Script for :  1.DDC ASD check list |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 14 |
| No. of DSL with MR with ASD | 02 |
| DSL with MR | 03 |
| No. of CDD | 00 |
| No. of DSL with ADHD | 00 |
| No of Pragmatic disorder | 00 |
| No. of Dsl with MR with CP | 02 |
| No. of ELD with ADHD | 01 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for June 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 13 |
| 2. | No. of assessment sessions | 13 |
| 3. | No. of therapy cases | 58 |
| 4. | No. of therapy sessions | 380 |
| 5. | No. of D.T. cases | 4 |
| 6. | No. of cases discharged | 1 |
| 7. | No. of cases discontinued | 3 |
| 8. | No. of cases re-evaluated | 5 |

3. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for June 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Feeding assessment by the team (new clients) | 1 |
| Feeding therapy (given activities for home training) by the team (new clients) | 2 |
| Follow up intervention sessions | 2 |
| Counseling | 1 |
| No. of Hindi cases | 2 |
| Material development | - |

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for June 2013**

**DEPARTMENT OF SPEECH LANGUAGE PATHOLOGY**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – June 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 11 |
| 2. | No of sessions | 29 |
| 3. | No of DT case sessions | 1 |
| 4. | No of cases discharged | 2 |

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics |  |  |
| No. of clients evaluated by plastic surgeon | 15 | 3 |
| No. of clients evaluated by prosthodontist | - | - |
| No of cases seen by orthodontist | 2 | 1 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 2 | 1 |
| No. of clients recommended for surgery | 4 | - |
| No. of clients recommended for speech therapy | 13 | 3 |
| No. of client recommended for Prosthesis | - | - |
| **Details of rehabilitation** | - | - |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 8 | 2 |
| Total No of cases attended Demonstration therapy | 1 | - |
| No of sessions ( D.T ) | 4 | - |
| No of speech and language therapy sessions held | 23 | 6 |
| Manpower development |  | |
| No of postgraduate students trained | - | |

|  |  |
| --- | --- |
| Total number of cases seen | 11 |
| Total number of sessions | 29 |
| Daily average sessions | 2 |
| Number of DT cases | 1 |
| Number of new cases | 3 |
| Number of repeat cases | 8 |
| Number of cases discharged | 2 |
| Number of cases discontinued | 3 |
| Number of working days | 20 |
| Number of students posted | - |

* A data bank of 6 cases with cleft of lip and palate has been collected.

**Audio Visual Material development:**

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 15 hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

**A.6. Public Lecture Series:**

**Dr. N. Swapna**

Delivered a public lecture on the topic’ Facilitating language skills in children with communication disorders’ on 29.6.2013 in the Seminar hall at AIISH. Approx. 45-50 people attended the lecture.

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**Dr. M. Pushpavathi**

* Nominated as the coordinator for the annual day celebrations

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract
3. Deputation
4. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors: Nil**

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Dr. Jayashree Shanbal** |
|  | * As part of NAAC visit to the institute carried out the following duties * Preparation of power point presentation for NAAC committee visit * Conducted meeting of subcommittee for preparation of presentation * Conducted meeting and submitted Form 1 and 2 along with the other members of the department including Mr. Gopi Kishore, Ms. Gayathri. Ms. Deepa. M.S. and Ms. Deepthi. K.J. * Collected the posters that need to be prepared for ASD Unit * As part of ISO document manual preparation submitted th revised document for Research under Dept. of Speech-Language Pathology. * Sent justification for purchase of Vertical Blinds for the Department. * Reviewing and editing proceedings of Non-aphasia Cognitive Communication Disorders. * Prepared and submitted physical stock verification report of the equipments in the Library. * Posted in Dept. of POCD on two half days a week (Tuesday forenoon and Friday afternoon). Head in-charge for the dept. of POCD from 26.06.2013 to 28.06.2013. As part of POCD activity, * Planning for Phase III of Translation Workshop. Visited CIIL and discussed with Mr. Winston regarding the translators available for different languages * Meeting with designer from PAP Crew for designing the pamphlets * Checked pamphlets translated to Kannada * Checked pamphlets in English and finalized * Completed ISO draft for POCD * Conducted meeting on 28.-6.2013 and assigned duties for preparation of NAAC visit * In the process for preparation of Epidemiology unit planned for the year in the Dept. of POCD. * Preparation of materials and setting up of room for NAAC Peer review inspection and presentation |
| **2.** | **Ms. Gayathri Krishnan** |
|  | * Worked for preparation of materials for ISO certification * Working on preparation of materials for NAAC visit * Working with cases with swallowing difficulty * Assisted HOD in organization and successful completion of Mock NAAC Peer team visit. * Placed PRFs for the first quarter 2013-14 * Part of the team that compiled the evaluation report of the department for NAAC. * Prepared the settlement of bills of Mock Peer NAAC visit * Made the suggested corrections in brochure and sent it to Director for approval * Prepared materials for ISO-Research process and sent to Jayashree mam and HOD for approval * Recorded the video samples of case evaluation using DSW, DASI, and IOPI in Lab 2 |
| **3.** | **Mr. Santosha C. D.** |
|  | * Working as in-charge of designing the layout of the department, Electrical works, etc for the purpose of NAAC visit. |
| **4** | **Dr. Deepa M.S.** |
|  | * Reviewed the posters for display for NAAC visit. * Preparation of posters for display board in the department. * Preparation of documents for NAAC visit. * Prepared slides related to Neuroanatomy of language functions and etiology of aphasia for presentation during NAAC visit. |
| **5** | **Ms. Deepthi K.J.** |
|  | * Correction and compilation of posters for NAAC inspection and necessary arrangements for their display. * Preparation of poster to display statistics of Department for NAAC inspection |

**HOD-Speech and Language Pathology**

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – JULY 2013**

**I. Academic Activities**

**A. Theory classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. Shymala K.C. | II M.Sc. (SLP) | Aphasia | 4 | 10 |
| Dr. R. Manjula | II M.Sc (SLP) ‘A’ and III sem | Motor Speech Disorders | 4 | 9 |
| Dr. M. Pushpavathi | II Msc ( SLP ) | Voice and its disorders | 4 | 6 |
|  | II B.Sc. | Maxillofacial Anomalies and laryngectomy | 3 | 10 |
| Mr. Brajesh Priyadarshi | I B.Sc. (Section A & B) | Linguistics, Phonetics and Language Sciences | 3 | 3 |
| I M. Sc (SLP)/ I sem (Section A & B) | Clinical Linguistics and Multilingual issues in communication | 4 | - |
|  | PGDCL | Multilingual and multicultural issues in communication | 4 | - |
| Dr.Jayashree C Shanbal | B.Sc (Vth Semester) | Childhood language disorders | 3 | 14 |
| II M.Sc (III semester) | Childhood language disorders | 4 | 10 |
| Dr. Swapna.N | BSc (sp & hg.) | Motor speech disorders in children  (commenced from 12/7) | 3 | 13 |
| II MSc (SLP)- III sem | Motor speech disorders | 4 | 9 |
| II MSc (SLP)- IIIsem | Fluency and its disorders | 4 | 9 |
| Dr. M.S. Vasantha Lakshmi | II B.Sc (III Sem) B Section | Statistics & Research methods | 3 | 9 |
| I M.Sc.(SLP) | Research methods and statistics in Speech-Language & Hearing | 2 | - |
| I M.Sc.(Aud) | Research methods and statistics in Speech-Language & Hearing | 2 | - |
| I PGDCL | Research methods and statistics | 4 | - |
| I B.S.Ed. | Educational Management Curriculum Designing and Research – 5th unit | 1 | - |
|  | M.S.Ed (I Sem) | Research methods and statistics in Education - I | - | - |
|  | M.S.Ed (II Sem) | Research methods and statistics in Education - II | - | - |
| Mr. Pebbili. Gopi  Kishore | II B.Sc | Phonological Disorders | 3 | 08 |
| II M.Sc. (SLP) | Voice and its disorders | 4 | 10 |
| DHLS | Basic Medical Sciences | 1 | 00 |
| Mr. Santosha C.D. | B.Sc. Section A | Statistics and Research Methods | 3 | 10 |
| I M.Sc.SLP ( Section B) | Research methods and Statistics in Speech & Hearing | 2 | - |
| I M.Sc (Aud) (Section B) | Research methods and Statistics in Speech and Language and Hearing | 2 | - |
| Deepa M.S. | BSc (Speech and Hearing) | Childhood Language Disorders | 3 | 9 |
| Deepthi K.J. | II B.Sc (A section) | Maxillo facial anamolies and laryngectomy | 3 | 10 |
| III B.Sc. (B section) | Motor speech disorder in children | 3 | 17 |

**B. Practical classes**

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

|  |  |
| --- | --- |
| **Organizing Department** | Dept. of SLP |
| **Coordinator** | Dr. Swapna.N |
| **Theme** | Workshop on Application of Augmentative and Alternative Communication (AAC) methods in children with special needs- A practical orientation |
| **Objectives** | To familiarize the participants on the recent development in AAC, different types of AAC used by children with special needs and its importance in early intervention and describe the collaborative approach to AAC assessment. |
| **Target Audience** | SLP |
| **No. of participants** | 124 |
| **Date** | 16th July 2013 |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

|  |  |
| --- | --- |
|  | The department staff attended workshop on “Application of AAC methods in children with special needs – A practical orientation” by the resource person, Mrs. Nandita Maunder, Practicing AAC Specialist, California, USA, on 16.7.2013. Workshop was conducted by the department of Speech-Language Pathology**.** |
| **1** | **Ms. Gayathri Krishnan** |
|  | * Attended a lecture by Dr. Sanyuktha Jaiswal |

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
|  | The department faculty attended a department meeting on 03.07.13 pertaining to preparation for the ‘Workshop on Application of Augmentative and Alternative Communication (AAC) Methods in Children with Special Needs- A Practical Orientation’. |
| **1** | **Dr. Shyamala K.C.** |
|  | * Handed over charge as Chairperson of Library committee to Dr. Y.V. Geetha * Reviewed syllabus for com-DEALL-PGDEI Con * Attended HOD meeting on 1.7.13 & 17.7.13 * Conducted department meeting at 3.30 on 3.7.13 * Attended ISO training on 4th-5th July 2013 and also on 24th July 2013 * Conducted HODs (4 Nos) meeting regarding combined workshops/seminars * Attended ARF evaluation meeting on 23.7.13 * Attended ARF meeting on23.7.13 & presented ARF proposal on HRR for ASD * Coordinated depart. Workshop on Application of Augmentative and Alternative Communication (AAC) Methods in Children with Special Needs- A Practical Orientation |
| **2.** | **Dr. R. Manjula** |
|  | * Attended meeting on “Vision and Mission” statement of AIISH**.** |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Attended HOD s meeting held on 1.7.13 at Board room. * Conducted orientation program for Bsc ( Sp & Hg ) program on 8.7.13 * Arranged and Attended a meeting related to the annual day 2013 on 17.7.13 * Arranged and attended a meeting related to the ragging issue on 31.7.13 * Visited university on 16, 17, 22, 24, 29 and had meeting with registrar evaluation on various issues. * Conducted Bs Ed counseling on 10.7.13 and M s Ed counseling on 19.7.13 * Compiled timetable of Msc (SLP/ Aud ) , Bsc ( Sp &Hg ) , B s Ed ( HI ) programs |
| **4.** | **Mr. Gopi Kishore** |
|  | * Attended meetings with Director as a member in the committee for assessing plagiarism in JAIISH papers. |
| **5.** | **Dr. N. Swapna** |
|  | * Attended a presentation by Dr. MG Sreekumar, Adjunct Prof. and coordinator, Indian Business Museum, IIMK, Kozhikode on Creating a Museum-The IIMK experience on 27th July 2013 in the board room at AIISH. |
| **6.** | **Dr. Deepa M.S.** |
|  | * Supervising III BSc students for Clinical Conference * Oriented I BSc students about various departments/ units in the institute and the activities of the institute etc. * Attended meeting for discussion regarding theme for cultural event on the occasion of annual day celebration on 8.07.2013. |
| **7.** | **Ms. Deepthi K.J.** |
|  | * Guiding students of 3rd B.Sc B section (Ms. Sarga, Ms. Tanaz and Ms. Prithismitha) for their Clinical Conference to be held in January 2014. * Attended meeting conducted as a part of catering committee for upcoming AIISH annual day at Department of Speech Sciences by catering committee in-charge Dr. Santhosh M. |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter * Serving as Chairperson, JISHA, from February 2013. * Coordinated, edited and printed “Department wise evaluation reports of AIISH” for NAAC documentation from July 3 – 9. * Coordinated, edited and printed Department and section brochures for NAAC documentation. * Served as Member of Research Advisory Council held for review of fresh proposals on 23.7.2013. |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee * Chairperson, Student grievance cell * Member Bs Ed ( HI ) and Ms Ed ( HI ) selection Committee * Organizer , AIISH annual day 2013 |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). Attended a meeting on 27. 9.12 * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the unit for Motor speech Disorders (U-MSD). * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Nominated as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Served as a member of the committee constituted for conducting, evaluating and announcing the results of Entrance examination 2013 MSc programs. * Nominated as a member of the technology development board including IPR with Mr. Ajish as the chairperson * Serving as a mentor for the I BSc (Sp& hg.) A section. Conducted a mentor meeting and sent the minutes to the Director |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. * Member, Anti Ragging Squad |
| **8.** | **Mr. Gopi Kishore** |
|  | * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. * Served as custodian and reviewer for PG Central evaluations at University of Mysore between 26th June and 12th July, 2013 and reviewed 213 answer scripts. * Serving as a member in the committee to verify for similarity in the papers submitted for JAIISH. |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant**   * Assisting Dr. K. Yeshoda in the working of Internship and Placement Cell |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Serving as the co mentor of II B. Sc. (Section B). |
| **11.** | **Ms. Deepthi K.J.** |
|  | * Serving as additional member of Unit for structural Orofacial Anomalies from February 2013 and participated in the team assessment sessions for individuals with cleft lip and palate. * Assisting as an additional member of Unit for Motor Speech Disorders *out of own interest* since January 2013 and participated in the team assessment sessions for individuals with Motor Speech Disorder. |

**II. Research Activities**

1. **Research Projects:**

|  |  |
| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data collection going on. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,000 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Selection of candidate done. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and multilinguals. Language proficiency and Code switching were correlated and examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted report on 28.3.2013 & UC on 28.7.13 | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is completed and analysis is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing method and review of literature are completed. | |
|  |  |
|  | |  |  |  |  | | --- | --- | --- | --- | | **3.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |  | |  | **Objectives** | To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics |  | |  | **Principal Investigator & Co-Investigator** | Principal Investigator: Dr. R. Manjula  Co Investigator: Dr. P. Manjula |  | |  | **Funding Agency** | Department of Science and Technology (DST) |  | |  | **Fund** | Financial sanction awaited |  | |  | **Status** | Financial sanction awaited |  | |  | **Summary of work done in 2012-13** | - |  | |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,04,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Data collection is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **Cognitive linguistic impairments in bi/multilingual persons with aphasia, traumatic brain injury and right hemisphere damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-investigator(s)** | Ms. Gayathri Krishnan (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,11,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Method- finalized  Review of literature- ongoing  Data collection- In progress  Analysis- In progress | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted on 10.9.12 | |  | **Summary of the work done 2012-13** | Data collection, analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **4.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed & submitted on 29.4.13 | |  | **Summary of the work done 2012-13** | Data analysis and report readied. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Final report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Final report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report readied for submission. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and statistical analysis is in progress for report to be completed | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Submitted the final report. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Submitted the final report | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
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|  | |  |  |  | | --- | --- | --- | | **30.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **33.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is completed * Drafted Review of literature and Method. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **34.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals: Nil**

**B.2.2.Papers published in proceedings of National/International Conference/Seminar:**

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals:**

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

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| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

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| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in  Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations completed (2012-13):**

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| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

Dissertations Ongoing (2013-14)

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| **Title** | **Candidate** | **Guide** |
| Mother-child interactions in ASD | Ms. Neethu Yashodharan | Dr. K. C. Shyamala |
| Code mixing & code switching in Telugu bi/multilinguals | Ms. Rajini | Dr. K. C. Shyamala |
| Early developmental indicators in ASD | Ms. Sandhya Koteshwara | Dr. K. C. Shyamala |
| Oral definitions in children with Learning disability | Ms. Juhi Kidwai | Dr. Jayashree Shanbal |
| Linguistic pattern analysis of writing in children with Learning disability | Ms. Saryu Sharma | Dr. Jayashree Shanbal |
| Lexical ambiguity in children with Learning disability | Ms. Sharon Mathew | Dr. Jayashree Shanbal |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 09

Number of Sessions with students & staff for statistical analysis : 15

**A.2. Santosha C.D.**

Number of work order attended: 04

Number of sessions with students & staff for statistical analysis: 05

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | 3 | 2 | - | - | - | 5 |
| Therapeutics | 36 | - | - | - | - | 36 |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 5 | - | - | 5 |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 2 | - | 1 | - | - | 3 |
| Therapeutics | 20 | - | 3 | - | - | 23 |
| 5. | JS | Diagnostics | 12 | - | 1 | - | - | 13 |
| Therapeutics | 8 | - | - | - | - | 8 |
| 6. | PGK | Diagnostics | 06 | 24 | 00 | 00 | 00 | 30 |
| Therapeutics | 03 | 05 | 03 | 00 | 02 | 13 |
| 7. | DMS | Diagnostics | 7 | 1 | 2 | 1 | - | 11 |
| Therapeutics | 32 | - | - | - | - | 32 |
| 8. | DKJ | Diagnostics | 5 | - | 4 | 0 | 20 | 29 |
| Therapeutics | 6 | - | 0 | - | 1 | 7 |
| Total | | Diagnostics | 34 | 27 | 8 | 1 | 20 | - |
| Therapeutics | 105 | 05 | 6 | - | 3 | - |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for July 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 2 |
| Evaluation Sessions | 2 |
| Therapy cases seen | 16 |
| Therapy Sessions | 120 |
| D.T. Cases | 1 |
| Home training cases | - |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | 2 |
| No. of sessions for M.Sc internees | 9 |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for July 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 34 |
| 1. No. of assessment sessions | 34 |
| 1. No. of therapy cases | 82 |
| 1. No. of therapy sessions | 515 |
| 1. No. of D.T. cases | 11 |
| 1. No. of cases discharged | 06 |
| 1. No. of cases discontinued | 15 |
| 1. No. of Hindi cases | 05(diagnostics) |
| 1. No. of materials developed | Preparation materials about the unit in the form of slides. |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 11 |
| No. of DSL with MR with ASD | 04 |
| DSL with MR | 05 |
| No. of CDD | 00 |
| No. of DSL with ADHD | 01 |
| No of Pragmatic disorder | 00 |
| No. of Dsl with MR with CP | 02 |
| No. of ELD with ADHD | 01 |
|  | 09 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for July 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 17 |
| 2. | No. of assessment sessions | 17 |
| 3. | No. of therapy cases | 67 |
| 4. | No. of therapy sessions | 442 |
| 5. | No. of D.T. cases | 4 |
| 6. | No. of cases discharged | 0 |
| 7. | No. of cases discontinued | 4 |
| 8. | No. of cases re-evaluated | 6 |

3. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for July 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Feeding assessment by the team (new clients) | 1 |
| Feeding therapy (given activities for home training) by the team (new clients) | 7 |
| Follow up intervention sessions | 6 |
| Counseling | 1 |
| No. of Hindi cases | 6 |
| Material development | - |

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for July 2013**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – July 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 22 |
| 2. | No of sessions | 44 |
| 3. | No of DT case sessions | - |
| 4. | No of cases discharged | - |

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics |  |  |
| No. of clients evaluated by plastic surgeon | 10 | 1 |
| No. of clients evaluated by prosthodontist | - | - |
| No of cases seen by orthodontist | 2 | 1 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 2 | 1 |
| No. of clients recommended for surgery | 2 | - |
| No. of clients recommended for speech therapy | 8 | 1 |
| No. of client recommended for Prosthesis | - | - |
| **Details of rehabilitation** | - | - |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 20 | 2 |
| Total No of cases attended Demonstration therapy | - | - |
| No of sessions ( D.T ) | - | - |
| No of speech and language therapy sessions held | 38 | 6 |
| Manpower development |  | |
| No of postgraduate students trained | 2 | |

|  |  |
| --- | --- |
| Total number of cases seen | 22 |
| Total number of sessions | 44 |
| Daily average sessions | 2 |
| Number of DT cases | - |
| Number of new cases | 10 |
| Number of repeat cases | 12 |
| Number of cases discharged | - |
| Number of cases discontinued | 6 |
| Number of working days | 23 |
| Number of students posted | 2 |

* A data bank of 7 cases with cleft of lip and palate has been collected.

**Audio Visual Material development:**

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 15 hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

**A.6. Public Lecture Series:**

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract
3. Deputation
4. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors:**

* Ms. Namita. Maunder, Speech Language Pathologist and AAC Specialist from Newark Unified School District, California

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Mr. Brajesh Priyadarshi** |
|  | * Nominated and Served as In charge for Technical Support committee formed for the ‘Workshop on Application of Augmentative and Alternative Communication (AAC) Methods in Children with Special Needs - A Practical Orientation’ organized by the Department of Speech Language Pathology, AIISH on 16.07.2013 |
| **2.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as CBCS coordinator for M.Sc (Speech-Language Pathology). Initiated the preparation towards research proposal presentations as part of dissertation work of II M.Sc students.paration of power point presentation for NAAC committee visit * Conducted meeting with Director on possible dates for C1 and C2 submission * Preparation for orientation to new batch of I M.Sc. students regarding CBCS scheme. * As part of ISO certification program, attended meeting for two days (04.07.2013 to 05.07.2013) regarding mock internal audit. Modification of the document manual in process. Attended review meeting with ISO on 24th July 2013. * Attended purchase meeting for fitting of Vertical Blinds for the Department on 17.7.2013. * Reviewing and editing proceedings of Non-aphasia Cognitive Communication Disorders. * Posted in Dept. of POCD on two half days a week (Tuesday forenoon and Friday afternoon). Head in-charge for the dept. of POCD from 23.07.2013 to 26.07.2013. * As Chairperson of Cultural committee for 48th Annual day celebration of the institute carried out the following duties, * Prepared budget proposal, organized screening and auditions, finalized on the programs, assigned duties to the cultural committee members, arranged for refreshments for all the participants, monitoring the practice of the participants * Attended meeting with other committees and Director on 19th July 2013 |
| **3.** | **Dr. N. Swapna** |
|  | * Submitted documents for APS |
| **4.** | **Ms. Gayathri Krishnan** |
|  | * Worked for preparation of materials for ISO certification * Working on preparation of materials for NAAC visit * Working on a research paper * Working with cases with swallowing difficulty * Assisted HOD in organization and successful completion of Mock NAAC Peer team visit. * Placed PRFs for the first quarter 2013-14 * Part of the team that compiled the evaluation report of the department. * Assisted HOD in organizing department meeting for discussion of time table and preparations for NAAC VISIT. * Prepared the settlement of bills of Mock Peer NAAC visit * Made the suggested corrections in brochure to send it to Director for approval * Prepared materials for ISO-Research process and sent to Dr. Jayashree and HOD for approval * Recorded the video samples of case evaluation using DSW, DASI, and IOPI in Lab 2 |
| **5.** | **Mr. Santosha C. D.** |
|  | * Worked as in-charge of catering committee for work shop on “Application of Augmentative and Alternative Communication (AAC) Methods in Children with Special Needs- A Practical Orientation held on 16th July, 2013 at AIISH, Manasagangothri, Mysore |
| **6.** | **Dr. Deepa M.S.** |
|  | * Correcting the practical workbooks prepared by other staffs for content and organization. * Preparing practical workbooks on Electroglottography and Ambulatory Phonatory Monitor. * Served as in-charge of welcome committeefor workshop on 16.7.2013 on “Application on Augmentative Alternative Communication (AAC) methods in children with special needs by Ms. Namitha Maunder at AIISH. * Presented research proposal for AIISH research fund on two topics on 23.07.2013: “Modified Receptive Expressive Language test for children between the age range of 3-7 years” and “Profiling cognitive-communication impairments in the elderly”. * Attended convocation at University of Mysore on 5.07.2013 for the PhD award. * Supervised the students practising for cultural event on the occasion of annual day celebration on 23.07.2013 and 30.07.2013 from 6:00 pm to 7:30 pm. |
| **7.** | **Ms. Deepthi K.J.** |
|  | * Preparation of work books at Department of Speech-Language Pathology. * Correction and compilation of Workbooks for NAAC inspection and necessary arrangements for their display. * Worked in preparation of Research Proposal presentation for a project titled “Modified Receptive and Expressive Language Test (M-RELT) for Children between three to seven years” held on 23rd July 2013. * Serving as a member of catering committee for upcoming Annual Day of AIISH to be held on 9th August 2013. |

**HOD-Speech and Language Pathology**

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – AUGUST 2013**

**I. Academic Activities**

**A. Theory classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. Shymala K.C. | II M.Sc. (SLP) | Aphasia | 4 | 10 |
| PGDCL | Fundamentals in clinical linguistics | 5 | 6 |
| Dr. R. Manjula | II M.Sc (SLP) ‘A’ and III sem | Motor Speech Disorders | 4 | 15 |
| Dr. M. Pushpavathi | II Msc ( SLP ) | Voice and its disorders | 4 | 8 |
| II B.Sc. | Maxillofacial Anomalies and laryngectomy | 3 | 10 |
| Mr. Brajesh Priyadarshi | I B.Sc. (Section A & B) | Linguistics, Phonetics and Language Sciences | 3 | 3 |
| I M. Sc (SLP)/ I sem (Section A & B) | Clinical Linguistics and Multilingual issues in communication | 4 | 4 |
| PGDCL | Multilingual and multicultural issues in communication | 4 | 5 |
| Dr.Jayashree C Shanbal | B.Sc (Vth Semester) | Childhood language disorders | 3 | 10 |
| II M.Sc (III semester) | Childhood language disorders | 4 | 14 |
| Dr. Swapna.N | BSc (sp & hg.) | Motor speech disorders in children  (commenced from 12/7) | 3 | 13 |
| II MSc (SLP)- III sem | Motor speech disorders | 4 | 13 |
| II MSc (SLP)- IIIsem | Fluency and its disorders | 4 | 14 |
| Dr. M.S. Vasantha Lakshmi | II B.Sc (III Sem) B Section | Statistics & Research methods | 3 | 11 |
| I M.Sc.(SLP) A section | Research methods and statistics in Speech-Language & Hearing | 2 | 6 |
| I M.Sc.(Aud) A section | Research methods and statistics in Speech-Language & Hearing | 2 | 5 |
| I PGDCL | Research methods and statistics | 4 | 2 |
| I B.S.Ed. | Educational Management Curriculum Designing and Research – 5th unit | 1 | - |
| M.S.Ed (I Sem) | Research methods and statistics in Education - I | - | 4 |
| M.S.Ed (II Sem) | Research methods and statistics in Education - II | - | - |
| Mr. Pebbili. Gopi  Kishore | II B.Sc | Phonological Disorders | 3 | 10 |
| II M.Sc. (SLP) | Voice and its disorders | 4 | 14 |
| DHLS | Basic Medical Sciences | 1 | 01 |
| Mr. Santosha C.D. | B.Sc. Section A | Statistics and Research Methods | 3 | 10 |
| I M.Sc.SLP ( Section B) | Research methods and Statistics in Speech & Hearing | 2 | 07 |
| I M.Sc (Aud) (Section B) | Research methods and Statistics in Speech and Language and Hearing | 2 | 07 |
| M.S.Ed | Research methods and Statistics in Speech and Language and Hearing | 02 | 07 |
| PGDCL | - | - | 02 |
| Deepa M.S. | BSc (Speech and Hearing) | Childhood Language Disorders | 3 | 9 |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of Language in Young Children (Deaf & Hard of Hearing) Birth to 3 years &3 to 6 years. | 2 | 8 |
| Diploma course in Hearing, Language and Speech (DHLS) | Introduction to Speech-Language Pathology | 2 | 8 |
| Deepthi K.J. | II B.Sc (A section) | Maxillo facial anamolies and laryngectomy | 3 | 10 |
| III B.Sc. (B section) | Motor speech disorder in children | 3 | 16 |
| DTY-DHH | Paper iii - Acquisition of language in young children (deaf & hard of hearing)  Birth to 3 years & 3 to 6 years | 2 | 10 |
| DHLS | Community Based Rehabilitation | 2 | 7 |

**B. Practical classes**

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

**Dr. R. Manjula**

|  |  |
| --- | --- |
| **Organized Department** | Conducted **Pre conference workshop** in the 2nd Annual conference of Laryngology and Voice Association – Laryngology Update 2013 |
| **Coordinator** | Dept. of Speech-Language Pathology & Audiology, SRMC, Chennai |
| **Theme** | Dysphagia – Overview, Assessment and Management protocols/techniques |
| **Objectives** | To provide hands on training in the topic addressed |
| **Target Audience** | Speech-Language Pathologists |
| **No. of Participants** | 64 |
| **Date** | 22.9.2013 |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

|  |  |
| --- | --- |
|  | **Dr. Shyamala K.C., Dr. M. Pushpavathi, Mr. Brajesh Priyadarshi, Dr. N. Swapna, Dr. M. S. Vasanthalakshsmi, Ms. Deepthi K.J.** |
|  | * Attended Workshop on Intellectual Property Rights organized by Technology Development Board & IPR Cell, AIISH on 24th August 2013 at AIISH, Mysore |
|  | **Dr. R. Manjula** |
|  | * Attended 2nd Annual conference of Laryngology and Voice Association – Laryngology Update 2013 from 23 – 24 August held at Chennai. |
|  | **Dr. N. Swapna** |
|  | * Worked as a part of the organizing committee of the workshop on ‘Intellectual Property Rights’ on 24th Aug. 2013 and anchored the workshop. |
|  | **Mr. Gopi Kishore Pebbili** |
|  | * Attended a National Pre-conference on handson training during 2nd Annual conference of Laryngology and Voice Association Organized by Laryngology and Voice Association in association with Sri Ramachandra University, Chennai and Association of Otolaryngologists of India (AOI), Chennai on 23rd August, 2013 * Attended a National conference on ‘Laryngology Update 2013’ (2nd Annual conference of Laryngology and Voice Association) organized by Laryngology and Voice Association in association with Sri Ramachandra University, Chennai and Association of Otolaryngologists of India (AOI), Chennai on 24th and 25th August, 2013 |

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
|  | The department faculty attended a department meeting:   * To discuss about feedback from NAAC visit and modifications required. * For finalizing practical workbook to be prepared before NAAC visit. * For discussion regarding the arrangement of department for NAAC visit on 30.8.2013 |
| **1** | **Dr. Shyamala K.C.** |
|  | * Attended interview for PDF as a panelist on 2.8.13 * Attended meeting for selection of PGDCL students on 6.8.13 * Attended Sampath Kumar’s prethesis colloquium on 6.8.13 * Attended ARF project presentation of Dr. S.P. Goswami on 8.8.13 * Attended Institute day celebrations as a member of Reception committee * Conducted department meeting on 30.8.13 * Corrected and prepared 3 RPs of Dissertation students * Went for central valuation on 19.8.13 in UOM * Attended RP presentations of II M.Sc (SLP) dissertation students from 21st – 23rd August * Attended interview for physiotherapist as a panelist on 29.8.13 |
| **2.** | **Dr. R. Manjula** |
|  | * Served as Chairperson of the session titled “Issues in the management of dysphagia” on 25.8.2013 at 2nd Annual conference of Laryngology and Voice Association – Laryngology Update 2013 from 23 – 24 August held at Chennai. * Attended Clinical conference on ‘Meige Syndrome” on 30.8.2013 |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Visited Bangalore in connection with inviting Dr. Santhosh Hegde for the annual day on 1.8.13. * Arranged and attended a meeting related to the annual day 2013 on 7.8.13 * Arranged meeting related to PDF on 2.8.13 * Arranged and oriented M.Sc students on anti ragging issue on 5.8.13 * Member for selection of PGDCL and attended selection committee meeting on 12.8.13 * Admission of PGDCL candidates on 14.8.13 * Visited university and CDC in connection to affiliation fee structure on 26.8.13 * Attended OLIC meeting on 26.8.13 * Visited university on 19th, 22nd, 24th, 26th August and had meeting with Director , Ph. D section on Ph. D. issues. * Visited MYRA business school on 27.8.13 to have information on infrastructure. |
| **4.** | **Dr. N. Swapna** |
|  | * Attended an orientation program for the DHLS coordinators, staff and students on 5.8.2013 at 2.00 PM at the video conference hall in the academic block * Attended a meeting on museum on 22nd Aug 2013 which included the presentation by the Director on the topic ‘AIISH museum-My Vision” in the board room between 10.30 AM to 1.00 PM. * Attended two meetings with the chairperson and the members of the technology development board on 13.8.13 and 19.8.13. * Attended research proposal presentation of the dissertation of the II MSc (SLP) students on 21st, 22nd and 23rd Aug. * Conducted a meeting with the members of the MSD clinic on 26th Aug to discuss the agenda for the national CP Day celebrations to be held on 3rd Oct 2013. |
| **5.** | **Dr. Deepa M.S.** |
|  | * Attended Master’s dissertation Research Proposal of the academic year 2913-14 held on 21st, 22nd and 23rd August 2013. * Guided the Research Proposal of the candidate J. Sateesh Kumar held on 21st August 2013. * Guided the candidate J. Sateesh Kumar held for submission of revised Research Proposal. * Attended meeting for discussion regarding the cultural event on the occasion of annual day celebration. * Submitted the revised research proposal for AIISH research fund which were presented on 23.07.2013 |
| **6.** | **Ms. Deepthi K.J.** |
|  | * Guiding students of 3rd B.Sc B section (Ms. Sarga, Ms. Tanaz and Ms. Prithismitha) for their Clinical Conference to be held in January 2014. * Attended RP conducted on 12th and 14th of August. * Attended meeting in USOFA for conducting seminar in the month of October. * Attended meeting held in Dept. of Speech Science by Dr. Santhosh M regarding the catering of annual day. |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

|  |  |
| --- | --- |
| **Name of the Faculty & Department** | Dr. R.Manjula |
| **Organization and Event of Presentation** | 2nd Annual conference of Laryngology and Voice Association – Laryngology Update 2013 from 23 – 24 August held at Chennai. |
| **Topic** | Neurogenic voice disordes – Speech-Language Pathologist’s role |
| **Date** | 24.8.2013 |

|  |  |
| --- | --- |
| **Name of the Faculty & Department** | Dr. R.Manjula |
| **Organization and Event of Presentation** | 2nd Annual conference of Laryngology and Voice Association – Laryngology Update 2013 from 23 – 24 August held at Chennai. |
| **Topic** | Management of dysphagia in neurological illnesses |
| **Date** | 25.8.2013 |

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter * Serving as Chairperson, JISHA, from February 2013. |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee * Chairperson, Student grievance cell * Member Bs Ed ( HI ) and Ms Ed ( HI ) selection Committee * Organizer , AIISH annual day 2013 |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. * Served as the In-charge Head, Department of Material Development on 21.08.2013. |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the Special clinic for Motor speech Disorders. * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Served as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Serving as a member of the technology development board and IPR cell with Mr. Ajish as the chairperson. * Serving as a mentor for the I BSc (Sp& hg.) A section. Submitted the monthly attendance * Served as an examiner for the valuation of a paper titled AAC for the IIMSc (SLP) students (ISS scheme) * Serving as a member of the museum committee * Served as an internal examiner for the dissertation research proposal of the II MSc (SLP) student Mr. Abdul Azeez. |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. * Member, Anti Ragging Squad * Served as Class Mentor, II B.Sc. - B section * Served as Member, Anti Ragging Squad * Served as Chairperson, Invitation Committee, Institute day 2013 |
| **8.** | **Mr. Gopi Kishore** |
|  | * Serving as a member in the committee to verify for similarity in the papers submitted for JAIISH. * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant**   * Assisting Dr. K. Yeshoda in the working of Internship and Placement Cell |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Serving as the co mentor of II B. Sc. (Section B). |
| **11.** | **Ms. Deepthi K.J.** |
|  | * Serving as additional member of Unit for structural Orofacial Anomalies from February 2013 and participated in the team assessment sessions for individuals with cleft lip and palate. * Assisting as an additional member of Unit for Motor Speech Disorders *out of own interest* since January 2013 and participated in the team assessment sessions for individuals with Motor Speech Disorder. |

**II. Research Activities**

1. **Research Projects:**

|  |  |
| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data collection going on. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,000 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Selection of candidate done. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and multilinguals. Language proficiency and Code switching were correlated and examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted report on 28.3.2013 & UC on 28.7.13 | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is completed and analysis is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing method and review of literature are completed. | |
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|  | |  |  |  |  | | --- | --- | --- | --- | | **3.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |  | |  | **Objectives** | To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics |  | |  | **Principal Investigator & Co-Investigator** | Principal Investigator: Dr. R. Manjula  Co Investigator: Dr. P. Manjula |  | |  | **Funding Agency** | Department of Science and Technology (DST) |  | |  | **Fund** | Financial sanction awaited |  | |  | **Status** | Financial sanction awaited |  | |  | **Summary of work done in 2012-13** | - |  | |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,04,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Data collection is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **Cognitive linguistic impairments in bi/multilingual persons with aphasia, traumatic brain injury and right hemisphere damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-investigator(s)** | Ms. Gayathri Krishnan (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Fund** | `.3,11,000/- | |  | **Status** | Ongoing | |  | **Summary of the work done 2012-13** | Method- finalized  Review of literature- ongoing  Data collection- In progress  Analysis- In progress | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted on 10.9.12 | |  | **Summary of the work done 2012-13** | Data collection, analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **4.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed & submitted on 29.4.13 | |  | **Summary of the work done 2012-13** | Data analysis and report readied. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Final report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Final report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report readied for submission. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and statistical analysis is in progress for report to be completed | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Submitted the final report. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Submitted the final report | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
|  | |  |  |  | | --- | --- | --- | | **30.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **33.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is completed * Drafted Review of literature and Method. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **34.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | | **Dr. Deepa M.S.** | | | | **35.** | **Title** | **Modified Receptive Expressive Language test for children between the age range of 3-7 years** | |  | **Objectives** | To modify and standardize Receptive Expressive Language Test for children between the age ranges of 3 to 7 years. | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C., & Ms. Deepthi K. J. | |  | **Funding Agency** | AIISH Research Fund | |  | **Fund** | 4,00,000 | |  | **Status** | Received approval letter | |  | **Summary of work done in 2012-13** | Nil | |  |  |  | | **36.** | **Title** | **Profiling cognitive-communication impairments in the elderly** | |  | **Objectives** | To investigate cognitive communication impairment in the elderly using paper-pencil test and computerized assessment battery. | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C, Dr. Peter J. Snyder., & Dr. Paul Maruff. | |  | **Funding Agency** | AIISH Research Fund | |  | **Fund** | 6,40,000 | |  | **Status** | Received approval letter | |  | **Summary of work done in 2012-13** | Nil | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals:**

**Mr. Brajesh Priyadarshi**

* Kumar, N., Priyadarshi, B. (2013). Differential Effect of Aging on Verbal and Visuo- Spatial Working Memory. *Aging and Disease. 4 (4),* 170-178.
* Kumar, N., Priyadarshi, B. (2013). Pattern of Decline of Digit Span Tasks in Adults: A Comparative Study of Pattern of Decline of Digit Forward Span and Digit Backward Span Tasks in Adults. *Indian Journal of Gerontology. 27 (3),* 438- 449.

**B.2.2.Papers published in proceedings of National/International Conference/Seminar:**

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals:**

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations completed (2012-13):**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

Dissertations Ongoing (2013-14)

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Mother-child interactions in ASD | Ms. Neethu Yashodharan | Dr. K. C. Shyamala |
| Code mixing & code switching in Telugu bi/multilinguals | Ms. Rajini | Dr. K. C. Shyamala |
| Early developmental indicators in ASD | Ms. Sandhya Koteshwara | Dr. K. C. Shyamala |
| Oral definitions in children with Learning disability | Ms. Juhi Kidwai | Dr. Jayashree Shanbal |
| Linguistic pattern analysis of writing in children with Learning disability | Ms. Saryu Sharma | Dr. Jayashree Shanbal |
| Lexical ambiguity in children with Learning disability | Ms. Sharon Mathew | Dr. Jayashree Shanbal |
| Discourse Analysis in Individuals with Parkinson’s Disease | Ms. Nandita .S. Upadhyaya | Dr. Swapna.N |
| Development and Validation of Feeding Handicap Index | Ms. Srushti Shabnam | Dr. Swapna.N |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 12

Number of Sessions with students & staff for statistical analysis : 21

**A.2. Santosha C.D.**

Number of work order attended: 04

Number of sessions with students & staff for statistical analysis: 10

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | 4 | 1 | 2 | 2 | - | 9 |
| Therapeutics | 40 | - | - | - | - | 40 |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 6 | - | - | 6 |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 3 | - | 1 | - |  | 4 |
| Therapeutics | 20 |  | 3 |  |  | 23 |
| 5. | JS | Diagnostics | 10 | - | 1 | - | - | 10 |
| Therapeutics | 8 | - | - | - | - | 8 |
| 6. | PGK | Diagnostics | 08 | 22 | 03 | 00 | 00 | 33 |
| Therapeutics | 04 | 05 | 03 | 00 | 02 | 14 |
| 7. | DMS | Diagnostics | 9 | 1 | 3 | 2 | - | 15 |
| Therapeutics | 32 | - | - | - | - | 32 |
| 8. | DKJ | Diagnostics | 5 | - | 4 | 0 | 19 | 28 |
| Therapeutics | 6 | - | 0 | - | 1 | 7 |
| Total | | Diagnostics | 75 | 24 | 14 | 4 | 19 |  |
| Therapeutics | 120 | 05 | 12 | 0 | 3 |  |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for August 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 3 |
| Evaluation Sessions | 3 |
| Therapy cases seen | 20 |
| Therapy Sessions | 122 |
| D.T. Cases | 1 |
| Home training cases | - |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | 4 |
| No. of sessions for M.Sc internees | 18 |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for August 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 22 |
| 1. No. of assessment sessions | 22 |
| 1. No. of therapy cases | 93 |
| 1. No. of therapy sessions | 506 |
| 1. No. of D.T. cases | 09 |
| 1. No. of cases discharged | 04 |
| 1. No. of cases discontinued | 05 |
| 1. No. of Hindi cases | 02(diagnostics) |
| 1. No. of materials developed | Video script of ABCC (given as assignment) |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 16 |
| No. of DSL with MR with ASD | 00 |
| DSL with MR with DD | 04 |
| No. of CDD | 00 |
| No. of DSL with ADHD | 01 |
| No of Pragmatic disorder | 00 |
| DSL with PDD NOS | 09 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for August 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 17 |
| 2. | No. of assessment sessions | 17 |
| 3. | No. of therapy cases | 66 |
| 4. | No. of therapy sessions | 398 |
| 5. | No. of D.T. cases | 3 |
| 6. | No. of cases discharged | 1 |
| 7. | No. of cases discontinued | 4 |
| 8. | No. of cases re-evaluated | 9 |

3. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for August 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Feeding assessment by the team (new clients) | 3 |
| Feeding therapy (given activities for home training) by the team (new clients) | 1 |
| Follow up intervention sessions | 3 |
| Counseling | 1 |
| No. of Hindi cases | 0 |
| Material development | 0 |

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for August 2013**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – August 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 09 |
| 2. | No of sessions | 46 |
| 3. | No of DT case sessions | - |
| 4. | No of cases discharged | - |

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics |  |  |
| No. of clients evaluated by plastic surgeon | 7 | 3 |
| No. of clients evaluated by prosthodontist | - | - |
| No of cases seen by orthodontist | 3 | 1 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 1 | 1 |
| No. of clients recommended for surgery | 3 | 1 |
| No. of clients recommended for speech therapy | 5 | 2 |
| No. of client recommended for Prosthesis | - | - |
| **Details of rehabilitation** | - | - |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 8 | 0 |
| Total No of cases attended Demonstration therapy | 0 | - |
| No of sessions ( D.T ) | 0 | - |
| No of speech and language therapy sessions held | 46 | 0 |
| Manpower development |  | |
| No of postgraduate students trained | 6 | |

|  |  |
| --- | --- |
| Total number of cases seen | 9 |
| Total number of sessions | 46 |
| Daily average sessions | 3 |
| Number of DT cases | 0 |
| Number of new cases | 3 |
| Number of repeat cases | 5 |
| Number of cases discharged | 0 |
| Number of cases discontinued | 0 |
| Number of working days | 21 |
| Number of students posted | 6 |

**Audio Visual Material development:**

* A data bank of 5 cases with cleft of lip and palate has been collected.

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 15 hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

|  |  |
| --- | --- |
| **Name/Topic of the Program** | **Orientation on activities of the department** |
| **Objectives** | - |
| **Faculty Involved** | Ms. Gayathri Krishnan, Ms. Deepa Anand, Mr. Mahesh B.V.M, Ms. Sindhu Varghese |
| **Organized Department/Section/Unit** | Department of SLP, AAC unit, U-SOFA, ASD |
|  | KIMS, Hubli |
| **Number of Participants** | 3 |
| **Date** | 21.8.13 |

**A.6. Public Lecture Series:**

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**Dr. N. Swapna**

Compiled the following materials and got them released on 9th Aug 2013

1. Test for the Assessment of Metasemantic Awareness in Children in Kannada (TAMAC-K)
2. Intervention Module for Preschool Children with Communication Disorders to Facilitate Cognitive Domain (IMPCCD-CG)
3. Checklists to Assess Different Domains in Preschool Children with Communication Disorders (0-6 Years)

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract
3. Deputation
4. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors:**

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Dr. Jayashree Shanbal** |
|  | * As CBCS coordinator for M.Sc (Speech-Language Pathology), conducted Research proposal (RP) presentations on 21.08.2013, 22.08.2013 and 23.08.2013 between 1.30 pm to 5.30 pm. * Sent notes to guides and internal examiners for RP presentation * Minuted the discussions of the presentations * Arranged for allotting C1 and C2 marks by guides and internal examiners * Sent recorded suggestions/modifications to respective guides and students to be incorporated in their RPs. * As Chairperson of Cultural committee for 48th Annual day celebration of the institute carried out the following duties, * Organized cultural events for Annual day celebrations. Arranged for refreshments for all the participants, monitored the practice of the participants * Attended document verification for next higher grade post on 30.08.2013. * Preparation of USIEF proposal as part of OSI grant-prepared the strengths of the institute and sent to SCSU, USA for compilation in consultation with the Director. |
| **2.** | **Dr. N. Swapna** |
|  | * Got the original documents submitted for APS verified on 29th Aug 2013. |
| **3.** | **Ms. Gayathri Krishnan** |
|  | * Assisted HOD in organizing department meeting for discussion of preparations for NAAC visit. * Prepared materials for ISO and sent to Jayashree mam and HOD for approval * Prepared materials for condemnation * Assisted Dr. R. Manjula in preparation of materials for a seminar * Preparing the department for NAAC visit * Produced a resource materials for the swallowing disorders laboratory * Performed a dysphagia evaluation * Prepared and set up the swallowing disorders laboratory * Assisted in spot quotations * Participated in the annual day as a part of the annual day 2013 |
| **4.** | **Dr. Deepa M.S.** |
|  | * Supervised the students practicing for cultural event on the occasion of annual day celebration from 5.8.2013 to 8.8.2013 * Correcting the practical workbooks prepared by other staffs for content and organization for NAAC. * Prepared practical workbooks on Electroglottography and Ambulatory Phonatory Monitor for NAAC. |
| **5.** | **Ms. Deepthi K.J.** |
|  | * Preparation, correction and compilation of Workbooks of various equipments for NAAC inspection and necessary arrangements for their display. * Worked in making necessary corrections of Research Proposal presented ARF project titled “Modified Receptive and Expressive Language Test (M-RELT) for Children between three to seven years” held on 23rd July 2013. |

**HOD-Speech and Language Pathology**

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**MONTHLY REPORT – SEPTEMBER 2013**

**I. Academic Activities**

**A. Theory classes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Course** | **Title of the Paper** | **No of Hrs/Wk** | **Hours**  **taken** |
| Dr. Shymala K.C. | II M.Sc. (SLP) | Aphasia | 4 | 10 |
| PGDCL | Fundamentals in clinical linguistics | 5 | 6 |
| Dr. R. Manjula | II M.Sc (SLP) ‘A’ and III sem | Motor Speech Disorders | 4 | 16 |
| Dr. M. Pushpavathi | II Msc ( SLP ) | Voice and its disorders | 4 | 8 |
| II B.Sc. | Maxillofacial Anomalies and laryngectomy | 3 | 10 |
| Mr. Brajesh Priyadarshi | I B.Sc. (Section A & B) | Linguistics, Phonetics and Language Sciences | 3 | 3 |
| I M. Sc (SLP)/ I sem (Section A & B) | Clinical Linguistics and Multilingual issues in communication | 4 | 4 |
| PGDCL | Multilingual and multicultural issues in communication | 4 | 5 |
| Dr.Jayashree C Shanbal | B.Sc (Vth Semester) | Childhood language disorders | 3 | 10 |
| II M.Sc (III semester) | Childhood language disorders | 4 | 14 |
| PGDCL-SLP | Readings in Psycholinguistics & Neurolinguistics | 5 | 15 |
| Dr. Swapna.N | BSc (sp & hg.) | Motor speech disorders in children  (commenced from 12/7) | 3 | 12 |
| II MSc (SLP)- III sem | Motor speech disorders | 4 | 14 |
| II MSc (SLP)- IIIsem | Fluency and its disorders | 4 | 13 |
| Dr. M.S. Vasantha Lakshmi | II B.Sc (III Sem) B Section | Statistics & Research methods | 3 | 09 |
| I M.Sc.(SLP) A section | Research methods and statistics in Speech-Language & Hearing | 2 | 6 |
| I M.Sc.(Aud) A section | Research methods and statistics in Speech-Language & Hearing | 2 | 6 |
| I PGDCL | Research methods and statistics | 4 | 7 |
| I B.S.Ed. | Educational Management Curriculum Designing and Research – 5th unit | 1 | - |
| M.S.Ed (I Sem) | Research methods and statistics in Education - I | - | 7 |
| M.S.Ed (II Sem) | Research methods and statistics in Education - II | - | - |
| Mr. Pebbili. Gopi  Kishore | II B.Sc | Phonological Disorders | 3 | 10 |
| II M.Sc. (SLP) | Voice and its disorders | 4 | 13 |
| DHLS | Basic Medical Sciences | 1 | 0 |
| Mr. Santosha C.D. | B.Sc. Section A | Statistics and Research Methods | 3 | 08 |
| I M.Sc.SLP ( Section B) | Research methods and Statistics in Speech & Hearing | 2 | 07 |
| I M.Sc (Aud) (Section B) | Research methods and Statistics in Speech and Language and Hearing | 2 | 05 |
| M.S.Ed | Research methods and Statistics in Speech and Language and Hearing | 02 | 08 |
| PGDCL | Research methods and Statistics | - | 09 |
| Deepa M.S. | BSc (Speech and Hearing) | Childhood Language Disorders | 3 | 12 |
| Diploma in teaching young Deaf and Hard of Hearing (DTYDHH) | Acquisition of Language in Young Children (Deaf & Hard of Hearing) Birth to 3 years &3 to 6 years. | 2 | 8 |
| Diploma course in Hearing, Language and Speech (DHLS) | Introduction to Speech-Language Pathology | 2 | 9 |
| PG Diploma in Clinical Linguistics | Fundamentals of Clinical Linguistics | 3 | 11 |
| Deepthi K.J. | II B.Sc (A section) | Maxillofacial anomalies and laryngectomy | 3 | 11 |
| III B.Sc. (B section) | Motor speech disorder in children | 3 | 15 |
| DTY-DHH | Paper iii - Acquisition of language in young children (deaf & hard of hearing)  Birth to 3 years & 3 to 6 years | 2 | 10 |
| DHLS | Community Based Rehabilitation | 2 | 8 |

**B. Practical classes**

**C. Short-term training program: nil**

**D. In-house Training Program: nil**

**E. Seminar/Conference/Workshop conducted:**

|  |  |
| --- | --- |
| **Organized Department** |  |
| **Coordinator** |  |
| **Theme** |  |
| **Objectives** |  |
| **Target Audience** |  |
| **No. of Participants** |  |
| **Date** |  |

**F. Seminar/Conference/Workshop attended by the faculty/staff:**

|  |  |
| --- | --- |
|  | **Dr. Shyamala K.C.** |
|  | * Attended “National Conference on Ageing and its Effects on Hearing, Speech, Language and Communication” at Dr. S.R. Chandrasekar Institute of Speech & Hearing, Bangalore and presented the paper titled “Ageing and its effects on Speech, Language and Communication” on 21.9.13 |
|  | **Dr. Deepa M.S.** |
|  | * Served as resource person for RCI-CRE program on “Transcription and Analysis of speech and language disorders” held at Helen Keller’s Institute of Speech and Hearing, Secunderabad, Andhra Pradesh on 13.09.2013. * Participated in seminar on “Rising to the dementia challenge: caring for minds that cannot remember” on 26.09.2013 held at AIISH on an occasion of World Alzheimer’s Day celebration. |

**G. Academic Programs and Meeting Attended by Faculty and Staff (other than seminars and conference):**

|  |  |
| --- | --- |
| **1** | **Dr. Shyamala K.C.** |
|  | * Attended placement selection meeting on 10/9/13 at 3 p.m. * Attended HODs meeting on NAAC on 13.9.13 * Attended NAAC committee meetings from 23-25th September 2013 * Attended faculty meeting as well as exit meeting besides taking NAAC committee members on tour of the departmental activities * Briefed NAAC committee members on department activities on 23.9.13 * Attended Anitha Baldevraj’s send off meeting on 30.9.13 |
| **2.** | **Dr. M. Pushpavathi** |
|  | * Visited MYRA (school of Business) on 3rd with director to see the infrastructure. * Attended a meeting related to the purchase of furniture to academics on 4.9.13 * Arranged meeting related to PDF on 2.8.13 * Attended BOS meeting in Mangalore on 16.8.13 * Nominated as Vice President of AIISH Gymkhana. * Visited Bangalore on 22.8.13 to receive NAAC peer team Member DR. Ramesh Oza. * Arranged Academic section for NAAC visit * Arranged Gymkhana for NAAC Visit * Briefed the NAAC members on AIISH Academic related issue on 23.9.13 * Arranged student interaction, parents interaction with NAAC team members on 23.8.13 * Arranged technical, faculty and administrative staff interaction with NAAC team members on 24.9.13 |
| **3.** | **Mr. Brajesh Priyadarshi** |
|  | * Attended a meeting held on 25th September, 2013 in connection with the DHLS Coordinator’s meet, 2013. * Nominated and served as Member Secretary, Transportation Committee formed in connection with the DHLS Coordinator’s meet. |
| **4.** | **Dr. N. Swapna** |
|  | * Attended a meeting on museum on 30th Sept 2013 in which a presentation was made on the Speech disorders, prevention and rehabilitation in the board room between 2.15PM to 5.15PM. * Attended a meeting with the other members of the museum on 6.9.13, 16.9.13 and 28.9.13 to discus and finalize the outline of the contents to be included in the museum. Also attended a meeting with the IMSc students to orient them about the upcoming museum on 10.9.13 and to pool ideas for the same. |
| **5.** | **Dr. Deepa M.S.** |
|  | * Attended meeting on outlining the materials for AIISH Golden Jubilee Commemorative Museum on 4.09.2013. * Attended meeting to discuss about cultural event to be organized during NAAC visit on 16.09.2013. |
| **6.** | **Ms. Deepthi K.J.** |
|  | * Attended meeting conducted for upcoming NAAC inspection with the director regarding catering. |

**H. Visits Abroad: Nil**

**I. Details of Guest Faculty visited the Institute and Lecture delivered: Nil**

**J. Guest Lectures delivered by the Faculty and Staff outside the Institute:**

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| --- | --- |
| **Name of the Faculty & Department** |  |
| **Organization and Event of Presentation** |  |
| **Topic** |  |
| **Date** |  |

**K. Additional Academic/Administrative Responsibilities of the Faculty and Staff**

|  |  |
| --- | --- |
| **1.** | **Dr. K.C. Shyamala:** |
|  | * Serving as HOD-SLP * Serving as coordinator & chairperson of ASD Unit * Serving as CVO of AIISH. * Serving as coordinator, PGDCL-SLP * Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing (published at San Diego, USA) and International Journal of therapies and rehabilitation (online journal). * Served on the Editorial Board of JAIISH, Mysore * Served as member, Building Committee * Served on Editorial Board of AIAN (Annals of Neurology), New Delhi * Served as Member BOS (Sp. & Hg.), Mysore * Serving as member BOS Osmania University of A.P., Calicut University, Kerala University, Banaras Hindu University, Allahabad, UP * Member, BOS & BOE of Bangalore & Kerala University * Serving as member, Quarters allotment committee. * Serving as Member, Internal Research Committee for review of ARF Research projects * BOE Work of Mysore University done. * Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi * PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS * Serving as EC member, AIISH Alumni * Guide and supervisor for 3 dissertations of II M.Sc. students * Served as selection panelist for M.Sc. placement of Audiology and SLP students |
| **2.** | **Dr. R. Manjula** |
|  | * Serving as HOD, CREDM * Serving as Co-ordinator, AAC Unit. * Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association. * Serving as one of the member on the Editorial Board, Journal of All India Institute of Speech and Hearing, Mysore. * Serving as coordinator for DHLS program of AIISH at New Delhi. * Serving as Member, BOE and BOS at ISH, Bangalore. * Serving as Member, BOS and BOE, Mysore University * Serving as Member, Internal Research Committee for review of ARF Research projects. * Serving as Member, anti ragging committee. * Serving as President of ISAAC- India Chapter * Serving as Chairperson, JISHA, from February 2013. * Coordinated activities related to the visit of NAAC Peer Team on 23-25 September 2013 * Served as member in the committee for placement of outgoing students of M.Sc on 10.9.2013 |
| **3.** | **Dr. M. Pushpavathi** |
|  | * Serving as academic coordinator * Member , Building committee * Member, OLIC * Chair person , Unit for structural orofacial Anomalies from June 2010 * Coordinator, DHLS Mumbai center * Member, BOS, University of Mangalore * Chairperson. Anti ragging squad * Member, anti ragging committee * Member, NSS Committee * Chairperson, Student Grievance Cell * Member Bs Ed ( HI ) and Ms Ed ( HI ) selection Committee * Organizer , AIISH annual day 2013 * Member NSS * Vice President AIISH Gymkhana |
| **4.** | **Mr. Brajesh Priyadarshi** |
|  | * Served as the Coordinator, DHLS program, Bhagalpur study centre. * Served as Joint Secretary, AIISH Gymkhana * Provided inputs/suggestions to the JRF and M.Sc. students in their research works. |
| **5.** | **Dr. Jayashree Shanbal** |
|  | * Nominated as co-mentor for III B.Sc ‘A’ section * Deputed to assist in carrying out duties in the Dept. of POCD * Serving as member secretary of LD Clinic (special unit). * Serving as a member secretary of ASD Unit (special unit) * Provided inputs/suggestions to the JRF and M.Sc. students in their research works |
| **6.** | **Dr. Swapna N** |
|  | * Serving as coordinator for DHLS program of AIISH at Puducherry. * Serving as a member of LTU (special unit). * Serving as a member to monitor new born infant screening at Ajmer DHLS center. * Serving as chairperson for the Special clinic for Motor speech Disorders. * Nominated for compiling and publishing the dissertation articles of the post graduate MSc (SLP) for the year 2011-12. * Served as a member of Board of examiners (BOE) of MSEd (HI) and BSEd (HI) constituted for PG/UG examinations to be held during 2012 * Member of BOS for courses run by Com DEALL Trust, under KSOU, Mysore * Serving as a member of the technology development board and IPR cell with Mr. Ajish as the chairperson. * Serving as a mentor for the I BSc (Sp& hg.) A section. Submitted the monthly attendance * Serving as a member of the museum committee. |
| **7.** | **Dr. M. S. Vasantha Lakshmi** |
|  | * Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data. * Discussion with students regarding statistical results of JC article. * Member, Anti Ragging Squad * Served as Class Mentor, II B.Sc. - B section * Served as Member, Anti Ragging Squad |
| **8.** | **Mr. Gopi Kishore** |
|  | * Served as a member of cultural committee during NAAC team visit. * Serving as a member in the committee to verify for similarity in the papers submitted for JAIISH. * Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate. * Serving as a member secretary of Voice Clinic. * Attended team assessment sessions at Voice Clinic. * Nominated as a coordinator of NPPCD for Kolar district, Karnataka. |
| **9.** | **Ms. Gayathri Krishnan, Clinical Assistant** |
|  | * Assisting Dr. K. Yeshoda in the working of Internship and Placement Cell |
| **10.** | **Mr. Santosha C.D** |
|  | * Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data. * Serving as the co-mentor of II B. Sc. (Section B). |
| **11.** | **Ms. Deepthi K.J.** |
|  | * Serving as additional member of Unit for structural Orofacial Anomalies from February 2013 and participated in the team assessment sessions for individuals with cleft lip and palate. * Assisting as an additional member of Unit for Motor Speech Disorders *out of own interest* since January 2013 and participated in the team assessment sessions for individuals with Motor Speech Disorder. |

**II. Research Activities**

1. **Research Projects:**

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| --- | --- |
| **A.1.** | **Projects with Extramural funding** |
| **A.1.1** | **Dr. K.C. Shyamala:** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Reading-related Eye movements in semi-syllabic and alphabetic orthographies** | |  | **Objectives** | To explore the eye movements related to the structural differences in the different languages and their orthographies by the different speakers | |  | **Principal and co- Investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi. | |  | **Fund** | `.46,17,200 for 3 years from 2011 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data collection going on. | |
|  | |  |  |  | | --- | --- | --- | | **2.** | **Title** | **The central alexias and agraphias in semi-syllabic orthography (co-PI).** | |  | **Objectives** | To identify and compare patterns of dyslexia across different orthographies. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C. | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.27,00,000 | |  | **Status** | Fund has been received in the month of August2011 for 3 years | |  | **Summary of work done in 2012-13** | Review of literature has begun. Selection of candidate done. Equipment has to be procured yet. | |
|  | |  |  |  | | --- | --- | --- | | **3.** | **Title** | **Language and Brain organization in Normative Multilingualism** | |  | **Objectives** | The aim of the project is to investigate code switching between languages among bilinguals and multilinguals. Language proficiency and Code switching were correlated and examined separately in bilinguals and in multilinguals | |  | **Principal Investigator & Co-Investigator** | Dr. Shyamala. K.C | |  | **Funding Agency** | Department of Science and Technology (DST), New Delhi | |  | **Fund** | `.12, 27,000 for 3 years (extendable by a year) from 2009 | |  | **Status** | Submitted report on 28.3.2013 & UC on 28.7.13 | |  | **Summary of work done in 2012-13** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years and 40-69 years old bilinguals and multilinguals. Data collection and analysis is completed . Analysis for both groups completed. Writing report of the project completed. | |
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|  | |  |  |  |  | | --- | --- | --- | --- | | **4.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |  | |  | **Objectives** | To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics |  | |  | **Principal Investigator & Co-Investigator** | Principal Investigator: Dr. R. Manjula  Co Investigator: Dr. P. Manjula |  | |  | **Funding Agency** | Department of Science and Technology (DST) |  | |  | **Fund** | Financial sanction awaited |  | |  | **Status** | Financial sanction awaited |  | |  | **Summary of work done in 2012-13** | - |  | |
| **A.2.** | **Projects with ARF Funding:** |
| **A.2.1** | **Dr. K.C. Shyamala** |
|  | |  |  |  | | --- | --- | --- | | **1.** | **Title** | **Development and standardization of screening checklist for ASD in Indian population** | |  | **Objectives** | To develop and standardize a screening checklist for ASD | |  | **Principal Investigator & Co-investigator(s)** | Dr. Shyamala.K.C (PI) & Smt.Suchithra M. G. (Co-PI) | |  | **Fund** | Rs. 5,90000/- | |  | **Status** | Initiated | |  | **Summary of the work done 2013-14** | - | |
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|  | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **2.** | **Title** | **Modified Receptive Expressive Language test for children between the age range of 3-7 years** |  |  |  | |  | **Objectives** | To modify and standardize Receptive Expressive Language Test for children between the age ranges of 3 to 7 years. |  |  |  | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C., & Ms. Deepthi K. J. |  |  |  | |  | **Funding Agency** | AIISH Research Fund |  |  |  | |  | **Fund** | 4,00,000 |  |  |  | |  | **Status** | Received approval letter |  |  |  | |  | **Summary of work done in 2013-14** | Nil |  |  |  | |
|  |  |
|  | |  |  |  |  | | --- | --- | --- | --- | | **3.** | **Title** | **Profiling cognitive-communication impairments in the elderly** |  | |  | **Objectives** | To investigate cognitive communication impairment in the elderly using paper-pencil test and computerized assessment battery. |  | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C, Dr. Peter J. Snyder., & Dr. Paul Maruff. |  | |  | **Funding Agency** | AIISH Research Fund |  | |  | **Fund** | 6,40,000 |  | |  | **Status** | Received approval letter |  | |  | **Summary of work done in 2013-14** | Nil |  | |  |  |  |  | | **4.** | **Title** | **Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi** |  | |  | **Objectives** | Adaptation and standardisation of a comprehensive tool Language Assessment Remediation and Screening Procedure (LARSP) developed by Crystal, Fletcher and Garman, (1976, 1981 revised) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure to assess the sequential acquisition of syntactic skills in Hindi speaking children in the age range of 0; 9 to 4; 6+ years. |  | |  | **Principal Investigator & Co-investigator(s)** | Mr. Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) |  | |  | **Fund** | `.3,04,000/- |  | |  | **Status** | Ongoing |  | |  | **Summary of the work done 2012-13** | Data collection is in progress. |  | |
|  | |  |  |  | | --- | --- | --- | | **5.** | **Title** | **Development and standardization of Noun Verb picture Battery in Kannada and Malayalam** | |  | **Objectives** | The objective of the project is to provide a resource for the clinical practice in speech language pathology and also for the research in aphasiology, neuro and psycholinguistic disciplines. | |  | **Principal Investigator & Co-investigator(s)** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B. Dr. Shyamala. K.C. | |  | **Fund** | `.5,92,000 | |  | **Status** | Report submitted on 10.9.12 | |  | **Summary of the work done 2012-13** | Data collection, analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **6.** | **Title** | **Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals.** | |  | **Objectives** | To standardize WAB in Telugu language | |  | **Principal Investigator** | Dr.Shyamala.K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 16.10.12 | |  | **Summary of the work done 2012-13** | Data collection is completed. Analysis on Telugu monolinguals and bilinguals (Telugu, English) was completed. BAT (Bilingual Aphasia Test, Paradis and Libben 1987) was also administered for comparison purposes. | |
|  | |  |  |  | | --- | --- | --- | | **7.** | **Title** | **Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment** | |  | **Objectives** | To develop test batteries for K-E and M-E bilingual children with specific language impairment. | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Ms. Shivani Tiwari, & Mr. Gopee Krishnan | |  | **Fund** | `.5,82,000.00 | |  | **Status** | Project completed & submitted on 29.4.13 | |  | **Summary of the work done 2012-13** | Data analysis and report readied. | |
|  | |  |  |  | | --- | --- | --- | | **8.** | **Title** | **Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation** | |  | **Objectives** | * To evaluate the responses of K-E and M-E bilingual individuals with Aphasia on the ‘Word recognition’ section of K-E and M-E version of the Bilingual Aphasia Test * To evaluate the reponses of K-E bilingual individuals with Aphasia on the ‘Word translation’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To evaluate responses of K-E and M-E bilingual individuals with Aphasia on the ‘Translation of sentences’ section of the E-K version of the Bilingual Aphasia Test * To evaluate the responses of K-E bilingual individuals with Aphasia on the ‘Grammaticality Judgement’ section of the English-Kannada version of the ‘Bilingual Aphasia Test’ * To compare the performance of K-E and M-E bilingual individuals with Aphasia with neurotypical K-E and M-E bilingual individuals on Part C of the E-K version of the Bilingual aphasia Test | |  | **Principal Investigator & Co- Investigators** | Dr. Shyamala. K.C., Mr. Gopee Krishnan, & Ms. Shivani Tiwari | |  | **Fund** | `.5,82,000 | |  | **Status** | Final report submitted on 02.11.12 | |  | **Summary of the work done 2012-13** | Analysis and Report writing. | |
|  | |  |  |  | | --- | --- | --- | | **9.** | **Title** | **Development of norms for assessment protocol for lexical semantic deficits using Componential Analysis** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Mr. Brajesh Priyadarshi, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,06,000 | |  | **Status** | Final report submitted on 18.10.12 | |  | **Summary of the work done 2012-13** | Analysis & report writing. | |
|  | |  |  |  | | --- | --- | --- | | **10.** | **Title** | **Cross-language treatment generalization in Indian bilingual people with aphasia** | |  | **Objectives** | To investigate the effect of semantic naming treatment in cross linguistic generalization of Kannada-English bilinguals | |  | **Principal Investigator & Co- Investigators** | Dr. Gopee Krishnan, Dr.Swathi Kiran, Ms. Shivani Tiwari, & Dr. Shyamala. K.C. | |  | **Fund** | `.3,60,000 | |  | **Status** | Ongoing. | |  | **Summary of the work done 2012-13** | Data collection in progress along with analysis | |
|  | |  |  |  | | --- | --- | --- | | **11.** | **Title** | **Genotyping and a Genetic association study in Autism** | |  | **Objectives** | The aim of the project is to investigate the genotyping and genetic association in children with autism as the number and role of genes playing in Autism are still not clear | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,72,000.00 | |  | **Status** | Submitted on 19.3.13. | |  | **Summary of the work done 2012-13** | Completed and report readied for submission. | |
|  | |  |  |  | | --- | --- | --- | | **12.** | **Title** | **Language performance of Kannada – English (K-E) bilingual individuals with Dementia** | |  | **Objectives** | The primary purpose of the current project is to develop & establish preliminary normative data for Dementia Assessment Battery in Kannada & English and to compare the Language performance on Kannada-English bilingual speakers with dementia | |  | **Principal Investigator** | Dr. Shyamala. K.C | |  | **Fund** | `.5,92,000 | |  | **Status** | Final report Submitted on 27.09.12 | |  | **Summary of the work done 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **13.** | **Title** | **Reading Acquisition in children learning two distinct orthographies Malayalam and English** | |  | **Objectives** | The present study aims at investigating reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously | |  | **Principal Investigator &Co- Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.and Dr. Shyamala. K.C | |  | **Fund** | `.3,16,000.00 | |  | **Status** | Report Submitted on 29.5.12 | |  | **Summary of the work done 2012-13** | Report is submitted. | |
| **A.2.2** | **Dr. R. Manjula** |
|  | |  |  |  | | --- | --- | --- | | **14.** | **Title** | **Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. N. Swapna | |  | **Amount** | `. 2, 57,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Data collection and statistical analysis is in progress for report to be completed | |
|  | |  |  |  | | --- | --- | --- | | **15.** | **Title** | **Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability – Phase I** | |  | **Objectives** | To analyze and compare the muscle potentials of synergistic and antagonistic primary masticatory muscles in three groups of participants (children, adults and geriatric) and two tasks (non speech and speech) using EMG module of the Digital Swallow workstation | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula, Mr. Siddesh, N.S., Mr. Harish Pai, K., & Mr. Jayakaran G.T. | |  | **Amount** | `. 2,28,350 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Preparation of prototype aids is completed and report writing is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **16.** | **Title** | **A study of motor control in persons with mild and severe stuttering under conditions of motor stress** | |  | **Objectives** | To analyze and compare the articulatory patterns for bilabial utterances of persons with stuttering and control normal subjects using Articulograph AG 500 | |  | **Principal Investigator & Co-Investigator** | Dr. R. Manjula & Dr. H. Venkatagiri | |  | **Amount** | `. 6,02,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **17.** | **Title** | **Development of a “Key word signing” manual in English for Indian context** | |  | **Objectives** | To develop a “Key word signing” manual standardized for the Indian population | |  | **Principal investigator & Co-Investigator** | Dr. H. Venkatagiri & Dr. R. Manjula | |  | **Amount** | `. 3,70,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Report writing in progress | |
|  | |  |  |  | | --- | --- | --- | | **18.** | **Title** | **Process evaluation and comparison of the modules of Outreach Service centre’s as a factor of type of volunteers engaged in the activity** | |  | **Objectives** | To compare the feasibility and viability of training women homemakers ( volunteers) and ASHA workers in prevention and identification of communication disorders in the geographical location of three outreach service centres | |  | **Principal Investigator & Co-Investigator** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan | |  | **Amount** | `. 6,62,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Data analysis is in progress. | |
|  | |  |  |  | | --- | --- | --- | | **19.** | **Title** | An articulatory study of Kannada consonants: Co articulation and speech errors | |  | **Objectives** | Articulatory kinematic analysis of retroflex sounds in Kannada language | |  | **Principal Investigator & Co-Investigator** | Dr. N. Sridevi (PI), Dr. Alexi Kochetov(PI) & Dr. R. Manjula (Co PI) | |  | **Amount** | `.3,15,000 lakhs | |  | **Status** | Ongoing | |  | **Summary of work done in 2011-12** | Report submitted | |
| **A.2.3** | **Dr. M. Pushpavathi:** |
|  | |  |  |  | | --- | --- | --- | | **20.** | **Title** | **Effect of Palatal Obturator on Speech** | |  | **Objectives** | The project is aimed to analyse the speech characteristics with respect to acoustical and perceptual aspects before and after providing different types of speech appliances to clients with repaired/unrepaired maxillofacial anamolies | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – from December 2010 | |  | **Summary of work done in 2012-13** | The documentation of three different cases (an adult with unrepaired cleft, an adult sub mucous cleft and a child with repaired cleft) with respect to audio visual recording of prosthesis preparation and speech analysis is completed. | |
|  | |  |  |  | | --- | --- | --- | | **21.** | **Title** | **Audio Visual resource manual on Voice Disorders** | |  | **Objectives** | This project aims to compile the audio visual data bank of different cases with voice disorders and provide clinical insight on the assessment and management of cases with voice disorders | |  | **Principal Investigator & Co-Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from December 2010 – Research Officer has resigned | |  | **Summary of work done in 2012-13** | The assessment tools with respect to case history and other details have been compiled. Video script for instrumentation and case history is prepared. Three different cases of voice disorders are completely recorded from the assessment to the rehabilitation. | |
|  | |  |  |  | | --- | --- | --- | | **22.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing from Feb. 2011 | |  | **Summary of work done in 2012-13** | Public education material on rehabilitation of cleft lip and palate in Kannada is prepared. The assessment checklist for toddlers with cleft palate is compiled. | |
|  | |  |  |  | | --- | --- | --- | | **23.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Malayalam** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing – Research Officer has resigned | |  | **Summary of work done in 2012-13** | Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **24.** | **Title** | **Speech Characteristics in children with oral cleft – Pre and post surgery a Longitudinal study in Telugu** | |  | **Objectives** | The project is aimed to analyse the speech characteristics (articulatory, resonatory and speech intelligibility) in different cases with cleft palate before and after surgery | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindra | |  | **Amount** | `. 4,98,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Memorandum of understanding between the Hospitals has been signed. Material for nasometer assessment has been compiled and review of articles have been done | |
|  | |  |  |  | | --- | --- | --- | | **25.** | **Title** | **Early intervention module for parents of children with cleft lip and palate in Kannada & English (Phase I)** | |  | **Objectives** | This project is focused on developing early intervention module for children (below 3 years) with cleft palate and to provide training for parents to work on improving speech intelligibility, articulation. | |  | **Principal Investigator & Co-Investigator** | Dr. M. Pushpavathi; Dr. Sathish V.H, Mr. Gopi Kishore, & Mr. Gopisankar | |  | **Amount** | `. 6,07,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The video recording on improving auditory discrimination, articulation and improving resonance and speech intelligibility in children with CLP has been done and the same is in use to provide training for the parents. | |
| **A.2.4** | **Mr. Brajesh Priyadarshi** |
|  | |  |  |  | | --- | --- | --- | | **26.** | **Title** | **Development of Assessment Protocol for Lexical Semantic Deficits using Componential Analysis.** | |  | **Objectives** | To develop material for assessment & remediation of word retrieval difficulty/lexical incompetency for language disordered population. | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (PI) & Dr. Shyamala K.C. (Co-PI) | |  | **Amount** | `. 3,06,000 | |  | **Status** | Report submitted on 18.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
|  | |  |  |  | | --- | --- | --- | | **27.** | **Title** | **An Adaptation of Early Reading Skill (ERS) in Hindi** | |  | **Objectives** | The aim of the project is to adapt Early Reading Skill (ERS) test proposed by Rae and Potter (1973; 1981) in Hindi language. Further, it is also aimed that this adapted tool serves as a measure and to assess the sequential acquisition of Hindi reading skills in children in the grade range of I to VIIIth standard. This test will assist better in making the teacher’s curriculum choices more comprehensive and meaningful. The test will also help in the assessment of reading deficits in children with learning disability | |  | **Principal Investigator & Co-Investigator** | Brajesh Priyadarshi (Principal Investigator) | |  | **Amount** | `.3,11,000.00 | |  | **Status** | Report submitted on 8.10.12 | |  | **Summary of work done in 2012-13** | Analysis and report writing. | |
| **A.2.5** | **Dr. Jayashree Shanbal** |
|  | |  |  |  | | --- | --- | --- | | **28.** | **Title** | **Subtyping of Dyslexia: Application of an ERP measure** | |  | **Objectives** | To compare the behavioural correlates with ERP correlates of implicit phonological processing during the recognition of spoken words in children with dyslexia and typically developing children and thus an attempt to subtype dyslexia | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree.C. Shanbal  Ms. Mamatha. N.M.  R. Gopi Sankar | |  | **Amount** | `. 5,77,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Submitted the final report. | |
|  | |  |  |  | | --- | --- | --- | | **29.** | **Title** | **Re-establishing norms for ERS** | |  | **Objectives** | To establish normatives for Early Reading skills in typically developing children from grade I to grade X | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree C. Shanbal | |  | **Amount** | `. 3,01,000 | |  | **Status** | Ongoing. | |  | **Summary of work done in 2012-13** | Submitted the final report | |
|  | |  |  |  | | --- | --- | --- | |  | | | | **30.** | **Title** | **Assessment Tool for Early Literacy skills in Malayalam (ATEL-M) speaking children- Phase I** | |  | **Objectives** | To describe the early literacy skills in young children, native of Kerala.  To develop an assessment tool to identify children who are at risk of LD. | |  | **Principal Investigator & Co-Investigator** | Dr. Jayashree Shanbal(PI) & Ms. Sharon Susan Sam (Co-PI) | |  | **Amount** | Rs.4,80,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2013-14** | Initiated | |
| **A.2.6** | **Dr. N. Swapna**   |  |  |  | | --- | --- | --- | | **31.** | **Title** | **Cortical auditory evoked Potentials as a measure of central auditory development in children with Hearing impairment** | |  | **Objectives** | * **To record P1 CAEP in normal hearing children and children with hearing impairment.** * **To find the relation between auditory development and language development using P1 maturation in normal and children with hearing impairment.** * To investigate the effect of age of intervention on P1 maturation in children with hearing impairment. * To compare the difference in P1 maturation in normal children, children using hearing aids and Cochlear implants. | |  | **Principal Investigator & Co-Investigator** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) | |  | **Funding Agency** | Department of Science and Technology (DST) | |  | **Fund** | `.28,00,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | The research officer selected reported for duty on Dec 1st 2011. Demographic data sheets and score sheets have been finalized. Subjects have been identified and data collection has been initiated. Collected data from 80 subjects | |
|  | |  |  |  | | --- | --- | --- | | **32.** | **Title** | **Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders)** | |  | **Objectives** | * To develop a digital tutorial on the activities to enhance pre-reading skill as detailed in the intervention module for preschool children with communication disorders. * To evaluate the efficacy of the digital tutorial in training the special educators, speech-language pathologists and parents/caregivers in imparting the pre-reading skill in children with special needs in the age group of 3-6 years. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N, Dr.K.S. Prema & Dr. Y.V Geetha | |  | **Amount** | `. 5,41,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Second draft of the report has been corrected. Report preparation ongoing. Video editing ongoing | |
|  | |  |  |  | | --- | --- | --- | |  | | | | **33.** | **Title** | **Intervention module for the management of speech and language skills for individuals with cerebral palsy** | |  | **Objectives** | The primary aim of this project is to develop an intervention module and an activity kit specifically for children with cerebral palsy in English by modifying and adapting the already existing intervention module on speech and language skills.  In addition, it is planned to carry out the sensitivity assessment of the module on children with cerebral palsy. | |  | **Principal Investigator & Co-Investigator** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha | |  | **Amount** | `.5,72,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Two project staff (research officer with MSc (Sp & hg) have been appointed from 24th Aug. 2011. Intervention module work for speech and language skills initiated and brought to some form. Helping in documentation and follow up of cases seen in MSD special clinic. Data collection completed. Project extended for another 6 months. Statistical analysis completed. Report writing in progress. Project term completed on 22.2.13. | |
|  |  |
|  | **Dr. M.S. Vasantha Lakshmi**   |  |  |  | | --- | --- | --- | | **34.** | **Title** | **Study of co-articulation using F2 Locus Equation as a Metric** | |  | **Objectives** | - | |  | **Principal Investigator & Co-Investigator** | **Dr.N.Sreedevi (PI) & Dr. Vasantha Lakshmi. M.S. (Co-PI)** | |  | **Amount** | **Rs. 4,00,000/-** | |  | **Status** |  | |  | **Summary of work done in 2013-14** |  | |
| **A.2.7** | **Mr. Gopi Kishore** |
|  | |  |  |  | | --- | --- | --- | | **35.** | **Title** | **Screening Test for Acquisition of Syntax in Telugu (STAS-T): An Adaption of STASK** | |  | **Objectives** | To develop a valid and standardized test for the assessment of syntax in Telugu language | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore, Dr. S.P. Goswami & Dr. Vijaya Lakshmi Basavaraj (late) | |  | **Amount** | `.3,01,000/- | |  | **Status** | Completed | |  | **Summary of work done in 2012-13** | Project report Submitted. | |
|  | |  |  |  | | --- | --- | --- | | **36.** | **Title** | **Laryngeal aerodynamic analysis of vocal hyperfunction.** | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate and laryngeal resistance in normal population and in individuals with hyperfunctional voice disorders in the age range of 20 – 50 years. * To evaluate the sensitivity of each of the parameters of laryngeal aerodynamic analysis parameters in identifying the laryngeal hyperfunction. * To derive a multivariate linear regression equation for evaluating the sensitivity of the above parameters in classifying the vocal hyperfunction based on its severity. | |  | **Principal Investigator & Co-Investigator** | Mr. P. Gopi Kishore & Dr. M.Pushpavathi | |  | **Amount** | `.3,16,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Obtained normative data from 80 participants with normal voice and 21 participants with vocal hyperfunction * A research paper was sent for publication to JAIISH * Data collection and analysis completed. * Final draft is being prepared. | |
|  | |  |  |  | | --- | --- | --- | | **37.** | **Title** | Voice characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate characteristics in individuals with velopharyngeal inadequacy with repaired cleft palate | |  | **Objectives** | * To study the parameters sub-glottic pressure, phonation threshold pressure, mean air-flow rate, laryngeal resistance, DSI, and VHI in normal population and in individuals with velopharyngeal inadequacy with repaired cleft palate. | |  | **Principal Investigator & Co-Investigator** | Mr. Gopi Kishore Pebbili, Ms. Deepa Anand | |  | **Amount** | `.3,09,000/- | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | * Reviewing related literature * Formulated method * Data collection is completed * Drafted Review of literature and Method. | |
| **A.2.8** | **Ms. Gayathri Krishnan** |
|  | |  |  |  | | --- | --- | --- | | **38.** | **Title** | **A Comparison of Cognitive Linguistic Impairments In Bi/Multilingual Persons with Aphasia, Traumatic Brain Injury an Right Hemisphere Damage** | |  | **Objectives** | * To profile the language and cognitive abilities of persons with aphasia, Traumatic Brain Injury and Right Hemisphere Damage * To explore any possible interlink between language and cognitive functions in these individuals with brain injury | |  | **Principal Investigator & Co-Investigator** | Ms. Gayathri Krishnan & Prof. K.C. Shyamala | |  | **Amount** | `. 3,11,000 | |  | **Status** | Ongoing | |  | **Summary of work done in 2012-13** | Review of literature- in progress  Data collection: in progress  Analysis; In progress | | **Dr. Deepa M.S.** | | | | **39.** | **Title** | **Modified Receptive Expressive Language test for children between the age range of 3-7 years** | |  | **Objectives** | To modify and standardize Receptive Expressive Language Test for children between the age ranges of 3 to 7 years. | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C., & Ms. Deepthi K. J. | |  | **Funding Agency** | AIISH Research Fund | |  | **Fund** | 4,00,000 | |  | **Status** | Received approval letter | |  | **Summary of work done in 2013-14** | Nil | |  |  |  | | **40.** | **Title** | **Profiling cognitive-communication impairments in the elderly** | |  | **Objectives** | To investigate cognitive communication impairment in the elderly using paper-pencil test and computerized assessment battery. | |  | **Principal and co- Investigator(s)** | Dr. Deepa M. S., Dr. Shyamala K.C, Dr. Peter J. Snyder., & Dr. Paul Maruff. | |  | **Funding Agency** | AIISH Research Fund | |  | **Fund** | 6,40,000 | |  | **Status** | Received approval letter | |  | **Summary of work done in 2013-14** | Nil | |

**B. Research paper presented:**

**B.1. Research papers presented at National/International Conference / Seminar / Scientific Forums:**

**Dr. Shyamala K.C.**

* Shyamala K.C. (2013). Ageing and its effects on Speech, Language and Communication**.** National Conference on Ageing and its Effects on Hearing, Speech, Language and Communication, at Dr. Chandrashekar Institute of Speech & Hearing, Hennur Road, Lingarajapuram, Bangalore from 19th -21st September 2013.

**B.2. Research Papers Published**

**B.2.1. Papers published in National/International Journals:**

**B.2.2.Papers published in proceedings of National/International Conference/Seminar:**

**C. Books Published: Nil**

**D. Books/Conference Proceedings Edited: Nil**

**E. Peer-review for Journals:**

**F.** **Doctoral program**

1. Degree Awarded :1
2. Thesis Submitted:2

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse analysis in Bilingual TBI | Prof. K.C. Shyamala | Submitted |
| Mr. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Submitted |

1. Under Progress

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms.Namrata Pai | Social-Communication Skills in Typically Developing School Age Children and Children with Language Impairments | Prof. K.C. Shyamala | Registration awaited |
| Ms.Sunitha Sendilnathan | Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders | Prof. K.C. Shyamala | Registration awaited |
| Ms. Maria Grace Teresa | mergence of expressive grammatical morphology in Malayalam speaking children with and without ASD | Prof. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | Event Related Brain Potential study of language processing in Kannada-English Bilingual aphasics | Prof. K.C. Shyamala | Ongoing |
| Mrs. Mili Mary Mathew | Development of gesture and speech in typically developing infants | Prof. R. Manjula | Ongoing |
| Mrs. M.B.Priya | Test Battery for Assessment of Phonological representations in Kannada Speaking Children | Prof. R. Manjula | Ongoing |
| Mr. Mahesh B.V.M | Influence of L2 Language proficiency on speech motor control in Kannada-English Bilinguals with Stuttering | Prof. R. Manjula | Ongoing |
| Ms. Yashomathi | Comparison of syntax of Indian sign language across two dialects | Prof. R. Manjula | Ongoing |
| Ms. Shyalaja, K | Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children. | Prof. R. Manjula | Ongoing |
| Ms. Yashaswini, R | Comparison of Presymbolic communication behaviours in  Typically developing children and children with mental retardation (1 to 2 years) | Prof. R. Manjula | Ongoing |
| Mr. Gopi Sankar | Some acoustical and perceptual parameters of cleft palate speech : Pre - post surgery | Dr. M.Pushpavathi | Ongoing |
| Mr. Gopi Kishore. P | Efficacy of Eclectic Voice Program in the treatment of Hyperfunctional Voice Disorders | Prof . M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Prof. M.Pushpavathi | Ongoing |
| Mrs. Navya. A | Construction of nasality severity index | Prof . M.Pushpavathi | Ongoing |
| Ms. Sahana.M | Yet to be decided | Prof . M.Pushpavathi | Ongoing |
| Mr. Sampath Kumar | Semantic Judgement in Monolingual and Bilingual persongs with Brocas aphasia: An ERP study | Dr. S. P. Goswami | Ongoing |

**G. Dissertations completed (2012-13):**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Development of early literacy skills in bilingual children with specific language impairment | Sethulakshmi P.B | Dr. K. C. Shyamala |
| Development of a screening tool for bilingual adults with dyslexia | Shilpa N.P. | Dr. K. C. Shyamala |
| Theory of mind abilities in children with learning disability: An exploration | Thulasi Prasad | Dr. K. C. Shyamala |
| Protocol for Appraisal of Verbal Praxis in Typically Developing Children (4.0-6.0 years) | Gaganashree, R | Dr. R. Manjula |
| A comparative study of intonation in Yes-No questions across tow Kannada dialects | Mahendra Kumar, N | Dr. R. Manjula |
| Tongue pressure measure in children with spastic cerebral palsy (4-5) during swallowing | Rithu, M | Dr. R.Manjula |
| Speech Rhythm in Reading in Persons with Parkinson Disease | Amulya | Dr. Swapna.N |
| Code-switching and code-mixing in Hindi-English Bilingual children | Ms. Hellows Diddee | Dr. Jayashree Shanbal |
| Cross-linguistic Priming in bilingual nonfluent aphasia | Ms. Mandira | Dr. Jayashree Shanbal |
| Cognitive Linguistic Functions in Persons with Parkinson Disease | Sushma M | Dr. Swapna.N |
| Nonword Repetition in Sequential and Simultaneous Bilinguals in their first and second language | Jyothsna | Dr. Swapna.N |
| Aerodynamic analysis in children in the age range of 8-12 years | Avinash Karike | Mr. Gopi Kishore Pebbili |

**Dissertations Ongoing (2013-14)**

|  |  |  |
| --- | --- | --- |
| **Title** | **Candidate** | **Guide** |
| Mother-child interactions in ASD | Ms. Neethu Yashodharan | Dr. K. C. Shyamala |
| Code mixing & code switching in Telugu bi/multilinguals | Ms. Rajini | Dr. K. C. Shyamala |
| Early developmental indicators in ASD | Ms. Sandhya Koteshwara | Dr. K. C. Shyamala |
| Oral definitions in children with Learning disability | Ms. Juhi Kidwai | Dr. Jayashree Shanbal |
| Linguistic pattern analysis of writing in children with Learning disability | Ms. Saryu Sharma | Dr. Jayashree Shanbal |
| Lexical ambiguity in children with Learning disability | Ms. Sharon Mathew | Dr. Jayashree Shanbal |
| Discourse Analysis in Individuals with Parkinson’s Disease | Ms. Nandita .S. Upadhyaya | Dr. Swapna.N |
| Development and Validation of Feeding Handicap Index | Ms. Srushti Shabnam | Dr. Swapna.N |

**III.** **STATISTICS**

**A. Biostatistics done by department faculty**

**A.1. Dr. M. S. Vasantha lakshmi**

Number of work orders attended: 10

Number of Sessions with students & staff for statistical analysis : 14

**A.2. Santosha C.D.**

Number of work order attended: -

Number of sessions with students & staff for statistical analysis: -

**B. CLINICAL SERVICES**

***B.1.*** ***Statistics of clinical work of faculty***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI.No.** | **Supervisor** | **Rx/Diag** | **Lang** | **Voice** | **Articulation** | **Fluency** | **Resonance** | **Total** |
| 1. | SKC | Diagnostics | 3 | 2 | 3 | 3 | - | 11 |
| Therapeutics | 44 | - | - | - | - | 44 |
| 2. | RM | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | 6 | - | - | 6 |
| 3. | MPV | Diagnostics | - | - | - | - | - | - |
| Therapeutics | - | - | - | - | - | - |
| 4. | SN | Diagnostics | 2 | - | 1 | - | - | 3 |
| Therapeutics | 20 |  | 3 | - | - | 23 |
| 5. | JS | Diagnostics | 9 | - | 1 | 1 | - | 11 |
| Therapeutics | 9 | - | - | - | - | 9 |
| 6. | PGK | Diagnostics | 06 | 19 | 03 | 00 | 00 | 28 |
| Therapeutics | 07 | 05 | 03 | 00 | 02 | 17 |
| 7. | DMS | Diagnostics | 12 | - | 3 | 2 | - | 17 |
| Therapeutics | 35 | - | - | - | - | 35 |
| 8. | DKJ | Diagnostics | 4 | - | 2 | 0 | 8 | 14 |
| Therapeutics | 6 | - | 0 | - | 1 | 7 |
| Total | | Diagnostics | 36 | 21 | 13 | 6 | 10 |  |
| Therapeutics | 123 | 5 | 11 | 0 | 1 |  |

***B.2.* *General Clinical Services and Statistics of Various Departments***

1. Alternative Augmentative Communication Unit (AAC): Statistics of clinical activities of the unit for September 2013

|  |  |
| --- | --- |
| **Details** | **Total No. of cases** |
| New cases evaluated | 2 |
| Evaluation Sessions | 2 |
| Therapy cases seen | 19 |
| Therapy Sessions | 121 |
| D.T. Cases | - |
| Home training cases | - |
| No. of Undergraduate students trained | - |
| No. of sessions for B.Sc internees | - |
| No. of postgraduate students trained | 4 |
| No. of sessions for M.Sc internees | 19 |

1. **Autism Spectrum Disorders Unit(ASD)**

**2.a. Statistics of clinical activities of the Unit for September 2013**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 32 |
| 1. No. of assessment sessions | 32 |
| 1. No. of therapy cases | 90 |
| 1. No. of therapy sessions | 638 |
| 1. No. of D.T. cases | 08 |
| 1. No. of cases discharged | 05 |
| 1. No. of cases discontinued | 04 |
| 1. No. of Hindi cases | 06(diagnostics) |
| 1. No. of materials developed | * Pragmatic Protocol * Autism Instrument for Education and Planning * Alternate methods of treatment for Autism * Stimulus card for teaching pragmatic skills - Kannada * Stimulus card for Cues pause point method - Malayalam |

**In Diagnostics**

|  |  |
| --- | --- |
| No.of DSL with ASD | 15 |
| No. of DSL with MR with ASD | 01 |
| DSL with ASD with HL | 01 |
| No. of ELD With PDDNOS | 01 |
| No. of DSL with ADHD with Autism | 01 |
| No of Pragmatic disorder | 00 |
| No. of Dsl with MR with CP with AF | 04 |
| No. of DSL with PDDNOS | 08 |
| No. of DSL | 01 |

2b. **Occupational therapy (OT-ASD): Statistics of clinical activities of the Unit for September 2013**

|  |  |  |
| --- | --- | --- |
| 1. | No. of cases evaluated | 18 |
| 2. | No. of assessment sessions | 19 |
| 3. | No. of therapy cases | 66 |
| 4. | No. of therapy sessions | 434 |
| 5. | No. of D.T. cases | 6 |
| 6. | No. of cases discharged | 1 |
| 7. | No. of cases discontinued | 2 |
| 8. | No. of cases re-evaluated | 8 |

1. **Special Clinic for Motor Speech disorders (MSD clinic): Statistics of clinical activities of the clinic for September 2013**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| No. of new clients for speech-language assessment | 4 |
| No. of new clients for intervention | 3 |
| No. of new clients for feeding assessment | 6 |
| No. of new clients for feeding therapy (activities given for home training) | 3 |
| Follow up intervention sessions for speech-language issues | 0 |
| Follow up intervention sessions for feeding issues (activities given for home training) | 0 |
| Counseling | 7 |
| No. of Hindi cases | 0 |
| Material development | 1 (Brochure on the role of teachers in the management of children with cerebral palsy in English and Kannada) |

1. **Unit for Structural Craniofacial Anomalies (U-SOFA): Statistics of clinical activities of the Unit for September 2013**

U-SOFA STATISTICS OF CLIENTS ATTENDING THERAPY – September 2013

|  |  |  |
| --- | --- | --- |
| SL No |  |  |
| 1. | No. of cases | 19 |
| 2. | No of sessions | 38 |
| 3. | No of DT case sessions | 10 |
| 4. | No of cases discharged | 3 |

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics |  |  |
| No. of clients evaluated by plastic surgeon | 4 | 1 |
| No. of clients evaluated by prosthodontist | - | 1 |
| No of cases seen by orthodontist | 2 | 2 |
| Rehabilitation Recommended |  |  |
| No of cases recommended for orthodontic treatment | 1 | - |
| No. of clients recommended for surgery | 2 | - |
| No. of clients recommended for speech therapy | 4 | 1 |
| No. of client recommended for Prosthesis | - | 1 |
| **Details of rehabilitation** |  |  |
| No. of session taken for preparation of prosthesis | - | - |
| No. of speech prosthesis prepared | - | - |
| No. of cases attended speech and lang. therapy | 17 | 2 |
| Total No of cases attended Demonstration therapy | 2 | - |
| No of sessions ( D.T ) | 10 | - |
| No of speech and language therapy sessions held | 34 | 4 |
| Manpower development |  | |
| No of postgraduate students trained | 3 | |

|  |  |
| --- | --- |
| Total number of cases seen | 19 |
| Total number of sessions | 38 |
| Daily average sessions | 2 |
| Number of DT cases | 2 |
| Number of new cases | 7 |
| Number of repeat cases | 12 |
| Number of cases discharged | 3 |
| Number of cases discontinued | 5 |
| Number of working days | 20 |
| Number of students posted | 3 |

**B.3. Number of hours spent and duties performed by faculty at Units/Special Clinics run by other departments.**

**Mr. Gopi Kishore Pebbili**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the faculty | Name of the Unit/Special clinic | Position of the faculty in the Unit/Special Clinic | No. of hours spent | Duties of the faculty |
| Gopi Kishore Pebbili | Voice Clinic, Department of Clinical Services | Member Secretary | 1-1/2 hrs/day and 3 days/week.  Total: 15 hours | * Participating in team assessments * Assisting in stroboscopy * Counseling the patients |

**IV. TECHNOLOGICAL CONSULTANCY SERVICES**

**A. EXTENSION ACTIVITIES:**

**A.1. Rehabilitation & Education through Distance Mode:-**

**A.2. Prevention of Communication Disorders:-**

**A.3. Publicity and Information:-**

**A.4. Camps:-**

**A.5. Orientation Program:**

|  |  |
| --- | --- |
| **Name/Topic of the Program** |  |
| **Objectives** |  |
| **Faculty Involved** |  |
| **Organized Department/Section/Unit** |  |
|  |  |
| **Number of Participants** |  |
| **Date** |  |

**A.6. Public Lecture Series:**

**V. CENTRAL FACILITIES**

**A. Library and Information Services:-**

**B. Materials Development:-**

**VI. AWARDS AND HONORS RECEIVED BY FACULTY AND STAFF:**

**VII. EXTRA CURRICULAR ACTIVITIES: Nil**

**A. NSS:-**

**B.AIISH gymkhana:-**

**C. Others:-**

**VIII.ADMINISTRATIVE ACTIVITIES**

**A. Official Language Implementation:-**

**B. Information on Personnel: Nil**

B.1**.** Appointments

1. Regular
2. Contract : Ms. Gaganashree, Research Officer

Ms. Vijitha Raj, Research Officer

1. Deputation
2. Project Staff

B.2. Promotion

B.3. Resignation/Retirement

B.4. Obituary

**C. Major constructions: Nil**

**D. Particulars of Equipments Purchased: Nil**

**E. Finance Statements: Nil**

**F. Others: Nil**

**G. Eminent visitors:**

**H. OTHER RESPONSIBILITIES: Nil**

**I. ANY OTHER**

|  |  |
| --- | --- |
| **1.** | **Dr. Shyamala K.C.** |
|  | * Attended ATM opening of Bank of Baroda on 26.9.13 at 10 a.m. * Attended inauguration of National Workshop on “Advancements in Electroacoustic measurements” organized by the Electronics dept. on 24.9.13 |
| **2.** | **Dr. Jayashree Shanbal** |
|  | * As CBCS coordinator for M.Sc (Speech-Language Pathology), compilation of C1 marks for II M.Sc (SLP). * Posted in Dept. of POCD on two half days a week (Tuesday forenoon and Friday afternoon). Assisted in preparation of information that was required to be furnished regarding RTI to the Ministry. * Preparation of ‘Special Clinic for Learning Disability’ for NAAC visit. * Preparation of language lab as part of NAAC visit-prepared five posters-language research, speech research, DMDX, SLT, SWORD software, preparation of tutorials for DMDX, SALT SWORD software. Collected materials from Clinics, photocopied old tests, bound for display, arranged dissertations, projects, thesis, book publications that are in the form of tests in the Language lab. * Preparation of slides for presentation regarding the department, in consultation with the HOD and Dr. R. Manjula for NAAC Peer Team visit. * As organizing member of Cultural committee, NAAC Peer Team visit, organized cultural programs which was showcased on 23.09.2013. * As member of AIISH Museum committee-attended meeting with other members and preparation of presentation in a meeting held with the Director and other members on Brain, language disorders, prevention and rehabilitation. * Preparation of USIEF proposal as part of OSI grant-prepared the strengths of the institute and sent to SCSU, USA for compilation in consultation with the Director. * Guided I M.Sc (SLP) students for Journal Club on ‘Semantic Neural representation in bilinguals’ held on 26.09.2013. |
| **3.** | **Mr. Brajesh Priyadarshi** |
|  | * Nominated and served as Judge for Hindi grammar test organized for the staff of AIISH, Mysore on 13th September, 2013 in connection with Hindi Week celebrations. |
| **4.** | **Dr. N. Swapna** |
|  | * Guided three BSc (Sp. & Hg.) students for their clinical conference which was held on 13th Sept. 2013. Two clients with cerebral palsy were presented and the issues concerning feeding were highlighted. * Helped in organizing the documents of the various activities carried out by the staff of Dept. of SLP for inspection by the NAAC team. * Oriented the NAAC team about the MSD special clinic and digital swallowing workstation which was a part of swallowing lab in the Department. |
| **5.** | **Dr. M.S. Vasantha Lakshmi** |
|  | * Served for calculation of percentage incremental growth of marks of AIISH students for NAAC * Served for the compilation of faculty records of the department |
| **6.** | **Ms. Gayathri Krishnan** |
|  | * Worked for preparation of document manual for ISO certification * Worked on preparation of the department for NAAC visit * Actively participated in the programmes related to NAAC visit * Prepared and set up the swallowing disorders laboratory * Assisted in spot quotations * Compiled and sent the clinical IA marks for 1st M.Sc(SLP) and IInd M.Sc (SLP) on time * Attended JC & CC * Working on settlement of bills post NAAC * Worked on preparation of information on Customs duty exemption |
| **7.** | **Dr. Deepa M.S.** |
|  | * Explained about software’s related to Language analysis for NAAC peer team on 23.09.2013. * Designed the certificate for participants and resource persons attending the orientation program on “Improving the quality of life of children with cerebral palsy in the school set up” which is going to be organized on 3.10.2013 at AIISH on an occasion of celebration of ‘Cerebral Palsy Day’. * Co-ordinated for cultural event organized for NAAC peer team. |
| **8.** | **Ms. Deepthi K.J.** |
|  | * Worked as a member in the catering committee on 23rd, 24th and 25th September 2013. * Made necessary arrangements for catering (purchasing) on 15th September. * Served as the representative for U-SOFA on the 23rd during NAAC visit. * Correction and compilation of Workbooks and posters for NAAC inspection and necessary arrangements for their display. * Guiding students of 3rd B.Sc B section (Ms. Sarga, Ms. Tanaz and Ms. Prithismitha) for their Clinical Conference to be held in January 2014. |

**HOD-Speech and Language Pathology**