**ALL INDIA INSTITUTE OF SPEECH AND HEARING: MYSORE-6**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

No.SH/SLP/AR/2012-13 13.4.2012

**Submitted to the Director:**

Sub: Material for Annual Report for the year 2011-12 - reg

Ref: Circular No. SH/LIC/AR/2011-12 dated 02.04.2012

With reference to the above, please find enclosed the Material for Annual Report for the year 2011-12 in the prescribed format. The soft copy is sent to lio@aiishmysore.in

**HOD, Speech-Language Pathology**

**ANNUAL REPORT (APRIL – MARCH 2011-12)**

1. **ACADEMIC ACTIVITIES**
2. **Short-term Training Programs**

**Dr. Manjula R.**

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| **1.** | **Theme/Topic** | Prevention and early identification of communication disorders and training for survey in the villages. |
|  | **Coordinator** | Dr. Manjula.R |
|  | **Objectives** | To train the selected volunteers to participate in early identification and prevention of communication disorders in the villages around Hullahalli, Akkihebbalu and Gumballi PHC’s |
|  | **Targeted Audience** | Selected homemakers as volunteers (Hullahalli, Akkihebbalu PHC’s) |
|  | **Number of Participants** | 12 |
|  | **Date** | 29.9.2011 |

 **Mr. Pebbili Gopi Kishore**

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| **2.** | **Theme/Topic** | Introduction to communication disorders |
|  | **Coordinator** | Department of Speech- Language Pathology, AIISH. |
|  | **Objectives** | To make the medical professionals aware about various communication, language and speech disordersTo make aware about various methods of early identification and intervention of individuals with speech and language deficits |
|  | **Targeted Audience** | Post graduate student of ENT |
|  | **Number of Participants** | 3 |
|  | **Date** | 07.04.2011 |

 **Mr. Nageshwar Pattiola**

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| **3.** | **Theme/ Topic** | Short term training of PG Students |
|  | **Coordinator**  | Department of Speech Language Pathology, AIISH. |
|  | **Objectives** | Train regarding Speech & language pathologies |
|  | **Targeted Audience** | ENT P.G students |
|  | **Number of Participants** | 02 |
|  | **Date** | 27/10/2011 |

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| **4.** | **Theme/Topic** | - |
|  | **Coordinator** | Department of Speech Language Pathology, AIISH. |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 1 |
|  | **Date** | 22/07/2011 at AIISH |

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| **5.** | **Theme/Topic** | - |
|  | **Coordinator** | Department of Speech- Language Pathology |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 2 |
|  | **Date** | 25/08/2011 at AIISH |

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| **6.**  | **Theme/Topic** | Introduction to communication disorders |
|  | **Coordinator** | Department of Speech Language Pathology |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 1 |
|  | **Date** | 14.11.2011 |

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| **7.** | **Theme/Topic** | - |
|  | **Coordinator** | Department of Speech Language Pathology |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 1 |
|  | **Date** | 7/12/2011 |

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| **8.** | **Theme/Topic** | - |
|  | **Coordinator** | Department of Speech Language Pathology |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 5 |
|  | **Date** | 21/12/2011 |

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| **9.** | **Theme/Topic** | - |
|  | **Coordinator** | Department of Speech Language Pathology |
|  | **Objectives** | - |
|  | **Targeted Audience** | - |
|  | **Number of Participants** | 1 |
|  | **Date** | 28/12/2011 |

1. **Orientation Programs**

**Dr. Manjula, R.**

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| **1.** | **Theme/Topic** | Orientation to nursing students on Prevention and early identification of communication disorders |
|  | **Coordinator** | Dr. R. Manjula |
|  | **Objectives** | To sensitize the nursing students regarding prevention and early identification of communication disorders |
|  | **Targeted Audience** | Nursing students from:[1] S.C.V.D.S college of nursing, Mysore[2] Kamakshi Nursing school, Mysore |
|  | **Number of Participants** | [1] = 56 students and 4 staff[2] = 18 students and 2 staff |
|  | **Date** | 7.10.2011, 14.10.2011 & 31.10.2011 |

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| **2.**  | **Name/Topic of the Program** | Orientation to ASHA workers and selected Homemakers  |
|  | **Coordinator** | Dr. R. Manjula |
|  | **Objectives** | To sensitize and train the ASHA workers and selected Homemakers belonging to Hullahalli, Akkihabbalu and Gumballi for the IVth phase of the activities related to prevention and early identification of communication disorders |
|  | **Targeted Audience** | ASHA workers and selected Homemakers |
|  | **Number of Participants** | 37 ASHA workers and Homemaker volunteers |
|  | **Date** | 3/1/2012 |

1. **Clinical Observation Posting of Students from Other Institutes:**

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| --- | --- |
| Number of Students | 1 |
| Course | ENT Surgeon |
| Institute  | - |
| Date  | 19th- 29th March 2012 |

1. **Seminars/Conferences/Workshops**

**Dr. K. C. Shyamala**

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| **1.** | **Theme/Topic** | Intervention in ASD |
|  | **Coordinator** | Dr Shyamala. K.C. |
|  | **Objectives** | To impart information on few therapy methods/techniques and strategies in Autism spectrum disorders. The chief resource person was Dr. Theresea Estrem, Associate Prof. St.Cloud State University, MN, USA. She gave lectures on evidence based practice, positive behavioural approach and social skills in autism intervention |
|  | **Target Audience** | Parents , Students of MSc(SLP) & Staff |
|  | **Number of Participants** | 105 |
|  | **Date** | 12/05/11 |

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| **2.** | **Theme/Topic** | Acquired brain injury in children and adolescents  |
|  | **Coordinator** | Dr Shyamala. K.C. |
|  | **Objectives** | To impart training in identification, assessment and intervention in children and adolescents with cognitive – communicative disorders. Speaker was Dr. Sian. A. Rees, Director SHIPS project, Bristol, UK. Interactive sessions were conducted besides presentation from the speaker |
|  | **Target Audience** | III B.Sc students, JRF’s and Staff |
|  | **Number of Participants** | 88 |
|  | **Date** | 21.7.2011 |

 **Dr. Pushpavathi**

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| **3.** | **Theme/Topic** | Therapy for Anomia : Recent trend |
|  | **Coordinator** | Dr. M. Pushpavathi |
|  | **Objectives** | Provide insight on therapy for anomia |
|  | **Target Audience** | III B.Sc students, JRF’s and Staff |
|  | **Number of Participants** | 80 |
|  | **Date** | 28.7.2011 |

1. **Guest Lectures**

**Dr. K.C. Shyamala**

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| **1.** | **Name, Designation** | Dr. K.C. Shyamala, Professor and Head, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Bilingual issues & cognition |
|  | **Place conducted** | AIISH, Mysore |
|  | **Target Group & No.** | SLPs, Audiologists, special educators |
|  | **Date**  | 30th June & 1st July 2011 |

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| **2.** | **Name, Designation** | Dr. K.C. Shyamala, Professor and Head, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Assessment of Aphasia in Indian context: Illiteracy & multilingualism |
|  | **Place conducted** | World Federation of Neurology 2nd teaching course held at Kolkata |
|  | **Target Group & No.** | Neurologists, psychologists, and SLPs |
|  | **Date**  | 6th January 2012 |

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| **3.** | **Name, Designation** | Dr. K.C. Shyamala, Professor and Head, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Dementia: Characteristics, differential diagnosis & assessment |
|  | **Place conducted** | 44th ISHACON at Hyderabad |
|  | **Target Group & No.** | SLPs |
|  | **Date**  | 19th January 2012 |

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| **4.** | **Name, Designation**  | Dr. K.C. Shyamala, Professor and Head, Department of Speech Language Pathology, Professor, ,  |
|  | **Topic of Lecture** | Dr. N. Ratna Oration lecture on multilingualism and Issues in Speech Language Pathology |
|  | **Place conducted** | 44th ISHACON at Hyderabad |
|  | **Target Group & No.** | Speech & hearing professionals |
|  | **Date**  | 21st January.2012 |

 **Dr. R. Manjula**

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| **5.** | **Name, Designation** | Dr. R. Manjula, Professor, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Prevention of Noise induced hearing loss |
|  | **Place conducted** | Southern Regional occupational Health Centre (ICMR), Bangalore |
|  | **Target Group & No.** | Medical officers of various industries in Karnataka, approx. 100 |
|  | **Date**  | 23.9. 2011 |

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| **6.** | **Name, Designation**  | Dr. R. Manjula, Professor, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Early identification of speech and language disorders |
|  | **Place conducted** | Department of ENT, AIISH |
|  | **Target Group & No.** | Health workers from Primary Health Centers of Mysore district, approx.70 |
|  | **Date**  | 21.9.2011 |

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| **7.** | **Name, Designation**  | Dr. R. Manjula, Professor, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Screening newborns for hearing, speech and language in community set up |
|  | **Place conducted** | UNICEF and Department of Neonatology, IPGME&R & SSKM Hospital, Kolkata 700020 |
|  | **Target Group & No.** | Representatives of UNICEF & specialists from medical fraternity, approx. 50 |
|  | **Date**  | 24th to 26th January 2012 |

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| **8.**  | **Name, Designation**  | Dr. R. Manjula, Professor, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | “Profiling and Management of articulation disorders in motor speech disorders” |
|  | **Place conducted** | Dept. of Clinical Services and Dept of Speech-Language Sciences, AIISH. |
|  | **Target Group & No.** | Speech & hearing professionals, approx. 200 |
|  | **Date**  | 6.1.2012 |

 **Dr. Swapna**

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| **9.** | **Name, Designation**  | Dr. Swapna, Lecturer, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Intervention Strategies in Classroom Settings |
|  | **Place conducted** | Department of Atomic Energy, Government of India |
|  | **Target Group & No.** | Teachers |
|  | **Date**  | 11th and 12th May 2011 |

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| **10.** | **Name, Designation** | Dr. N. Swapna, Lecturer, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Intervention strategies in classroom settings |
|  | **Place conducted** | AIISH, Mysore |
|  | **Target Group & No.** | 21 Teachers from SSA, Lakshadweep |
|  | **Date** | 21.9.2011 |

 **Dr. Jayshree C. Shanbal**

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| **11.** | **Name, Designation**  | Dr. Jayashree C. Shanbal, Lecturer, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Assessment of language disorders in school going children |
|  | **Place conducted** | Atomic Research schools |
|  | **Target Group & No.** |  |
|  | **Date**  | 11-05-2011 |

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| **12.** | **Name, Designation**  | Dr. Jayashree C. Shanbal, Lecturer, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Identification of language problems in school going children |
|  | **Place conducted** | AIISH, Mysore |
|  | **Target Group & No.** | IERTs as part of SSA program |
|  | **Date** | on 9.6.2011 |

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| **13.** | **Name, Designation**  | Dr. Jayshree Shanbal , Lecturer, Department of Speech Language Pathology, AIISH. |
|  | **Topic of Lecture** | Assessment of Communication Disorders |
|  | **Place conducted** | “Aashiyana’, Udayagiri, Mysore |
|  | **Target Group & No.** | NGO workers |
|  | **Date** | 21.6.2011. |

1. **Additional Academic Services by the Faculty and Staff**
2. **Invited Talks:**

**Dr. Swapna. N.**

Served as a resource person and delivered a talk on ‘Communication, speech and language aspects’ to 30 Participants of C4D2 course on 21.6.11 organized by the Dept. of Clinical Psychology.

1. **Curriculum Development : Nil**
2. **Development of Materials to Support Learning:**

**ASD Unit**

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| Materials Developed | 1. Tasks for teaching Pragmatic Skills
2. Line drawing for adjectives
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**U-SOFA Unit**

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| Audio Visual Material development | 1. Hand book on Prosthesis.
2. Handbook on Assessment and management of Velopharyngeal dysfunction.
3. Manual for parents on cleft lip and palate (kannada)
4. Feeding issues in cleft lip and palate children
5. Brochure on cleft lip and palate in English and kannada
6. Orientation program PPT & questionnaire
7. English booklet on cleft lip and palate
8. Oronasal stimuli material
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**MSD Unit**

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| Material development | Translation of pamphlets into Malayalam and Kannada  |

1. **Service in Academic bodies of other organizations**

**Dr. Shyamala.K.C.**

* 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
* Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi
* PhD examiner for other universities like Osmania University, Banaras Hindu University and NIMHANS

 **Dr. R. Manjula**

* Served as Member, BOE and BOS at ISH, Bangalore.
* Served as Member, BOS and BOE, Mysore University

 **Dr. M. Pushpavathi**

* Serving as BOE, University of Mysore
* Member, BOS, University of Mangalore

**Dr. N. Swapna**

* Served as examiner for Bangalore University for MSc (SLP) on 4th Feb 2012.
* Served as an examiner for the valuation of BSc answer scripts (attended valuation on 10th, 13th and 14th Jun 2011).
* Served as the coordinator for Hindi week form 14th to 20th Sept 2011.

 **Mr. Brajesh Priyadarshi**

* Nominated and served as Custodian for Central Valuation for PG examination – 2011; conducted by the University of Mysore (UOM).

 **Dr. V.P. Vandana:**

* Served as Examiner –University of Kerala

 **Dr. M.S. Vasanthalakshmi**

* Guiding faculty, staff, JRFs, and students for statistical analysis of the research data.
* Served as Office Superintendent for M.Sc. (CBCS and Regular) : 2011-12 Examinations
* Served as member of Cultural Committee for Institute Day, 2011
* Served as member of BOE, University of Mysore
* Served as member of BOE, ISH, Bangalore University
* Served as member of BOE, Kerala University
1. **Membership in professional organizations**

**Dr. K. C.Shyamala**

* Serving as EC member, AIISH Alumni

 **Dr. R. Manjula**

* Served as Vice President of ISAAC- India Chapter

 **Dr. M. Pushpavathi**

* Serving as Treasurer.AIISH Alumni Association

 **Dr. V.P. Vandana:**

* Served as Member Secretary in Scientific committee for speech –AIISH Alumni 2011 meet
* Served in organizing committee,.AIISH Alumni Association 2010-2011 meet

 **Dr. M. S. Vasanthalakshmi**

* Member of the Indian Society for Probability and Statistics (ISPS)
* Member of BOE, University of Mysore
* Member of BOE, ISH, Bangalore University
* Member of BOE, Kerala University

 **Mr. Gopikishore**

* Served as a member in the scientific committee for the AIISH alumni association meet, 2011.
1. **Participation in Committees/ Taskforces and Panels set up by other organizations/agencies**.

**Dr. Shyamala.K.C.**

* Serving on International Editorial Boards of Asia Pacific Journal of Speech, Language and Hearing published at San Diego, USA.
* Served on Editorial Board of AIAN (Annals of Neurology), New Delhi
* Served on Editorial Board of CIA, Bangalore
* Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association

 **Dr. R. Manjula**

* Serving as a reviewer on the editorial board of Journal of Indian Speech Language and Hearing Association.
1. **Any Other**

 **Dr. Shyamala.K.C.**

* 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
* Served on the Editorial Board of JAIISH, Mysore
* Served as Chairperson, Service Betterment Committee
* Served as Overall Coordinator – DHLS
* Served as Member BOS (Sp. & Hg.), Mysore
* Served as Coordinator for monthly report preparations of DHLS
* Served as member, Postdoctoral Committee at AIISH.
* Served as member, Quarters allotment committee.
* Served as CVO for AIISH
* Serving as Member, Internal Research Committee for review of ARF Research projects
* BOE Work of Mysore University done.
* Panelist for walk-in interview at board room, AIISH on 26/09/11
* Served as Chairperson, complaints of Sexual harassment Committee
* Served as Chair person DPC Committee
* Co-ordinated the All Indian Coorinators meet on 22nd – 23rd Sept 2011 at AIISH

 **Dr. R. Manjula**

* Serving as HOD, CREDM
* Serving as Co-ordinator, AAC Unit from 2003.
* Served as HOD, Department of Prevention of Communication Disorders from 1/1/12
* 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.
* Served as Member, Internal Research Committee for review of ARF Research projects.
* Served as Member, anti ragging committee.
* Served as a Member of the Inquiry committee nominated to look into the complaints received by Mrs. Uma Monica, Staff Nurse, Dept. of ENT. On 14.9.2011.
* Served as a member in the committee to conduct walk – in interview for selection of candidates for various vacant contract posts under Group B and C of the institute on 26.9.2011.
* Served as member in the selection committee for the posts of SLP Grade II, Research Asst and Clinical Assistant on 31.1.2012
* Served as the Chairperson in the committee for review of confirmation/regulatization of Group B and C staff of AIISH under DPC on 30.9.2011

 **Dr. M. Pushpavathi**

* Serving as academic coordinator
* Served as Chairperson for the interior decoration of the international guest house
* Served as Chair person , Unit for structural orofacial Anomalies from June 2010
* Served as Coordinator, DHLS Mumbai center
* Served as Member, Internal Research Committee for review of ARF Research projects.
* Served as Member, anti ragging committee.
* Served as HOD – Department of Speech Language Pathology till December 2011
* Served as Member, selection committee for B.S.Ed candidates

 **Dr. N. Swapna**

* Serving as mentor for II MSc (SLP) students. Conducted a meeting with the students on 16.2.2012.
* Serving as coordinator for DHLS program of AIISH at Puducherry.
* Serving as a member of LTU (special unit). Attended a meeting with the chairperson and other members on 22/2/12.
* Serving as a member to monitor new born infant screening at Ajmer DHLS center.
* Nominated 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 2010-11.
* Nominated as the coordinator for CBCS for I MSc (SLP) and PGDCL-SLP for the academic year 2011-12.
* Served as chairperson, Decoration committee constituted on account of annual day celebration on 9.8.11. Guided a set of students for clinical conference and journal club. Participated in cultural competitions (solo and group song) and won a prize.
* Served as a chairperson, accommodation committee constituted on account of DHLS coordinator’s meet on 22nd and 23rd September 2011.
* Served as member of scientific committee (speech) for AIISH Alumni meet held on 2.7.2011**.**
* Served as member of scientific committee for the National Symposium on Exploring Areas of Research in Cognitive Sciences to be held on 30th June and 1st July 2011.
* Served as an examiner for the valuation of BSc answer scripts (attended valuation on 10th, 13th and 14th Jun 2011).
* Served as the coordinator for Hindi week form 14th to 20th Sept 2011.
* Nominated as chairperson, committee for conducting competitions for school children on account of open day celebrations.
* 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.

 **Dr. Jayashree Shanbal**

* Member Secretary, Autism Spectrum Disorders Unit
* Member Secretary, Learning Disability Unit
* Member Secretary, AIISH Gymkhana 2010-11- Organized farewell function to Mr. K.M. Venkatesh as part of his superannuation on 31-05-2011 from AIISH Gymkhana
* Member, Public Grievances and Redressal committee

 **Mr. Brajesh Priyadarshi**

* Served as the Coordinator, DHLS program, Bhagalpur study centre.
* Served as HOD, in charge for Department of Material Development, AIISH.

Served as Joint Secretary, AIISH Gymkhana

* Nominated and served as Member Secretary, Transport Committee constituted for National Symposium on Cognitive Sciences on 30th June & 1st July 2011..
* Nominated and served as Member, Exhibition Committee for Annual Day celebration at AIISH.
* Nominated and served as member, selection committee for PGDCL (SLP) admission-2011
* Nominated and served as Deputy Chief Superintendent to conduct entrance examination for admission to BASLP to be held at Delhi on 4th June, 2011.
* Nominated and served as Stock Verification Officer.
* Served as Mentor for Diploma courses.
* Served as overall in charge of the AIISH Aawaaz-2012 program (Cultural Fest) from 16th -18th March, celebrated at AIISH, Mysore

 **Dr. V.P. Vandana:**

* Served as Coordinator for NPPCD program – Ramnagara centre
* Served as Member Secretary – AAC Unit
* Served as Member secretary – Registration committee - National Symposium on Exploring Areas of Research in Cognitive Science
* Served as Member Library Committee –AIISH
* Stock verification officer for technical equipment for Department of Audiology (Hearing evaluation, HAT and Ear moulds). Submitted stock verification report for technical equipment for Department of Audiology (Hearing evaluation, HAT and Ear moulds) to the Director, AIISH and H.O.D-Department of Audiology on 21st April 2011.

 **Dr. M.S. Vasanthalakshmi**

* Guidance given to M.Sc. students for the dissertation data entry in SPSS
* Guidance given to faculty / staff / JRF/ students regarding statistical analysis of their data.
* Discussion with students regarding statistical results of JC article

**Mr. Gopikishore**

* Serving as a Member of U-SOFA and participated in the team assessment sessions for individuals with cleft lip and palate.
* Nominated as a coordinator of NPPCD for Kolar district, Karnataka.
* Serving as mentor for the students of second year BASLP course.
* Serving as Group ‘A’ representative for AIISH Gymkhana.
* Served as member in the transportation committee for the ‘National symposium on exploring areas of research in cognitive sciences,’ on 30th June & 1st July 2011.
* Coordinated the representation of AIISH at science exhibition organized by Yuvaraja’s college during 30th and 31st March, 2012.

**Mr. Nageshwar Patlolla**

* Collected Audio Video materials for MSD unit
* compiling the professionals addresses working in Motor Speech area,
* Helped in Preparation of Brochure of Motor Speech Disorders,
* Arranging material required for inauguration of MSP Unit
* Stock verification work with Academic section & Discussion with I/C stores regarding Stock verification

**Mr. Santhosha C. D.**

* Guidance given to faculty / staff / JRF / students regarding statistical analysis of their data.
* Guidance given to M.Sc. students for the dissertation data entry in SPSS

Discussion with students regarding statistical results of JC article

**II. Research Activities**

1. **Research Projects**
2. **Completed Research Projects**

**Dr. Shyamala.K.C**

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| **1.** | **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 |
|  | **Investigators** | Ms. Shivani Tiwari, Mr. Gopee Krishnan, Dr. Rajashekar. B.V and Dr. Shyamala. K.C |
|  | **Funding Source** | ARF |
|  | **Grant Amount** |  `3,16,000.00 |

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| **2.** | **Title** | Adaptation and Standardization of Cognitive Linguistic Quick Test in Kannada (CLQT-K): Comparison between monolinguals (Kannada) and Bilinguals (Kannada-English) |
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|  | **Objectives** | - |
|  | **Investigators** | Dr.Vandana. V. P.(PI) , Dr. Shyamala. K.C (C0-PI) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3.4 lakhs |

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| **3.** | **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 |
|  | **Investigators** | Dr. Shyamala. K.C |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | 5,92,000.00 |

 **Dr. Jayashree C. Shanbal**

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| **4.** | **Title** | Field Testing of Manual of Adult Non- Fluent Therapy-in Kannada |
|  | **Objectives** | To field test Manual of Adult Non- Fluent Therapy-in Kannada |
|  | **Investigators** | Dr. S.P. Goswami & Dr. Jayashree C. Shanbal |
|  | **Funding Source** | ARF  |
|  | **Grant Amount** | `5.71 lakhs |

 **Mr. Brajesh Priyadarshi**

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| **5.** | **Title** | Computerized Screening Test for acquisition of Syntax in Hindi (STASH): An Adaption of STASK. |
|  | **Objectives** | To develop a module on Computerized Screening Test for acquisition of Syntax in Hindi (STASH) |
|  | **Investigators** | Brajesh Priyadarshi (Co-Investigator) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5.80 lakhs |

1. **New Research Projects (Initiated during 2011-12)**

 **Dr. K.C.Shyamala**

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| **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  |
|  | **Investigators** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C.  |
|  | **Funding Source** | Department of Science and Technology (DST), New Delhi. |
|  | **Grant Amount** | `46,17,200 lakhs for 3 years from 2011 |

 **Dr. N.Swapna**

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| **2.** | **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.
 |
|  | **Investigators** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) |
|  | **Funding Source** | Department of Science and Technology (DST) |
|  | **Grant Amount** | `28 lakhs |

iii) **Ongoing Research Projects**

 **Dr. K.C. Shyamala**

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| **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  |
|  | **Investigators** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B and Dr. Shyamala. K.C.  |
|  | **Funding Source** | Department of Science and Technology (DST), New Delhi. |
|  | **Grant Amount** | `46,17,200 lakhs for 3 years from 2011 |
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| **2.** | **Title** | The central alexias and agraphias in semi-syllabic orthography (co-PI).  |
|  | **Objectives** | * To identify and compare patterns of dyslexia across different orthographies.
 |
|  | **Department** | Speech-Language Pathology |
|  | **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) |
|  | **Amount** | 27 lakhs |
|  | **Status** | Fund has been received in the month of July 2011 |
|  | **Summary of work done in 2010-11** | Review of literature has begun. Search for selection of candidates is on. Equipment has to be procured yet. |

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| **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** | Dr. Shyamala. K.C |
|  |  | Department of Science and Technology (DST), New Delhi |
|  | **Fund** | 12, 27,000 for 3 years from 2009 |
|  | **Status** | Ongoing. After research officer Mr.Vishnu left, new research officer Ms. Kavitha B has joined |
|  | **Brief Achievement in 2010-11** | Developed language proficiency questionnaire titled TLP. Data collected for 20-40 years old bilinguals and multilinguals. Data collection is going on for 41-69 years old bilinguals/ multilinguals. Analysis for 20-40 years age group and writing review of literature are completed. |

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| **4.** | **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. |
|  | **Investigators** | Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. Rajashekar. B.V, Dr. Shyamala. K.C. |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5,92,000.00 |

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| **5.** | **Title** | Standardization of Western Aphasia Battery (WAB) in Telugu Monolinguals and Telugu –English (T-E) Bilinguals. |
|  | **Objectives** |  To standardize WAB in Telugu language |
|  | **Investigators** | Dr.Shyamala.K.C |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,16,000.00 |

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| **6.**  | **Title** | Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with Specific language impairment |
|  | **Objectives** | - |
|  | **Investigators** | Dr. Shyamala. K.C.(PI), Ms. Shivani Tiwari (Co-I), Mr. Gopee Krishnan(Co-I) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5,82,000.00 |

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| **7.** | **Title** | Lexical organization in Kannada-English and Malayalam-English bilinguals with and without aphasia: An investigation through translation |
|  | **Objectives** |  |
|  | **Investigators** | Dr. Shyamala. K.C.(PI), Ms. Shivani Tiwari (Co-I), Mr. Gopee Krishnan(Co-I) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5,82,000 |

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| **8.** | **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. |
|  | **Investigators** | Mr. Brajesh Priyadarshi(PI) Dr. Shyamala. K.C (Co-I). |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,06,000 |

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| **9.** | **Title** | Cross-language treatment generalization in Indian bilingual people with aphasia |
|  | **Objectives** | - |
|  | **Investigators** | Dr. Gopee Krishnan(PI) Dr.Swathi Kiran (Co-I), Ms. Shivani Tiwari(Co-I), Dr. Shyamala. K.C. (Co-I) |
|  | **Funding Source** | AIISH Research Fund |
|  | **Grant Amount** | `3,60,000 |

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| **10.** | **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 |
|  | **Investigators** | Dr. Shyamala. K.C |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | 5,72,000.00 |

 **Dr. R. Manjula**

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| **11.** | **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 |
|  | **Investigators** | Dr. R. Manjula & Dr. N. Swapna |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `2.57 lakhs |

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| **12.** | **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 |
|  | **Investigators** | Dr. R. Manjula,Mr. Siddesh, N.S.,Mr. Harish Pai, K., Mr. Jayakaran |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `2,28,350 lakhs |

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| **13.** | **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  |
|  | **Investigators** | Dr. R. Manjula & Dr. H. Venkatagiri |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `6,02,000 lakhs |

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| **14.** | **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 |
|  | **Investigators** | Dr. H. Venkatagiri & Dr. R. Manjula |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,70,000 lakhs |

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| **15.** | **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 |
|  | **Investigators** | Dr.S.R. Savithri, Dr. R. Manjula &Dr. H. Sudharshan |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `6,62,000 lakhs |

 **Dr. M. Pushpavathi**

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| **16.** | **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 |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. N. Sreedevi, Dr. Dakshayini.M, |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | ` 4,98,000 |

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| **17.** | **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 |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. Jayanthi Ray, Dr. Sundarraj.H, Mr. Gopi Sankar and Dr. Girish Kulkarni |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `4,98,000 |

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| **18.** | **Title** | Speech Characterstics 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 |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. Sathish.H, Mr. Gopi Sankar |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `4,98,000 |
| **19.** | **Title** | Speech Characterstics 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 |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. Sherry Peters, Dr. Subramni Iyer |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `4,98,000 |

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| **20.** | **Title** | Speech Characterstics 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 |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. Srinivas Ghosla Reddy, Dr. Swati Ravindran |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `4,98,000 |

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| **21.** | **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. |
|  | **Investigators** | Dr. M. Pushpavathi, Dr. Sathish V.H, Mr. Gopi Kishore, Mr. Gopisankar |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `6,07,000/ |

 **Mr. Brajesh Priyadarshi**

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| **22.** | **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 |
|  | **Investigators** | Mr. Brajesh Priyadarshi(PI) Dr. Shyamala. K.C (Co-I). |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,06,000 |

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| **23.** | **Title** | Computerized Screening Test for acquisition of Syntax in Hindi (STASH): An Adaption of STASK |
|  | **Objectives** | To develop a module on Screening Test for Acquisition of Syntax in Hindi (STASH) |
|  | **Investigators** | Brajesh Priyadarshi **(**Co-Investigator) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | 4.57 lakhs |

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| **24.** | **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 |
|  | **Investigators** | Brajesh Priyadarshi (Principal Investigator) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | 3,11000.00 (Rs. Three lakhs eleven thousand only) |

 **Dr. N. Swapna**

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| **25**. | **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.
 |
|  | **Investigators** | Dr. Vijaykumar Narne, Mr. Jayakumar (first co-investigator) and Dr. N. Swapna (second co-investigator) |
|  | **Funding Source** | Department of Science and Technology (DST) |
|  | **Grant Amount** | `28 lakhs |

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| **26.** | **Title** | Digital tutorial for pre-reading skill (A supplement to the intervention module for preschool children with communication disorders) |
|  | **Objectives** | 1. 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.
2. 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.
 |
|  | **Investigators** | Dr. Swapna.N –PI; Dr.K.S. Prema –PI; Dr. Y.V Geetha - Co PI |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5,41,000 |

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| **27.**  | **Title** | Word and Nonword repetition test for children in Kannada |
|  | **Objectives** | To develop a word and a nonword repetition test in Kannada language (along the lines of NRT and PSRep) for children in the age group of 3-6 years. |
|  | **Investigators** | Dr. Swapna.N –PI |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,06,000 |

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| **28.** | **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. |
|  | **Investigators** | Dr. Swapna.N –PI, Dr. R. Manjula & Dr. Y.V Geetha |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `5,72,000 |

 **Dr. Vasantha Lakshmi M S**

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| **29.** | **Title** | Process Evaluation of DHLS program conducted through Actual Vis-à-vis virtual mode |
|  | **Objectives** | To undertake a process evaluation of DHLS program conducted through virtual mode of instruction at various centers across the country |
|  | **Investigators** | Dr.Vijayalakshmi Basavaraj(late), Prof. S.Venkatesan, Ms.Vasantha Lakshmi M S |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | - |

 **Mr. Gopi Kishore**

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| **30.** | **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 |
|  | **Investigators** | Mr. P. Gopi Kishore, Dr. S.P. Goswami, Dr. Vijaya Lakshmi Basavaraj (late) |
|  | **Funding Source** | ARF |
|  | **Grant Amount** | `3,01,000/- |

1. **Doctoral and Post Doctoral Programs**

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| **Name** | **Title** | **Guide**  | **Status** |
|  | Development of Pragmatic Skills in Autism Spectrum Disorders | Dr. K.C. Shyamala  | Ph DAwarded |
|  | Limit theorems for sums, extremes and related stochastic processes  | Prof. R.Vasudeva, UOM | Ph. DAwarded |

1. **Degree Awarded: 2**

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| **Name of the Student** | **Title** | **Guide**  | **Status** |
| Ms. Deepa M.S | Discourse in Bilingual individuals with Demantia and Aphasia | Dr. K.C. Shyamala, AIISH | **Submitted** |

1. **Thesis Submitted: 1**
2. **Under Progress**

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| **Name of the Student** | **Title** | **Guide** | **Status** |
| Ms. Hema. N | Discourse Analysis in Bilingual Aphasic & Non Aphasic TBI | Dr. K.C. Shyamala | Ongoing |
| Ms.Namrata Pai | Language Assessment In Toddlers and Late Talkers/SLI | Dr. K.C. Shyamala | Ongoing |
| Ms.Sunitha Sendil Nathan | Intervention In Autism Spectrum Disorders | Dr. K.C. Shyamala | Ongoing |
| Ms. Maria Grace Tresa | Emergence of expressive Morphology in Malayalam speaking children with & without ASD. | Dr. K.C. Shyamala | Ongoing |
| Mr. Sunil Kumar. R | An even related brain potentials study of language processing of Kannada-English Bilingual Aphasia | Dr. 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. Santosh Kumar | Development and standardization of comprehension test in Hindi language for persons with Aphasia | Dr. S.P. Goswami | Ongoing |
| Mr. Sampath Kumar Lagishetty | Semantic judgment in Monolingual and Bilingual persons with Brocas Aphasia – An ERP Study | Dr. S.P. Goswami | 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 | Dr. M.Pushpavathi | Ongoing |
| Mr. Gnanavel.K | Speech Characteristics in Velopharyngeal dysfunctions – Pre-Post Surgery | Dr. M.Pushpavathi | Ongoing |
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1. **Research Papers Presented at National/Internat. Conferences /Seminars**

 **Dr. K.C. Shyamala**

Shyamala, K. C. Bilingual Issues & Cognition: *National* symposium on exploring areas of research in cognitive sciences. AIISH, Mysore, Karnataka. 30th June 2011 and 1st July 2011.

Nair, V. Sapna Bhat, Shyamala. K.C. & Demuth, K*. Novel Word Learning in Bi/Trilinguals: A Cross Linguistic Study.* 1st Annual Centre for Cognition and its Disorders Workshop. 23rd to 24th November, 2011

Shyamala, K. C. *Assessment of Aphasia in Indian context: Illiteracy & multilingualism.* 2nd teaching course of World Federation of Neurology. *Kolkata, West Bengal, 6th January 2012.*

Shyamala, K. C. *Dementia: Characteristics, differential diagnostics & assessment.* Preconference CEP, Hyderabad, Andhra Pradesh, 19th January 2012

Shyamala, K. C., Dr. N. Ratna Oration on M*ultilingualism and Issues in Speech Language Pathology from An Indian Perspective.* 44th ISHACON. Hyderabad, Andhra Pradesh, 21st January 2012.

Varun, U.A. G., Priyanka, S., & Shyamala, K. C. *Implicit linguistic processing in learning disability & downs syndrome: A comparison through semantic priming.* 44th ISHACON. Hyderabad, Andhra Pradesh, 21st January 2012.

Reuben, T.V., & Shyamala, K. C. *Quality of life among parents of children with severe developmental disabilities.* 44th ISHACON. Hyderabad, Andhra Pradesh, 21st January 2012.

 **Dr. R. Manjula**

Manjula, R. *Neurogenic Communicaiton Disorders and cognition. National* symposium on exploring areas of research in cognitive sciences. AIISH, Mysore, Karnataka. 30th June 2011 and 1st July 2011.

 **Dr. M. Pushpavathi:**

Pushpavathi, M. *Role of prosthodontist in management of cleft lip and palate.* Indocleft. Bangalore, Karnataka, 26th January 2012.

Gnanavel, K., Sahana, M., & Pushpavathi, M. *Effect of type of stimuli and type of cleft on speech intelligibility in individuals with cleft lip and palate.* Indocleft. Banglore, Karnataka, 27th January 2012

Indu, T., & Pushpavathi, M. *Can parents play an active role in early intervention program for children with clp??? An evidence based practice.* Indocleft. Banglore, Karnataka, 27th January 2012

Gopi, K., Navya, A., & Pushpavathi, M. *Effect of velopharyngeal port dynamics on voice quality and vocal efficiency.* Indocleft. Banglore, Karnataka, 27th January 2012

Navya, A., Sreedevi, N., Dakshayani, & Pushpavathi, M. *Effect of palatal lift prosthesis on duration of speech segments: A case study.* Indocleft. Banglore, Karnataka, 27th January 2012.

Saranya, V., Shailaja, S., & Pushpavathi, M. *Speech characteristics in rare craniofacial cleft.* Indocleft. Banglore, Karnataka, 27th January 2012.

 **Dr. Swapna.N**

Tithi, J., Sujitha, P. S., & Swapna, N. *An investigation into the relationship between anxiety and stuttering.* 44th ISHACON. Hyderabad, Andhra Pradesh, 20- 22nd January 2012.

Shylaja, K., Amulya, P. R., & Swapna, N**.** *Nonword repetition in children with specific learning disability.* FRSM. Gurgaon, Delhi. 18 -19th January 2012.

 **Mr. Pebbili Gopi Kishore**

GopiKishore, P., Varsha, J., & Shilpa, N. P. *Quantification of nasal air emissions in cleft and non-cleft individuals.* Indocleftcon. 26th – 27th January 2012.

GopiKishore, P., Navya, A., & Pushpavathi, M. *Effect of Laryngeal aerodynamics on vocal quality and vocal efficiency.* Indocleftcon. 26th – 27th January 2012.

 GopiKishore, P., Wishly, M., Jithin, J., & Pushpavathi, M. *Laryngeal aerodynamic analysis in Adult Indian population.* Frontiers of Research on Speech and Music- International symposium 19.1.12

GopiKishore, P., *Management of Hypofunctional voice disorders: Vocal fold paralysis.* National Seminar on Evidence Based Practice in the Management of Voice Disorders. 15th March 2012

1. **Research Papers Published**

**i) Papers Published in National /International Journals**

 **Dr. K.C. Shyamala:**

Ridhima, B., Pallavi, M., & Shyamala, K.C. (2011). Naming Deficits in Bilingual Aphasia. *In Proceedings of SCONLI-3*, (Eds: Narayan, C.and Gibu, S.), 13-23.

Sunil, K. R., & Shyamala, K. C. (2011). Dementia Assessment Battery-Kannada. *In Proceedings of SCONLI-3*, (Eds: Narayan, C. and Gibu, S.), 169-178.

Deepa, M. S., & Shyamala, K. C. (2011). Complex discourse production in Persons with Mild Dementia: Measures of richness of vocabulary. *Journal of All India Institute of Speech and Hearing,* 29, 12-22.

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Vishnu, N., Ranjini, R., Sapna, B., & Shyamala. K. C. (2011). Lexical Learning of Novel Words in Bi-Multilingual Children, *Journal of* *All India Institute of Speech and Hearing,* 30, 169-175.

 **Dr. R. Manjula**

Amulya, P. R., Sushma, M., Priyashri, S., & Manjula, R. (2012) Intonation in the WH and Y-N questions of mothers of hearing impaired: Influence of type of partner in communication. *Journal of All India Institute of Speech and Hearing*, 29 (2),269-282.

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Rasha, S. J., Vinni, C., Gayathri, K., & Manjula, R. (2012). Feeding difficulties in children with Failure To Thrive (FTT): Awareness of characteristics of FTT in urban and rural mothers / female caregivers. *Journal of All India Institute of Speech and Hearing,* 30, 52-66.

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 **Dr. M. Pushpavathi**

Indu, T., Jasmine, L., & Pushpavathi, M. (2011). Awareness of parents on the nature of cleft lip and palate : An exploratory study. *Journal of All India Institute of Speech and Hearing,* 30, 15-22.

Navya, A., Sreedevi, N., Dakshayani, M., & Pushpavathi, M. (2011).Effect of Palatal Prosthesis on Few Spectral Parameters of Speech in Cleft Lip and Palate: A case Study. *Journal of All India Institute of Speech and Hearing,* 30, 33-41.

 **Dr. Swapna.N**

Shylaja. K, Ansu Abraham, Grace Leela Thomas, & Swapna, N (2011). Nonword repetition in simultaneous and sequential bilinguals. *Journal of All India Institute of Speech & Hearing*, 30, No.1, 176-184.

 **Dr. Vasanthalakshmi**

Basavaraj, V., Venkatesan, S., Vasanthalakshmi, M.S., Purushotham, P. (2010). Pilot study on process evaluation of DHLS program conducted through real vis-à-vis virtual modes : 2007-08. Journal of All India Institute of Speech and Hearing, 29 (2), 283-292.

Vasudeva, R., & Vasanthalakshmi, M. S. (2010). Burr Distribution as limit distribution of Extremes of a random number of random variables. *mySCIENCe* Journal of the University of Mysore, IV (2), 120-129.

Thakur, J.S., Mohindroo, N.K, Vasanthalakshmi,M.S., Sharma, D.R, Azad, R.K, Kashyap, N (2012). Auditory Brainstem evoked responses in hyperlipidaemia: effect of various lipid fractions on auditory function.*The journal of Laryngology and Otology,126, 249-256.*

ii) **Papers Published in Conference/Seminar Proceedings**.

 **Dr. K. C. Shyamala**

Ridhima, B., Pallavi, M., & Shyamala, K.C. (2011). *Naming Deficits in Bilingual Aphasia.* In *Proceedings of SCONLI-3*, *New Delhi.*

Sunil, K. R., & Shyamala,.K. C. (2011). *Dementia Assessment Battery-Kannada.* In *Proceedings of SCONLI-3*, *New Delhi.*

*Shyamala, K. C. (2012). Language and Communication in Dementias: Characteristics, Evaluation and Differential Diagnosis.* In *Pre-conference Continuing Education program proceedings of 44th ISHACON, Hyderabad, 19th January 2012.*

 **Dr. Pushpavathi**

Anjali, M., Shafna, J., Jasmine, L., & Pushpavathi, M. (2011). *Correlation of the voice related quality of life and voice handicap Index.* In *Proceedings of the International Symposium – FRSM, Gurgaon, 9-12th March.*

Gopishankar,& Pushpavathi, M. (2011). *An Acoustic study of sibilant/s/ in individual with cleft lip and palate.* In *proceedings of Frontiers of Research on Speech and Music, Gurgaon, New Delhi.*

Gnanavel, K., Sahana, M., Gopisankar, R., & Pushpavathi, M. (2011). *Influence of vowels on consonants in nasalence values of individuals with submucus cleft palate*. In *proceedings of Frontiers of Research on Speech and Music, Gurgaon, New Delhi.*

Usha Rani, K., Swathi, R., & Pushpavathi, M. (2011). *Nasalance measures across speech tasks in Telugu.* In *proceedings of Frontiers of Research on Speech and Music, Gurgaon, New Delhi.*

 **Dr. N. Swapna**

Shailaja, K. Amulya, P. R., & Swapna, M. Nonword repetition in children with specific learning disability. In Proceedings of the FRSM conference, Gurgaon, 18-19th January, 2012.

1. **Research Papers in Press :Nil**
2. **Books Published:Nil**
3. **Book Chapters Published :Nil**
4. **Books in Press :Nil**
5. **Books/Seminar Proceedings Edited :Nil**
6. **Scholarly Reviewing Activities: Nil**
7. **Reviewer for Scholarly Journals**
8. **Reviewer for Scholarly Conference Papers**
9. **Reviewer for Research Projects**

**III.Clinical Services**

1. **General Clinical Services**
2. **Speech and Language Assessment**
3. **Speech and Language Rehabilitation**
4. **Hearing Evaluation**
5. **Hearing Aid Trial**
6. **Hearing Aid Dispensing**
7. **Psychological Evaluation**
8. **Counseling and Guidance**
9. **Ear Moulds**
10. **Hearing Aid Issue and Electro-Acoustic Evaluation (ADIP Scheme, Ministry of Social justice)**
11. **AIISH Hearing Aid Dispensing Scheme**
12. **Specialized Clinical Services**
13. **Augmentative and Alternative Communication (AAC) Unit**

|  |  |
| --- | --- |
| **Details** | **Total No. of cases**  |
| New cases evaluated | 25 |
| Evaluation Sessions | 28 |
| Therapy cases seen | 269 |
| Therapy Sessions | 1458 |
| D.T. Cases | 2 |
| Home training cases | 1 |
| Discharged | 23 |

1. **Autism Spectrum Disorder Unit**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of cases evaluated | 253 |
| No. of assessment sessions | 199 |
| No. of therapy cases | 700 |
| No. of therapy sessions | 3163 |
| No. of D.T. cases | 8 |
| No. of cases discharged | 2 |
| No. of cases discontinued | 0 |
| No. of Hindi cases | 33 |

**Occupational Therapy section of ASD Unit**

|  |  |
| --- | --- |
| Details | **Total** |
| No. of cases evaluated | 166 |
| No. of assessment sessions | 213 |
| No. of therapy cases | 1248 |
| No. of therapy sessions | 3782 |
| No. of D.T. cases | 583 |
| No. of cases discharged | 13 |
| No. of cases discontinued | 17 |
| No. of cases re-evaluated | 125 |

1. **Fluency Unit**
2. **Learning Disability Clinic**
3. **Listening Training Unit**
4. **Neuromotor Speech Disorder Unit**

|  |  |
| --- | --- |
| **Details** | **Total no.** |
| Assessment by the team (new clients) | 9 |
| Intervention (given activities for home training) by the team (new clients) | 13 |
| Follow up intervention sessions | 9 |
| Counseling | 13 |
| Material development | Translation of pamphlets into Malayalam and Kannada  |

1. **Pre-School Training and Special education**
2. **Professional Voice Care Unit**
3. **U-SOFA**

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| Diagnostics  |  |  |
| No. of clients evaluated by plastic surgeon  | 136 | 34 |
| No. of clients evaluated by prosthodontist | 14 | 11 |
| No of cases seen by orthodontist  | 40 | 14 |
|  Rehabilitation Recommended  |  |  |
| No of cases recommended for orthodontic treatment  | 33 | 8 |
| No. of clients recommended for surgery | 30 | 7 |
| No. of clients recommended for speech therapy | 80 | 23 |
| No. of client recommended for Prosthesis | 20 | 6 |
| **Details of rehabilitation**  |  |  |
| No. of session taken for preparation of prosthesis | 28 | 14 |
| No. of speech prosthesis prepared | 9 | 2 |
| No. of cases attended speech and lang. therapy | 137 | 34 |
|  Total No of cases attended Demonstration therapy  | 45 | 6 |
| No of sessions ( D.T )  | 437 | 97 |
| No of speech and language therapy sessions held | 944 | 208 |

1. **Vertigo Clinic**
2. **Clinical Support Services to Patients and Family**

**i) Details of Certificates Issued**

**ii) Financial Aid**

**iii) Legal advice**

**iv) Any other**

1. **Clinical Electronic Services**

**i) Electro-Acoustic Evaluation**

**ii) Hearing Aid Dispensing**

**iii) Repair of Hearing Aids**

**IV. Extension Activities**

1. **Rehabilitation and Education through Distance Mode**
2. **Prevention of Communication Disorders**
3. **Communication Disorders Screening Camps**
4. **Orientation Programs**
5. **Public Lecture Series**

 **V.Technological Consultancy Services**

**VI.Central Facilities**

1. **Library and Information Services**
2. **Public Information Activities**
3. **Major Events of the Year with a brief account**
4. **Press Releases and Media Coverage**
5. **Details of Institute Publications during the year**
6. **Material Development**

**VII.Awards and Honors Received by Faculty and Staff**

* M. Pushpavathi, Navya, Sreedevi, Dakshayani: Presented scientific paper entitled "influence of palatal obturation on acoustic measures of speech: a case study" at the 4th National women’s science congress held at Bangalore, India, from 07th – 09th November, 2011. Awarded Best paper presentation
* Mrs. Vasantha Lakshmi M. S. was Awarded the degree of Doctor of Philosophy (Ph.D.) in Statistics by the University of Mysore on 26-03-2012

**VIII.Extra Curricular Activities**

1. **AIISH GYMKHANA**
2. **NSS**
3. **OTHERS**

Ix.**MAJOR EVENTS OF THE** **YEAR**

x. **Eminent Visitors**

* Dr. Theresea Estrem, Associate Prof. St.Cloud State University, MN, USA.
* Dr. Sian A. Rees, Director SHIPS Project, Bristol, UK

XI.**Any Other**

**Dr. K.C.Shyamala**

* BOE works of Kerala unit of Health & allied sciences
* Ph.D evaluation of Banaras Hindu University was conducted
* Served as chief superintendent of DHLS Mid Term exams from 2.1.12 to 4.2.12 and 9.2.12

**Ms. Jayashree Shanbal**

* Organized farewell function to outgoing students on 23rd June 2011 as part of AIISH Gymkhana activity.
* Attended meeting as Member Secretary for Rapporteuring committee for National Symposium on Exploring Research in the areas of Cognitive Science on 24.6.2011

Presented new project proposals on 15.6.2011 and 17.6.2011

* Arrangement for inauguration of LD Clinic for Annual day function
* Preparation of ELST manual for release on Annual day

 **HOD-Speech-Language Pathology**