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

**DEPARTMENT OF SPEECH-LANGUAGE SCIENCES**

No.SH/SLS/AR/2012-13 19.04.2012

**Submitted to the Director:**

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

Ref: Circular No. SH/LIC/AR/2011-12 dated 02.4.2012

With reference to the above, please find enclosed the Material for Annual Report for the year 2011-12 in the prescribed format.

HOD, Speech-Language Sciences

**ANNUAL REPORT 2011-12**

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

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| **Theme/Topic** | Normal Voice Production, Assessment of voice and issues in professional voice |
| **Coordinator** | Ms. K.Yeshoda Mr. Rajasudhakar, Mr. T.Jayakumar, Mr. Sachin L.C. Mrs. Sarika Khurana & Ms. Sahana. V |
| **Objectives** | Orientation about the departmental activities and various software used for Speech Language Analysis |
| **Targeted Audience** | University of UTAH, The Netherlands |
| **Number of Participants** | 3 |
| **Date** | 18 to 22nd April 2011 |

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| **Theme/Topic** | Short term training on |
| **Objectives** | Orientation about the departmental activities and various software used for Speech Language Analysis |
| **Coordinators** | Mr. Rajasudhakar, Mr. T.Jayakumar, Mr. Sachin L.C. Mrs. Sarika Khurana & Ms. Sahana. V |
| **Targeted Audience** | PG student from KIMS, Hubli , KVG Medical college, Sullia(D.K), DUMC Medical College, Kolar, MMC Mysore |
| **Number of Participants** | 9 |
| **Date** | 06.04.11, 19.8.11, 21.9.11, 20.10.11, 11.11.11, 18.11.11, 20.12.11 and 21.12.11 |

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| **Theme/Topic** | Short term training on Instrumentation in evaluation of voice & speech disorders |
| **Coordinators** | Staff and research fellows of the department |
| **Objectives** | Orientation on voice & speech disorders |
| **Targeted Audience** | ENT doctors (NPPCD) |
| **Number of Participants** | 08 |
| **Date** | 13th May 2011 |

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| **Theme/Topic** | Short term training on |
| **Objectives** | Synthesis of syllables |
| **Coordinator** | Mr. T. Jayakumar |
| **Targeted Audience** | M.Sc. (SLP) |
| **Number of Participants** | 1 Masters student |
| **Date** | 23rd and 24th February, 2012 |

1. **Orientation Programs**

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| **Theme/Topic** | ‘Conservation of Voice’ |
| **Coordinator** | Mr. Rajasudhakar. R, Sachin.L.C. Mr. T.Jayakumar |
| **Objectives** | To create awareness on voice production and conservation of voice to prospective teachers |
| **Target Audience** | B. Ed student teacher trainees of Ramakrishna Institute of Moral and Spiritual Education, Mysore |
| **No. of Participants** | 79 |
| **Date** | 20/4/11 |

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| **Theme/Topic** | Orientation Program on “Conservation of Voice |
| **Coordinator** | Ms. K. Yeshoda, Sachin.L.C. Mr. T.Jayakumar |
| **Objectives** | Sensitization about  - causes of voice problems  vocal hygiene & voice conservation |
| **Target Audience** | B.Music students from University Fine Arts College, Mysore |
| **No. of participants** | 20 |
| **Date** | 14th Feb. 2012 |

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| **Theme/Topic** | Orientation Program on “Conservation of Voice |
| **Coordinator** | Mr. T.Jayakumar, Mr. Rajasudhakar. R, Sachin.L.C. |
| **Objectives** | To create awareness on voice production and conservation of voice to prospective teachers |
| **Target Audience** | B. Ed student teacher trainees of Ramakrishna Institute of Moral and Spiritual Education, Mysore |
| **No. of participants** | 80 |
| **Date** | 27th Mar 2012 |

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| **Theme/Topic** | 1. Introduction regarding objectives and functions of AIISH  2. Forensic Speaker Identification methods and Recording Procedures |
| **Coordinator** | Ms. K.Yeshoda |
| **Objectives** | Sensitization regarding FSI |
| **Targeted Audience** | DySP & DySE trainees from Karnataka Police Academy, Mysore |
| **Number of Participants** | 26 |
| **Date** | 15th June 2011 |

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| **Theme/Topic** | Forensic Speaker Identification & Verification |
| **Coordinator** | Ms. K.Yeshoda |
| **Objectives** | Sensitization reg. existing methods of FSI&V |
| **Targeted Audience** | Staff from TRUTH LAB, a private forensic organization |
| **Number of Participants** | 2 |
| **Date** | 19th Sept 2011 |

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

1. **Seminars/Conferences/Workshops organized**

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| --- | --- |
| **Theme/Topic** | National Symposium on Cognitive Sciences |
| **Coordinator** | Dr. K.S.Prema |
| **Objectives** | To develop themes for research in cognitive sciences |
| **Target Audience** | Professionals, Students from speech and hearing and other related disciplines |
| **No. of Participants** | - |
| **Date** | 30-06-2011 and 01-07-2011 |

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| **Theme/Topic** | National WS on Forensic Speaker Identification |
| **Coordinator** | Dr. Y.V. Geetha |
| **Objectives** | To train scientists working in forensic laboratories, and speech pathologists on forensic speaker identification |
| **Target Audience** | SLPs and Scientists from forensic labs |
| **No. of Participants** | 10 |
| **Date** | April 11 to 14- 2011 |

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| **Theme/Topic** | National Seminar on Fluency Disorders |
| **Coordinator** | Dr. Y.V. Geetha |
| **Objectives** | To provide an overview of the recent advances and challenges in the assessment and management of Fluency disorders to the participants |
| **Target Audience** | SLPs and PG Students |
| **No. of Participants** | 150 |
| **Date** | 16.3.2012 |

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| **Theme/Topic** | National Seminar on Evidence Based Practice in Voice Disorders |
| **Coordinator** | Ms. K. Yeshoda |
| **Objectives** | To provide an overview of the recent advances in the theoretical and practical issues in the management of Voice disorders to the participants |
| **Target Audience** | SLPs and PG Students |
| **No. of Participants** | 150 |
| **Date** | 15.3.2012 |

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| **Theme/Topic** | National workshop on phonological disorders: clinical perspective |
| **Coordinator** | Dr. N. Sreedevi |
| **Objectives** | To discuss issues related to assessment and management of phonological disorders and to bring about a consensus to follow common protocol among the professionals |
| **Target Audience** | SLPs and Linguists |
| **No. of Participants** | 150 |
| **Date** | 6.1.12 |

**Seminars/Conferences/Workshops Attended**

**Dr. Y.V.Geetha**

* Participated in 3 day International Symposium on “Research in Child Language Disorders” University of Wisconsin, Madison, USA from 9th June to 11th June 2011
* Participated in 9th Oxford Dysfluency Conference from September 1-4, 2011 at Oxford, London

1. **Guest Lectures**

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| **Name, Designation and Institutional Affiliation of Lecturer** | Dr. G.N.Rangamani, Professor, St. Cloud State University, U.S.A |
| **Topic of Lecture** | Cognitive-linguistic assessment in individuals with Aphasia |
| **Date** | 30/4/11 |

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| **Name, Designation and Institutional Affiliation of Lecturer** | Dr. Alexie Kochetov, Assistant Professor, University of Toranto |
| **Topic of Lecture** | Orientation and demonstration program on ultrasound for articulatory analysis |
| **Date** | 15th and 16th Feb |

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| **Name, Designation and Institutional Affiliation of Lecturer** | Dr. Alexie Kochetov, Assistant Professor, University of Toranto |
| **Topic of Lecture** | Orientation program on use of Electropalatography for articulatory analysis |
| **Date** | 8.12.2011 |

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

**Dr. Savithri.S.R.**

* Delivered a lecture on “Aural perceptual speaker identification” in the National Workshop on Forensic Speaker Identification held from April 11-14, 2011
* Delivered a lecture on “*Introduction to Fluency & its disorders” in the* National Seminar on Fluency Disorders held on 16.3.2012

**Dr. Prema.K.S.**

* + - Organized and presented AIR Media program for parent group and

professionals from AIISH for state-wide broadcast through Bandhani

program on 09-06-2011

* + - Served as resource person for IERT’s under SSA, Karnataka. Delivered lecture on ‘Sensitivity training program on academic problems in primary school children” On 02-02-2012
    - Cognition and Literacy: Issues for research in the Indian context’ Plenary talk delivered in the National symposium on Cognitive Sciences on 12-05-2011
    - Prevention and early identification of learning disability’ delivered at the Atomic Energy School, Mysore on 12-05-2011

**Dr. Y.V.Geetha**

* Delivered a lecture on Recent theoretical perspectives on stuttering in the National Seminar on Fluency disorders on 16th March 2012
* Gave orientation talk on “The role of teachers in the management of stuttering in classroom” to 150 B.Ed trainees on 24.10.2010 on account of International Stuttering Awareness Day

**Ms.K.Yeshoda**

* Delivered lecture on Forensic Speaker Identification: Methods and Pattern Matching techniques & Recording Procedures at BPRD, New Delhi on 2nd Nov 2011, 25th Nov 2011, 26th Nov 2011
* Delivered lecture on Introduction to speech and language, Methods of Forensic Speaker Identification, Recording Procedures at BPRD, New Delhi on 20th Jan. 2012
* Delivered a lecture on *Nonorganic Voice Disorders* in the National Seminar on Evidence Based Practice in the Management of Voice Disorders on 15th Mar. 2012

**Dr. N.Sreedevi**

* Assessment of Phonological Disorders at the “ National workshop on Phonological Disorders: Clinical perspectives” on 6.1.2012
* Delivered a lecture on “ remedial measures for misarticulation in children with special needs” for parents of the AIISH preschool children on 8.3.2012

**Dr. Santosh M**

* Delivered a lecture on Challenges in management of stuttering in the National Seminar on Fluency disorders on 16th March 2012

1. **Curriculum Development**

**Prof. Prema K.S.:**

Development of curriculum for speech and language transcription through ARF project

1. **Development of Materials to Support Learning**

**Dr. Prema K.S.**

Development of text-based and audio-video materials for

1. Phonological awareness training for children ‘at-risk’ for literacy failures
2. Text-based and audio-based material for speech language transcription
3. Edited manuals developed by course writers on speech language disorders, measures, transcription and its significance
4. Compilation of proceedings of ‘National Symposium on cognitive sciences’

Dr. Y.V.Geetha

Released a CD on proceedings on “National Seminar on Fluency Disorders” on 16.3.12

Dr. N.Sreedevi

Released a CD on proceedings on “National Seminar on phonological disorders: Clinical perspectives” on 06.01.2012

1. **Service in Academic bodies of other organizations**
2. **Membership in professional organizations**
3. **Participation in Committees/ Taskforces and Panels set up by other organizations/agencies.**
4. **Any Other**

**Dr. Savithri.S.R.**

* HOD, CRE(D)-M
* Member of Editorial Board JAIISH
* Member BOS (Sp & Hg) UOM, Mysore
* Chairperson, AIISH Land records
* Recruitment Rules committee, Chairperson
* Chief Vigilance Officer
* Selection committee, Member
* Auction committee Chairperson
* Building Committee Member
* CBCS meeting on 3.11.2010
* Prepared MACP for administrative staff – Chairperson of the committee

**Dr. K.S.Prema**

* + - Chairperson, Scientific Committee for the National Symposium on exploring areas of research in Cognitive Science to be held on 30.6.2011 & 01.7.2011
    - Member of BOE, Mysore University
* Member of International Reading Association, USA
* Life member of Dravidian Linguistic Association
* Life member of Indian Speech and Hearing Association
* Board of Member: JAIISH (ISSN 0973-662X)
* Editorial Board Member of IJOAL and LF Journals
* Member of ‘Fulbright State Alumni Association’
* Member of ‘Women in Science’.
* Member of Internal Research Committee for evaluation/review of ARF project proposals
* HOD-Special Education
* Member of Ph.D Colloquium committee at AIISH
* Member of BOS (Ed)-PG, UOM
* Member of Specialty Clinics at AIISH-ASD Unit and LD Unit since 08-11-2011.
* Member of core committee to plan quasi distance mode PG Program in speech language and hearing since 08-11-2011
* Member of committee for establishment of digital speech language and hearing encyclopedia since 08-11-2011
* Member of BOE for M.S.Ed (HI) and B.S.Ed (HI) composite Board, May-June, 2011; Nov-Dec, 2011; June-July, 2012 & Jan-0Feb, 2012
* Nominated as member of Committee for Internal Quality Assurance Mechanism, Feedback and Publications of AIISH
* Facilitation of Fulbright Visiting Scholar’s work
* Conducted Scientific sessions and served as a Moderator for the Panel held in view of NSCS on 30-06-2011 and 01-07-2011.
* Course coordinator for DTYDHH course
* 12-12-2011: Served as Internal valuer for PG Scripts at the UOM
* 12-12-2011: Served as Member of ARF Review Committee
* Nominated as Coordinator, M.Ed SE (HI), IGNOU through distance mode
* Member of Steering Committee for Self Study report for NAAC at AIISH
* Co-guide for Mr. Rasheed A.M.Saleh, Doctoral candidate, Kuvempu annada Adhyana Samsthe, UOM
* Member of Editorial Committee, Journal of Research in Innovative Teaching, National University Journal, USA

**Dr. Y.V. Geetha:**

* Head of the Dept of Speech-Language Sciences
* Member of Editorial Board JAIISH
* Member of the sexual harassment committee
* Vice President of AIISH Gymkhana for 2010-11
* Member of Fluency Unit
* Chairperson of Professional Voice Care unit
* Chairperson of Newsletter committee
* Member secretary for Internal Research committee for evaluation and review of ARF projects
* Member of committee for establishment of digital speech, language and hearing encyclopedia from Nov 2010
* Member of Doctoral committee for 5 Ph D fellows
* Member of BOE M’lore Univ
* Member of BOE, Mysore University
* Chairperson of Registration Committee for National Conference on Cognitive and communication disorder
* Panel of examiners for PhD Program in Manipal Deemed University
* Member, PG entrance paper setting
* Member, Purchase committee meeting on 14.2.2012
* Member of PhD students selection committee
* Coordinator & Organizing Secretary of the National seminar on Fluency Disorders on 16th March 2012
* Organized guest lecture by Dr. Alexie K. on Clinical Linguistics for staff and students on 8.12.11

**Ms. K.Yeshoda**

* Coordinator, Journal Committee - Release of JAIISH, Vol. 30, 2011 edition on 3rd Feb 2012 by Dr. B. D. Athani, DGHS, GOI and Sri. Keshav Desiraju, Addl Secretary, MH&FW, GOI
* Mentor, II M. Sc (SLP) students
* Mentor, II B. Sc students
* Member, Professional Voice Care Center
* Member of the Committee for the Conduct of Entrance Examination 2011 for admission to I years of BASLP and M.Sc. (SLP) and M.Sc. (Aud).
* 1000 copies received, taken into stock and certification formalities completed
* Member of the Scientific Committee for the conduct of National Symposium on Emerging Areas in Cognitive Sciences (NSEACS) from 30th June to 1st July 2011
* Member Secretary of Exhibition Committee for AIISH Open Day 2011
* Member of the Selection Committee for selection of the candidates for the posts of Stenographers, DTP Operators and Administrative Assistants interview conducted on the 28th Oct 2011
* Nominated Chairperson of the Professional Voice Care Center
  + - Revision of 2 PE pamphlets regarding voice care and vocal hygiene
* Nominated Internship Coordinator and Placement Cell Incharge

**Dr. N. Sreedevi:**

* Officiatied as AIISH Ladies Hostel Warden
* Carried out all the routine duties of the hostel
* Worked on the forensic voice analysis of the case from Bellary
* Co-ordinated the conduction of 2 orientation lectures on Ultrasound for speech analysis by Dr. Alexei Kochetov on 16th and 17th of Feb 2012
* Member of BOE Mysore Univ
* Member of BOE M’lore Univ
* Member of BOE B’lore Univ
* Member of BOE Kannur Univ
* Member of BOE Kerala Univ
* Member of BOE SRMC, Porur, Chennai
* Member secretary, Registration Committee for the National Symposium on exploring areas of research in Cognitive Science to be held on 30.6.2011 & 01.7.2011
* Life member of Indian Speech and Hearing Association
* Member of Ph.D candidates Selection committee at AIISH
* Served as Internal valuer for PG Scripts at the UOM
* Served as valuer for UG Scripts at the UOM
* Chairperson, Accommodation Committee for AIISH Open Day 2011
* Member of the Selection Committee for selection of the candidates for the posts of Junior technical Officer, Asst Medical records officer, Driver Grade II, Ear Mould Technician, Multi Rehabilitation Worker
* Coordinator & Organizing Secretary of the National workshop on Phonological Disorders: Clinical perspectives on 6th Jan 2012

**Mr. R. Rajasudhakar:**

* Member, Professional Voice Care Center
* Asst. Hostel Warden, AIISH gents Hostel

**Dr. Santosh. M:**

* Member of Fluency Unit

**Ms. Sahana**

* Member, Cuhoo Cuhoo Committee

II. **Research Activities**

1. **Research Projects**

**i) Completed Research Projects**

**Dr. K.S.Prema**

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| **Title** | Development of Test for Assessment of Bilingual Proficiency through Lexical Priming Task |
| **Objectives** | 1. To develop a Language Proficiency test for Kannada -English Bilingual adults on the principle of primed LDT. 2. To compare the performance of primed lexical decision in each of the Languages of the Bilinguals (Kannada -English). 3. To compare performance of participants on self assessment questionnaire and primed LDT. 4. To develop a yardstick for quick and objective online measurement of language proficiency. |
| **Investigators** | Dr. K.S. Prema (PI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 2, 58, 000/- |

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| **Title** | Phonological Sensitivity Training Kit (PhoST-K) in Kannada |
| **Objectives** | 1. To develop a Language Proficiency test for Kannada -English Bilingual adults on the principle of primed LDT. 2. To compare the performance of primed lexical decision in each of the Languages of the Bilinguals (Kannada -English). 3. To compare performance of participants on self assessment questionnaire and primed LDT. 4. To develop a yardstick for quick and objective online measurement of language proficiency |
| **Investigators** | Dr. K.S. Prema (PI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4, 64, 000/- |

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| **Title** | Development & Evaluation of curriculum for speech-language transcription |
| **Objectives** | * To develop a Language Proficiency test for Kannada -English Bilingual adults on the principle of primed LDT. * To compare the performance of primed lexical decision in each of the Languages of the Bilinguals (Kannada -English). * To compare performance of participants on self assessment questionnaire and primed LDT. * To develop a yardstick for quick and objective online measurement of language proficiency. |
| **Investigators** | Dr. K.S. Prema (PI), Dr. Peribhaskar Rao (CI), University of Tokyo, Japan |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3, 94, 000/- |

**Dr.Y.V.Geetha**

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| **Title** | Patterns of recovery in CWS |
| **Objectives** | The objectives of the project are to determine with reasonable accuracy the proportion of children who persist in stuttering and those who recovery of their own accord (spontaneous recovery),  to determine the treatment related factors contributing to recovery in CWS and isolating factors that govern or influence persistency and remission |
| **Investigators** | Dr. Y.V. Geetha (PI)  Ms. Sangeetha Mahesh(CI) |
| **Funding Source** | ARF |
| **Grant Amount** | 4.71 lakhs |

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| **Title** | Variables contributing to Relapses in Individuals With Stuttering |
| **Objectives** | The main objectives of the study include:   * To identify the proportion of children and adult PWS who exhibit relapses * To identify the nature of such relapses such as whether it is complete or partial, probable duration after which relapses occur, * To identify the factors contributing to relapses in the management of PWS such as severity, chronicity of the problem, family history, gender, rate of speech etc. |
| **Investigators** | Dr. Y.V. Geetha (PI)  Ms. Sangeetha Mahesh (CI)  Mr. Sachin L.C. (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | 4.71 lakhs |

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| **Title** | Treatment efficacy with Response Cost for CWS |
| **Objectives** | The objectives were:  To determine the effectiveness of response cost method and its long term effects in subgroups of children with stuttering.  To determine the possible client related variables influencing stuttering therapy outcome. |
| **Investigators** | Ms. Sangeetha Mahesh (PI)  Dr. Y.V. Geetha (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | 4.44 lakhs |

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| **Title** | Computer based assessment of phonological processes in Malayalam (CAPP-M) |
| **Objectives** | Based on the normative data collected to develop a computer-based software for analyzing the phonological processes in native Malayalam-speaking children in the age range of 2-3 years |
| **Investigators** | Dr. N. Sreedevi(PI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4,81,000/- |

**ii) New Research Projects (Initiated during 2011-12)**

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| **Title** | Cortical auditory evoked potentials as a measure of central auditory development in children with hearing impaired. |
| **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** | Vijay Kumar Narne (PI) & Mr. Jayakumar (Co-PI), Dr. N. Swapna (Co-PI) |
| **Funding Source** | DST |
| **Grant Amount** | 28,37,200/- |

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| **itle** | Investigations of speech rhythm in stuttering individuals: Understanding its nature, fluency inducing conditions and effect of treatment |
| **Objectives** | 1. To investigate whether stutterers differ from non stutterers on the measures of speech rhythm 2. To investigate whether different fluency inducing conditions have any effect on the speech rhythm of stutterers 3. To investigate whether prolongation therapy brings changes in speech rhythm of stutterers |
| **Investigators** | Dr. Santosh M (PI)  Sahana V (CI), |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 2, 94, 000/- |

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| **Title** | Intervention module for the management of speech and language skills for individuals with Cerebral palsy |
| **Objectives** | The main objective is to prepare modules for intervention for 10 skills (Sensory, motor, speech, language, social, cognition, pre-reading. writing, arithmetic and play) in preschool children in the age range of 0-3 years |
| **Investigators** | Dr. N. Swapna, Dr. R. Manjula, Dr. Y.V. Geetha |
| **Funding Source** | ARF |
| **Grant Amount** | 5.72 lakhs |

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| **Title** | Frequency of occurrence of phonemes in Kannada’. |
| **Objectives** | To obtain a database with the occurrence of various phonemes in Kannada and from this to calculate the frequency of occurrence of each phoneme |
| **Investigators** | Dr. N.Sreedevi (PI), Smitha Nair |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3,20,000/- |

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| **Title** | Behavioral correlates of P300 response to voice onset time (VOT) and place of articulation continuum in Kannada and Hindi speaking individuals |
| **Objectives** | To investigate the behavioral response for VOT and place of articulation continuum in Kannada & Hindi speakers and their relation with P300 response |
| **Investigators** | Mr. Jayakumar (PI) & Mr. Vijay Kumar Narne (Co-PI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 2.94 lakhs |
| **Title** | Voice Characteristics of Partial Laryngectomy |
| **Objectives** | To find the acoustic characteristics, perceptual ratings and differences in EGG of Partial Laryngectomy Patients |
| **Investigators** | Mr. Sachin. L. C (PI) & Mr. Rajasudhakar. R (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.18 lakhs. |

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| **Title** | Clinical Evaluation of Language Fundamentals- Preschool (2nd Edition) for Kannada-speaking English Language Learners |
| **Objectives** | To adapt and standardize the clinical evaluation of language fundamentals in Kannada and English for Kannada-speaking English language learners in the age range of 3-6 years |
| **Investigators** | Sarika Khurana, (PI), Priya M. B (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.06 lakhs. |

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| **Title** | An Articulator y study of Kannada consonants: Co-articulation and speech errors |
| **Objectives** | To investigate the co-articulation of Kannada retroflex consonants using articulatory tracking (EMA) and imaging (ultrasound) techniques |
| **Investigators** | Dr. N. Sreedevi (PI), Alexie Kochetov (Co-PI), Dr. R.Manjula (Co-investigator), |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.15 lakhs. |

iii) **Ongoing Research Projects**

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| **Title** | Development of speech Rhythm in Kannada speaking children |
| **Objectives** | To investigate the development of speech rhythm in Kannada speaking children |
| **Investigators** | Dr. S.R.Savithri (PI) & Dr. N. Sreedevi (CI) |
| **Funding Source** | DST |
| **Grant Amount** | Rs. 19 lakhs |

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| **Title** | Effects of semantic and syntactic treatments in bilingual stroke survivors |
| **Objectives** | To Study the influence and effectiveness of cognitive linguistic model – based syntactic and semantic treatments in Kannada-English bilinguals and to establish normative data on some linguistic parameters in the realm of semantics and syntax |
| **Investigators** | Dr. G.N.Rangamani and Dr. K.S. Prema |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4.94 lakhs |

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| **Title** | Digital tutorial for prereading skills (a Supplement to the intervention module for preschool children with communication disorders) |
| **Objectives** | * To develop a video tutorial as a supplement to the manual to enhance pre-reading skills * To evaluate the efficacy of the digital tutorial in training the special educators, SLP‘s and Parents/Caregivers in pre reading skills for children with special needs. |
| **Investigators** | Dr. Swapna N. & Dr. Prema K.S. (P.I’s)  Dr. Y.V.Geetha (Co-P.I) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 5.41 lakhs |

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| **Title** | Development and evaluation of center-based service delivery model for children with learning disability |
| **Objectives** | **Development/compilation of text/audio/ video/digital resources:**  To create public awareness on LD amongst different groups in the society including parents, teachers, medical practitioners, school administrations, NGOs, etc.  Training policy makers, heads of schools, special educators and regular teachers on the significance of imparting specialized training in classroom set-up for children at-risk/or those identified as having learning disability  Compilation of Tests and tools for early identification through screening and diagnostic procedures (including identification of subtypes of children with LD)  To finalize the resources for center-based service delivery on the principles of RTI for children with LD |
| **Investigators** | Dr. K.S.Prema  Ms. Jayashree Shanbal |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4.99 lakhs |

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| **Title** | Language proficiency in Hindi-English bilinguals: Cross language study |
| **Objectives** | To develop digitized test to assess language proficiency in Hindi-English bilingual adult speakers |
| **Investigators** | Dr. K.S Prema |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4.94 lakhs |

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| --- | --- |
| **Title** | Efficiency of multidisciplinary preparatory services of AIISH in mainstreaming children with communication disorder |
| **Objectives** | To survey the impact of multidisciplinary early intervention services offered at AIISH on the current school performance of children with different kinds of communication disorders. |
| **Investigators** | Dr. N. Sreedevi, (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.32 lakhs |

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| --- | --- |
| **Title** | Phonetic Characteristics of Babbling in Kannada |
| **Objectives** | To trace the phonetic development of babbling longitudinally in infants from Kannada speaking homes from the age of 3 months to 12 months |
| **Investigators** | Dr. N. Sreedevi  (PI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.80 lakhs |

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| --- | --- |
| **Title** | Effect of palatal obturator on speech |
| **Objectives** | To study the effect of using a palatal obturator with and without speech therapy on the speech characteristics of a case with submucus cleft palate |
| **Investigators** | Dr. N. Sreedevi (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 4.98 lakhs |

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| --- | --- |
| **Title** | Measurements of vocal doses using ambulatory phonation monitor (APM) in primary school teachers |
| **Objectives** | The aim of the project is to measure and document the three vocal doses. The objectives of the project are to measure (a) time dose, (b) cycle dose and (c) distance dose for daily and weekly vocalization of primary school teachers |
| **Investigators** | Mr. R. Rajasudhakar (PI) Mr. L. C. Sachin (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.23 lakhs |

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| --- | --- |
| **Title** | Neuro - physiology correlates of voice onset time in Kannada and Tamil speaking individual using N1 evoked potential |
| **Objectives** | (a) the behavioral response for VOT continuum in native Kannada and Tamil speakers, (b) The neuro-physiological changes for VOT continuum in native Kannada and Tamil speakers, (c) the existence and the reliability of double peak (morphological change in N1) with the change in stimulus property, (d) the behavioral and neuro-physiological response differences in two Dravidian languages (Kannada\* and Tamil$), and (e) the neuro-physiological changes for non-speech stimuli that mimic the speech stimuli. |
| **Investigators** | Jayakumar T (PI) & Vijaya Kumar Narne (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs. 3.23 lakhs. |

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| --- | --- |
| **Title** | Auditory processing in person with stuttering: using non-linguistic and linguistic stimulus |
| **Objectives** | To investigate the degree of auditory processing ability in AWS with complex non-linguistic speech like stimulus and simple speech stimulus |
| **Investigators** | Jayakumar T (PI), Geetha Y V (CI) & Vijaya kumar Narne (CI) |
| **Funding Source** | ARF |
| **Grant Amount** | Rs 3,23,000 |

1. **Doctoral and Post Doctoral Programs**
2. **Degree Awarded**

|  |  |  |
| --- | --- | --- |
| **Name of the Candidate** | **Title** | **Guide** |
| Ms. Jayashree Shanbal | Acquisition of biliteracy in children | Dr. K.S. Prema |

1. **Thesis Submitted**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Candidate** | **Title** | **Guide** | **Status** |
| K. Yeshoda | Importance of Some Spectral and Temporal Parameters in Speaker Identification | Dr. M. Jayaram | Submitted |
| Jayakumar T | Voice characteristics in monozygotic twins | Dr. S.R. Savithri | Submitted in December 2011 |
| Sarika K. | Development of Emergent literacy in Kannada speaking English Language learners | Dr. K.S. Prema | Submitted in December 2011 |
| Mahalakshmi P. | Development of spoken language lexical corpora in Kannada | Dr. K.S. Prema | Post-doctoral thesis report submitted. Valuation report awaited. |

1. **Under Progress**

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| --- | --- | --- | --- |
| **Name of the Candidate** | **Title** | **Guide** | **Status** |
| Abhishek | Lexical-Semantic Processing in Persons with Bilingual Aphasia | Dr. K.S.Prema | Work is in progress |
| *Anjana. B. R.* | *Disfluencies in 2.1-6 year old Kannada speaking children* | *Dr. S.R. Savithri* | *Ongoing* |
| Kuppuraj | Relationship between Procedural Memory Deficits and Specific Language Impairment: An Exploratory Study | Dr. K.S. Prema | Work is in progress |
| Prarthana | Mental lexicon of nouns and verbs in adult speakers of Kannada | Dr. K.S. Prema | Work is in progress |
| Pravesh Arya | Relapse management in adult PWS | Dr. Y.V. Geetha | Enrolled & registration in progress |
| Rajasudhakar R. | Voicing periods in daily and weekly speech in primary school teachers: Occupational voice measurements (time dose) | Dr. S.R. Savithri | Ongoing |
| Sangeetha M | Linguistic analysis of bilingual CWS | Dr. Y.V. Geetha | Registered & Ongoing |
| Reeny Roy | Title not yet decided | Dr. N. Sreedevi | Enrolled |
| Perumal | Speech sound acquisition and phonological process in typically developing tamil speaking children – cross sectional study. | Dr. N. Sreedevi (co-guide) | Registered & Ongoing |
| Savitha | Early speech & language development in children with cleft lip & palate: a longitudinal study | Dr. N. Sreedevi (co-guide) | Registered & Ongoing |

1. **Research Papers Presented at National/Internat. Conferences /Seminars**

**International**

Arya, P. & Geetha, Y.V. (2011). *Speech characteristics of recovered, and relapsed persons with stuttering following treatment*. 9th Oxford Dysfluency Conference, Oxford, held on Sept 1-4 2011

Arya, P. & Geetha, Y.V. (2011). *Factors contributing to recovery and relapse in persons with stuttering following treatment*. 9th Oxford Dysfluency Conference, Oxford, held on Sept 1-4 Sept 2011

Geetha Y.V., Jayaram, M. & Sangeetha, M., (2011*). Variables related to efficacy in the management of stuttering.* 9th Oxford Dysfluency Conference, Oxford, held on Sept 1-4 Sept 2011

Geetha Y.V., Sangeetha, M., & Nisha. S. (2011). *Relapse following therapy in adult PWS.* 9th Oxford Dysfluency Conference, Oxford, held on Sept 1-4 Sept 2011

GeethaY.V., Sangeetha, M. Aishwarya, A. (2011). *Recovery in children with stuttering. 9th Oxford Dysfluency Conference*, Oxford, held on Sept 1-4 Sept 2011

Greeshma, R., & Prema, K. S. *Conceptual combinations – Interpretation by Kannada-English bilingual children*. Language, Literacy and Cognition-*An International symposium on current issues for a science in Education.*Bangalore, India, 15-17 December 2011.

Kavitha, J., & Prema, K. S. *Novel word learning in monolinguals versus simultaneous and sequential bilinguals*. Literacy and Cognition-*An International symposium on current issues for a science in Education.*Bangalore, India, 15-17 December 2011.

Majumdar, M., Santosh, M*. Efficacy of prolonged speech therapy in bilingual individuals who stutter: Is there a generalization to untreated to language.* Poster presented at 9th *Oxford Dysfluency Conference.* St. Catherine’s College, Oxford, UK, 1-4September, 2011.

Prema, K. S. *Are the precursors to literacy governed by the script structure?* Language, Literacy and Cognition-*An International symposium on current issues for a science in Education.* Bangalore, India, 15-17 December 2011.

Priyashri, S., Jasmine M., & Geetha Y. V.(2011). *Review of neuro-imaging studies and their clinical implications on stuttering*.9th Oxford Dysfluency Conference, Oxford, held in Sept 1-4, 2011

Sangeetha, M., Geetha, Y.V., Bhuvaneswari, N & Arya, P. (2011). *Evidence based treatment in children with stuttering using response cost*. 9th Oxford Dysfluency Conference, Oxford, held in Sept 1-4, 2011

**National**

Abhishek, B. P., & Prema, K. S. *Automatic Vs. volitional mechanisms of lexical retrieval in persons with Aphasia.* 44th *Indian Speech and Hearing Association* (ISHA) *conference*. Hyderabad, 20- 22nd January 2012.

Akash Juneja, Ajith, K., & Santosh, M. *Effect of working memory load on acoustic change complex in persons who stutter.* 44th *Indian Speech and Hearing Association* (ISHA) *conference*. Hyderabad, 20- 22nd January 2012.

Geetha, Y. V., Sangeetha, M., Nisha, S., & Sahana, V. *Relapse pattern in children with stuttering*. 44th *Indian Speech and Hearing Association* (ISHA) *conference*. Hyderabad, 20- 22nd January 2012.

Jayakumar T., Geetha Y. V., Vijai Narne N. , & Lincy. *Auditory Processing in Stuttering: Using Complex Non-linguistic Stimulus*. *Frontiers of Research on Speech and Music* (FRSM). Gurgoan, India, 18-19 January 2012.

Kuppuraj, S., & Prema, K. S. *Is non word repetition a clinical marker of Specific Language Impairment?*’. UGC National Seminar on *Language and Cognitive Processes.* Annamalai University, Tamil Nadu, 23-24 Jan. 2012.

Madhuban, S., & Geetha, Y.V. *Language abilities in bilingual children with autism*. National Conference on *Autism.* ICCONS, Shoranur, Kerala, 2- 3 April 2011.

Merlin, Pankaja, & Jayakumar, T. *Effect of Fundamental and Formant Frequency on Listener’s Judgement of Speaker Size, Masculinity and Attractiveness in Indian context. Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Pravesh, A., & Geetha, Y. V. *Recovery and relapse in persons with stuttering following treatment: A comparison*. *. Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Rajasudhakar, R*.,* Sachin, L. C., & Pramoda, K. *A comparative study of primary school teachers’ vocal load with and without vocal load.* 15th *National Symposium on Acoustics.* Jhansi, 17-19 Nov. 2011.

Rajasudhakar, R*.,* Sachin, L. C., & Pramoda, K. A comparative study of primary school teachers’ vocal load with and without voice amplification*.* 15th *National Symposium on Acoustics.* Jhansi, 17-19 Nov. 2011.

Rajasudhakar, R., Sachin, L. C., & Pramoda, K. *Comparison of Vocal Dose parameters in different professional voice user on a workday.* *Frontiers of Research on Speech and Music* (FRSM). Gurgoan, India, 18-19 January 2012.

*Aithal, S., & Swathi, S.* Rajasudhakar. R.*.* *Effect of different levels of training on singing power ratio and singer’s formant in classical carnatic singers’* International Symposium on Frontiers of Research on Speech and Music (FRSM) Gurgoan, India, 18-19 January 2012.

Girish, K. S Rajasudhakar. R.*. Voice range profile in different levels of carnatic singers’* International Symposium on Frontiers of Research on Speech and Music (FRSM)Gurgoan, India, 18-19 January 2012.

Arya, G., & Sundra Raju. Rajasudhakar. R.*, H.* *A comparison of acoustic and aerodynamic voice parameters in patients with unilateral versus bilateral vocal polyp’* International Symposium on Frontiers of Research on Speech and Music (FRSM) Gurgoan, India, 18-19 January 2012.

Hemaraja Nayaka, S. Rajasudhakar. R. *Effects of prolonged loud reading and vocal recovery in selected measures of acoustic and aerodynamic parameters’* International Symposium on Frontiers of Research on Speech and Music (FRSM) Gurgoan, India, 18-19 January 2012.

Reuben Thomas Verghese, & Savithri, S. R. (2012). Formant frequencies of laughter in children with and without hearing impairment. *Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Sangeetha, G., & Savithri, S. R. *Acoustic correlates of emphasis in Tamil*. *Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Sangeetha, G., & Savithri, S. R. *Intonation patterns in Manipuri- Kannada bilinguals*. *Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Savithri, S. R., Sreedevi, N., Deepa Anand, Aparna, V. S. & Shylaja, K *Speech rhythm in Kannada speaking children:4-5 years. Frontiers of Research on Speech and Music*(FRSM). Gurgoan, India, 18-19 January 2012.

Sreedevi, N., Jyothi, S., & Smitha K. Nair. *Phonetic characteristics of vowels in babbling: 4-5 months.* UGC National seminar on *Language and Cognitive Processes.* Chidambaram, Tamilnadu, 23- 24 January 2012.

Vikas M. D., Hassan P. C. & Arivudai Nambi. *Perception of Spectral Ripples and Speech In Noise By Geriatric Listeners.* 44th *Indian Speech and Hearing Association* (ISHA) *conference*. Hyderabad, 20- 22nd January 2012.

Vikas, M. D., Geethu Mohan, Niloofer Nizar, & Jissa Saji. *Effects of Short and Long Standing Thyroid Problems on Voice Characteristics.* 44th *Indian Speech and Hearing Association* (ISHA) *conference*. Hyderabad, 20- 22nd January 2012.

1. **Research Papers Published**

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

**(Format: Klimoski, R., & Palmer, S. (1993). The ADA and the hiring process in organizations. Consulting Psychology Journal: Practice and Research, 45(2), 10-36.)**

Jayakumar, T., & Savithri, S. R. (2012). Effect of geographical and ethical variation in Dysphonia severity index: A normative study in Indian population, *Journal of Voice,* 26(1), 11-16.

Khurana, S., Prema K.S. (2011). Emergent Literacy Experiences in Classrooms- A Sample Survey in Mysore City, *Language in India, 11(3),* 428-463.

Madhuban Sen, & Geetha Y. V. (2011). Language abilities in bilingual children with autism (CWA). *Journal of All India Institute of Speech and Hearing, 30,* 146-159.

Mahalakshmi Prasad, B.A., & Prema, K.S. Rao (2011). Code switching in the lexical corpora of children. *Theory and Practice in Language Studies, 1(5),* 471-477.

Merin John, Sreedevi, N., & Nisha Sudhi (2011). Sensitivity evaluation of CAPP-M in children with hearing impairment. *Journal of All India Institute of Speech and Hearing, 30,* 185-188.

Nair, S. K. (2011). A comparative study of language development of normal and linguistically deviant retarded children. *Indian Journal of Applied Linguistics, 37,* 137-142.

Navya, A., Pushpavathi, M., Sreedevi, N., & Dakshayani, 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.

Rajasudhakar, R, Pramoda, K., Yeshoda, K, & Geetha, Y. V. (2011). An Evaluative Study of Vocal Hygiene Awareness Program in Professional Voice Users (Prospective Teachers). *Journal of All India Institute of Speech and Hearing, 30,* 9-14.

Savithri, S. R. (2011). Speech rhythm in Kannada speaking children. *Acoustic Waves,* 1-14.

Savithri, S. R., Sreedevi, N., Aparna, V. S., & Deepa Anand (2011). Speech rhythm in Kannada speaking children. *Journal of All India Institute of Speech and* Hearing, 30, 80-84.

Srividya, M. S., & Savithri, S. R. (2011). Speaker identification using cepstrum in Kannada language. *Forensic Science Journal*, 1-10.

Tiffy George Roy, & Yeshoda, K. (2011). Vocal Variations in Speech Following Cognitive Cueing. *Journal of All India Institute of Speech and Hearing, 30,* 85-93.

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

**(Format: Common, M. The Role of Economics in Natural Heritage Decision Making. In Heritage Economics: Challenges for Heritage Conservation and Sustainable Development in the 21st Century : Proceedings of the International Society for Ecological Economics Conference, Canberra, 4 July 2000. Canberra: Australian Heritage Commission, 2001.)**

Reuben Thomas Verghese, & Savithri, S. R. (2012). Formant frequencies of laughter in children with and without hearing impairment. *Proceedings of the International Symposium on Frontiers of Research on Speech & Music,* 1-4.

Sangeetha, G., & Savithri, S. R. (2012). Acoustic correlates of emphasis in Tamil. *Proceedings of the International Symposium on Frontiers of Research on Speech & Music,* 1-5.

Sangeetha, G., & Savithri, S. R. (2012). Intonation patterns in Manipuri-Kannada bilinguals. *Proceedings of the International Symposium on Frontiers of Research on Speech & Music,* 1-5.

Savithri, S. R., Sreedevi, N., Deepa Anand., Aparna, V. S. & Shylaja, K. (2012). Speech rhythm in Kannada speaking children 4-5 years. *Proceedings of the International Symposium on Frontiers of Research on Speech & Music,* 1-6.

Anagha, A. D. & Prema, K. S. (2011). Preschool training for children with special needs: A proposed framework. *Abstract in* *Proceedings of ‘World Education-Art, Science and Culture’* organized by Shruthi Foundation, British Council and ICCR.

Greeshma, R., & Prema, K. S. Rao. (2011). Conceptual combinations – Interpretation by Kannada-English bilingual children. *Proceedings of Language, Literacy and Cognition-An International symposium on current issues for a science in Education,* Organized by the ‘Promise Foundation, Bangalore and Centre for Reading and Language, The University of York, UK.

Kavitha, J., & Prema Rao (2011). Novel word learning in monolinguals versus simultaneous and sequential bilinguals. *Proceedings of Language, Literacy and Cognition-An International symposium on current issues for a science in Education* Organized by the Promise Foundation, Bangalore and Centre for Reading and Language, The University of York, UK, to be held from 15-17 December, 2011.

Prarthana S., Mekhala, V.G. & Prema K.S. (2011). Lexicalization of Idioms in Kannada: Reaction Time Study on Adults. *Abstract in* *Proceedings of the National Seminar on Language Acquisition/Learning*  organized by the Department of Linguistics, University of Kerala and Southern Regional Language Center, CIIL, Mysore

Prema, K. S., Avinash, M. C. & Raksha R. Meti (2011). Bilingual Proficiency Questionnaire. In the proceedings of the *Abstract in* *39th All India Conference of Dravidian Linguistics, Patiala, Chandigarh,* from 14-15, July, 2011.

Prema, K.S. Rao. (2011). Are the precursors to literacy governed by the script structure? *Proceedings of Language, Literacy and Cognition-An International symposium on current issues for a science in Education* Organized by the ‘Promise Foundtion, Bangalore and Centre for Reading and Language, The University of York, UK.

Raksha R. Meti, Avinash M. C., Simha V.S, Lydia J & & Prema K.S., (2011). Validation of Informant Questionnaire on Cognitive Decline in the Elderly in Kannada (IQCODE-K).

Merin, J., & Sreedevi, N., (2011). Phonological processes in 3 – 3.6 years typically developing Malayalam speaking children. *Proceedings of National seminar on Language Acquisition/ Learning, Trivandrum.*

Jayakumar, T., Geetha, Y. V., Vijayakumar N. & Lincy, M. V. (2012). Auditory Processing in stuttering: Using Complex Non-linguistic Stimulus, *Proceedings of the International Symposium on Frontiers of Research on Speech and Music.*

Merlin, T., Pankaja, K. R. & Jayakumar. T. (2012). Effect of Fundamental and Formant Frequency on Listener’s Judgment of Speaker Size, Masculinity and Attractiveness in Indian context. *Proceedings of the International Symposium on Frontiers of Research on Speech and Music*

Rajasudhakar, R, Sachin. L. C, Pramoda. K. (2011). A comparative study of Primary School Teachers’ vocal load with and without Voice Amplification, *Proceedings of National Symposium on Acoustics,* Pages 375-385

Supritha Aithal, Swathi, S., & Rajasudhakar. R. (2011). Effect of different levels of training on singing power ratio and singer’s formant in classical carnatic singers. *Proceedings of the International Symposium on Frontiers of Research on Speech and Music,* 85-90.

Arya, G., Rajasudhakar. R., & Sundara Raju, H. (2012). A comparison of acoustic and aerodynamic parameters in patients with unilateral versus bilateral vocal fold polyp. *Proceedings of the International Symposium on Frontiers of Research on Speech and Music,* 233-237.

Girish, K. S., & Rajasudhakar. R. (2012). Voice range profile in different levels of carnatic singers. *Proceedings of the International Symposium on Frontiers of Research on Speech and Music,* 166-170.

Hemaraja Nayaka, S., & Rajasudhakar. R. (2012). Effects of prolonged loud reading and vocal recovery on selected measures of acoustic and aerodynamic parameters. *Proceedings of the International Symposium on Frontiers of Research on Speech and Music,* 258-263.

Rajasudhakar, R., Sachin L.C., & Pramoda, K. (2012). Comparison of Vocal Dose parameters in different professional voice user on a workday. *Proceedings of International Symposium on Frontiers of Research on Speech and Music,* 176-180.

1. **Research Papers in Press. :**Nil
2. **Books Published. :** Nil

**(Format: Nicol, A. M., & Pexman, P. M. (1999). Presenting your findings: A**

**practical guide for creating tables. Washington, DC: Random House)**

1. **Book Chapters Published**

**(Format : Hartley, J. T., Harker J. O., & Walsh, D. A. (1980). Contemporary issues in information management. In L. W. Lancaster (Ed.), *Information* *Aging* (pp. 239-252).**

**Chicago: American Information Association.)**

Sreedevi, N. (2012). *Assessment of Phonological Disorders*.Proceedings of the National Workshop on Phonological Disorders: Clinical Perspectives (pp.16-29).Director AIISH, Mysore.

1. **Books in Press: Nil**
2. **Books/Seminar Proceedings Edited.:**

Savithri, S R & Sreedevi, N. (2012). Proceedings of the National Workshop on Phonological Disorders: Clinical Perspectives.Director AIISH, Mysore.

1. **Scholarly Reviewing Activities**

**i) Reviewer for Scholarly Journals**

**Dr. K.S.Prema**

* + - Reviewed book titled ‘Sensitivity training on academic problems in primary school children enrolled under SSA in Karnataka-Instructor Manual. Submiitted remarks to Director’s office

**Dr. Y.V.Geetha**

* Four scientific articles reviewed for publication in the 2011 edition of JAIISH
* Reviewed scientific papers for presentation in ISHA

**ii)Reviewer for Scholarly Conference Papers**

**Dr. Santosh M.**

* Reviewed the research papers for 44th Indian Speech and Hearing Association Conference (ISHACON), Hyderabad, India, 20-22nd January, 2012.

**iii) Reviewer for Research Projects**

**Dr. K.S.Prema**

* Served as Reviewer for SSA Project report

**Dr. N.Sreedevi**

* Reviewed the ARF project titled “Development of phonological sensitivity training kit in Kannada(PhoST-K)”
* Reviewed the ARF project titled “Screening test for the acquisition for syntax in Hindi: An adaptation of STAS-K”

**III.Clinical Services**

1. **General Clinical Services**
2. **Speech and Language Assessment**

|  |  |
| --- | --- |
| **Unit** | **Diagnostics**  **(No of cases)** |
| Voice | 160 |
| Phonology | 94 |
| Fluency | 142 |
| Language | 582 |

1. **Speech and Language Rehabilitation**

|  |  |
| --- | --- |
| **Unit** | **Therapy**  **(No. of cases)** |
| Voice | 104 |
| Phonology | 158 |
| Fluency | 251 |
| Language | 558 |

1. **Hearing Evaluation**
2. **Hearing Aid Trial**
3. **Hearing Aid Dispensing**
4. **Psychological Evaluation**
5. **Counseling and Guidance**
6. **Ear Moulds**
7. **Hearing Aid Issue and Electro-Acoustic Evaluation (ADIP Scheme, Ministry of Social justice)**
8. **AIISH Hearing Aid Dispensing Scheme**
9. **Specialized Clinical Services**
10. **Augmentative and Alternative Communication Unit**
11. **Autism Spectrum Disorder Unit**
12. **Fluency Unit**
13. **Learning Disability Clinic**
14. **Listening Training Unit**
15. **Neuromotor Speech Disorder Unit**
16. **Pre-School Training and Special education**
17. **Professional Voice Care Unit**

|  |  |
| --- | --- |
| **Unit** | **Diagnostics**  **(No of cases)** |
| PVC | 17 |

1. **U-SOFA**
2. **Vertigo Clinic**
3. **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**

|  |  |
| --- | --- |
| **Name, Designation and Institutional Affiliation of Lecturer** | Mr. L.C. Sachin, Lecturer, Monthly public Lecture series |
| **Topic of Lecture** | Articulation problems in Children |
| **Date** | 26th Nov |

**V.Technological Consultancy Services**

**Dr. Y.V.Geetha**

* + Prepared and sent multiple choice questions to Bharathiya Vidya Bhavan Deemed University

**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**

**Dr. K. S. Prema**

* Organized and presented AIR Media program for parent group and professionals from AIISH for state-wide broadcast through Bandhani program on 09-06-2011
* Participated in ‘Namma Arogya’ program of AIR, Mysore on 27-04-2011
* Participated in ‘Paraspara’ Live-phone in program conducted by AIR Mysore. Answered parents’ questions emphasizing on the parents’ role on how children develop language and cognitive skills through play behavior on 28-04-2011

**Dr. Y.V.Geetha**

Press release was given on the National Seminar on Fluency Disorders on 16.3.2012

**Ms.K.Yeshoda**

Press release was given on the National Seminar on Voice Disorders on 15.3.2012

**Dr. Sreedevi**

Press release was given on the National workshop on Phonological Disorders: Clinical Perspectives” on 6.1.2012

1. **Details of Institute Publications during the year**
2. **Material Development**

**Ms. K.Yeshoda**

Release of the following 3 pamphlets from the PVC Unit in the inauguration of the “National Seminar on Evidence Based Practice in the Management of Voice Disorders” on 15th Mar 2012.

1. *Eight guidelines to keep you talking/ singing..*
2. *Vocal hygiene tips for professional voice users*
3. *Frequently asked questions*

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

**Savithri, S. R**

* Prof. Rais Ahmed Memorial Lecture Award by the Acoustical Society Of India.
* Srividya, M. S., & Savithri, S. R. Formant vectors of long vowels in speaker identification" has secured FIRST prize in oral presentation category at the Forensic Conference held at Mumbai in February, 2012.

**Dr. N.Sreedevi**

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

**VIII.Extra Curricular Activities**

1. **AIISH GYMKHANA**

**Dr. K.S.Prema**

1. Coordinator for co curricular activities held in view of International Day for Persons with Disabilities at AIISH Gymkhana on 05-12-2011
2. 16-18 March, 2012: AIISH Aawaaz program held at AIISH Gymkhana. Participated in the inaugural and valedictory program

**Dr. Y. V. Geetha**

* Served as the Vice president of AIISH Gymkhans for 2010-11 and conducted various programs
* Chaired the Gymkhana staff and student welfare committee to sanction loan to staff members
* Arranged for the celebration of Independence day on 15.8.2011 from Gymkhana
* organized General Body meeting of AIISH Gymkhana on 14.9.2011
* Served as Chairperson of Newsletter committee and 3 issues of Newsletter for 2010-11 prepared and sent to HODs and website

**Ms.K.Yeshoda**

* Conducted the cultural program: light music singing/ instrumental (solo & group) competition for staff on 1st & 2nd Feb 2012
* Attended the programs of AIISH Aawaaz 2012 from 16th – 18th Mar 2012
* Judged the Verbattle event on 18th Mar 2012

1. **NSS**
2. **OTHERS**

**Dr. K.S.Prema**

* 02-07-2011: Participated in AIISH Alumni Association meeting. Served as Chairperson, Registration committee
* 30-08-2011: Attended Dissertation research Proposal presentation sessions
* Reviewed Annual Report draft copy. Submitted remarks on 02-02-2012.
* 03-02-2012: Attended Launching program of Network link between AIISH & 10 remote centers y Sri. Keshava Desiraju, IAS, AS, Min of H& FW.
* Submitted necessary input for NAAC & AIISH Prospectus

**Dr. Y.V.Geetha**

* Arranged for celebration of Ambedkar Jayanthi on 14.4.2011
* Arranged for Farewell to Sri. Venkatesha
* Arranged Prathibha Puraskar and Talent show for staff children on 26.8.2011
* Arranged for audited statements for 2010-11 and election of office bearers for 2011-12
* Arranged for Students’ talents day on 6.9.2011
* Arranged Annual General Body meeting on 14.9.2011
* Processing of Presentation software, DAF/FAF Hot air sterilizer, Video monitor and Linguawave softwares
* Modified handout for international stuttering awareness day
* Arranged for CSL software installation by Mr. Thapas from Motwane-windows 7 program
* Prepared justification for posts in the Up gradation proposals and sent
* Arrangements for exhibition on account of Open day on 4.11.11
* Arrangements for installation of Aerometer by Dr. Ananthapadmanabha on 8.11.11
* Arrangements for guest lecture by Dr. Alexie K
* Took over charges as DHLS Overall coordinator on 11.1.2012
* Arrangements for conducting National Seminar on Voice and Fluency disorders on 15-16, March 2012 –application to ICMR for funding, brochures, invitations etc
* Modified NAAC information in the new format and submitted hard and soft copies

**Dr. N.Sreedevi**

* Guided Clinical conference presentation on 14.10.2011
* Application to ICMR for funding, the workshop on phonological disorders
* Modified NAAC information in the new format and submitted hard and soft copies

Ix.**MAJOR EVENTS OF THE YEAR**

**x. Eminent Visitors**

* Prof. Tresa from St. Cloud University, Minnesota, USA on 9.5.11
  + - Sri. Chandramouli, Health secretary, MoH &FW, GOI, on 9th Aug 2011
    - Dr. SriKumar, VC, Rajiv Gandhi Univ. of Health Sciences, Bangalore
* Dr. Alexie Kochetov, Assistant Professor, University of Toranto

XI.**Any Other**

**Dr. K.S. Prema:**

Media activities:

* Chairperson for the Registration Committee for AAA 2011.
* Nominated as Chairperson, Committee for Repair of Old Boy’s Hostel.
* 19-07-2011: Served as a subject expert for the pre-Ph.D colloquium of Ms. Prithi Nair held at the RIE Mysore.
* Developed Course book and test (TALL) for Adult literacy training unit

**Dr. Y.V.Geetha**

* Sent Annual report information of the department and to University of Mysore
* Sent ACRs of self and dept. staff with reports
* Attended launching program on DHLS study center link to AIISH network by Sri Keshav Desiraju & Dr. Athani, additional DG on 3.2.2012
* Meeting with Director and HODs regarding arrangements for Dr. Abdul Kalam’s visit
* Sent Annual report information of the department
* Sent Annual report information of the AIISH Gymkhana
* PG entrance paper setting and compilation
* Reviewed one DST project proposal and sent comments
* Attended meeting in the UOM Senate Bhavan with VC and Registrar reg. appointment of BOE Chairpersons and members on 6.3.2012
* Arranged for repeat midterm exams for DHLS students in Imphal, Shimla and Bhagalpur centers on 28th, 29th and 30th March.
* Sent agenda for Finance committee on Speech-Language processing lab
* Arranged to send letters to FSLs regarding deputation to PGDFSST course

**Ms. K.Yeshoda**

* Valuation of answer scripts of I BSc (BASLP)

**Dr. N.Sreedevi**

* Co-ordinated the conduction of practicals for the workshop on “ Forensic Speaker Identification” from 11-14 March 2011
* Attended exam invigilation on 28.11.2011, 30.5.2011
* Coordinated with the DST project staff for Report preparation
* Edited the article for JAIISH from the DST Project
* Gave orientation on departmental activities to ENT doctors from various districts in Karnataka
* Attended Entrance exam invigilation duty on 4.6.2011
* Attended UG paper valuation at UOM
* Carried out valuation and viva for PG students at Manipal University
* Coordinated as the chairperson for the registration committee of the OPEN DAY 2011
* Officiated as member of the application scrutiny committee for Class “C” posts
* Co-ordinated the conduction of practicals for the workshop on “ Forensic Speaker Identification” from 11-14 March 2011
* Coordinated with the DST project staff for Report preparation
* Conducted meetings with the Ladies hostel inmates once in two months
* Attended DST program on Integrated Scientific project management at COD, Hyderabad 18th 22nd July, 2011.
* Attended UG paper valuation at UOM
* Carried out valuation and viva for PG students at Manipal University
* Coordinated as the chairperson for the registration committee of the OPEN DAY 2011
* Officiated as member of the application scrutiny committee for Class “C” posts
* 9.9.2011 Submitted ARF project report (1 No)
* Conducted meetings with the Ladies hostel inmates once in two months
* Attended DST program on Integrated Scientific project management at COD, Hyderabad 18th 22nd July, 2011.

**Mr. Rajasudhakar. R:**

* Asst. Warden, AIISH Bhodhi Gents Hostel.
* Hostel Activities:
* Assisted with Warden in carrying out all the routine activities of the hostel.
* Attended Research Proposals (RP) of PGDFSST students at mini-seminar hall on 29/4/11.
* Conducted stock verification for Gents hostel utensils and submitted the report of the same.
* Assistedin conducting the National workshop on Forensic speaker identification organized by the Dept. of Sp-Lang Sciences. Look after the in-charge for arranging accommodation for the delegates of the workshop.
* Carried out admission related work for admission into AIISH Bodhi Gents Hostel on 9-10th and 16th of June 2011
* Attended the orientation program for the I BSc students in seminar hall conducted by academic section along with I BSc class mentor on 12th July 2011.
* Conducted hostel meeting with warden on 12th July 2011 for the new I BSc hostel inmates.
* Attended the annual general body meeting of Gymkhana at Panchavati Campus on 14th September 2011.
* Conducted and attended the hostel meeting of Bodhi Gents hostel at Panchavati Campus on 19th October 2011.
* Member in Special Event Committee for Open Day on 4th Nov 2011 and Conducted ‘*Pencil Sketch*’ competition for high school students (Special events) on 4th Nov 2011 as a part of Open Day celebration.
* Room invigilator for university exam for III BSCs on 25th Nov 2011
* Attended a lecture at AIISH seminar hall on 28th Feb 2012 by Prof. Nagabhushan, Dep. of Computer Science, University of Mysore on the occasion of science day celebration

**Mr. Jayakaumar**

* Severed as a practical resource person for the Workshop on “Forensic speaker identification” at AIISH (11-14 April)
* Attended the orientation program for the I M.Sc. students in seminar hall conducted by academic section
* Member - secretary in Registration Committee for Open Day on 4th Nov 2011.
* Room invigilator for university exam for III BSCs on 30th Nov 2011.
* Assisted Mr. Praveen for his synthesis work (ARF project).

**Mr. Sachin L.C:**

* Attended meeting in Seminar hall regarding upgradation of the institute & center of excellence, at 2PM on 05th April 2011.
* Attended the Talents day function organized for AIISH students on 06th from 5.45PM.
* Attended Election for EC members of AIISH Gymkhana & Annual general body meeting on 14th, 4.30PM onwards.
* Attended meeting for Open day on 20th, 25th, 31st at 12.15PM regarding the Open day. (Organizing the special events – for care givers)
* Attended meeting for Open day on 3rd regarding the Open day. (Organizing the special events – for care givers); Conducted events for parents of special needs on Open day held on 4th November.
* Attended department meeting regarding forensic voice identification on 9th Nov at 2.PM with Prof. S. R. Savithri & faculties of department; Assisted in preparing minutes of meeting
* Gave orientation to students of “University College of Performing Arts, University of Mysore” on the topic of ‘Voice Production’ as part of Orientation programs conducted by the PVC Unit.

**Dr. Santosh. M:**

* Coordinated compilation of annual report for the department
* Reviewed research project for AIISH research fund
* Chairperson, Catering committee, Open Day 2011

**Ms. Sarika Khurana:**

* Assisted in Forensic speaker identification of a legal case (Hindi speaker) (01.04.11)
* Accompanied Mr.Manjunath for selection of Bathroom fittings for the Department of Speech Language Sciences (06.05.11)
* Prepared the list of Softwares required for the Language Science Unit for the quarterly budget (26.05.11)
* Member, Special Events Committee, Open Day (04.11.11) and Organized Essay Writing Competition