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

**DEPARTMENT OF SPEECH-LANGUAGE SCIENCES**

No.SH/SLS/ 2013-14 21.10.2013

**Submitted to the Director:**

Sub: Annual Report of the Dept of H&FW-Submission of material - reg

Ref: Circular No. SH/LIC/HR/2013-14 dated 10.10.2013

With reference to the above, please find enclosed the material for Annual Report of the department of H & FW for the year 2013-14 (April 1st to September 30th, 2013) in the prescribed format. The soft copy is sent to [lio@aiishmysore.in](mailto:lio@aiishmysore.in)

**HOD, Speech-Language sciences**

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

**DEPARTMENT OF SPEECH-LANGUAGE SCIENCES**

**ANNUAL REPORT 2013 (1st April – 30th September 2013)**

1. **ACADEMIC ACTIVITIES**
2. No. of Short-term Training Programs organized : 3
3. No. of Orientation Programs organized : Nil
4. No. of Students from other institutes Posted for Clinical Observation : Nil
5. No. of Seminars/Conferences/Workshops organized : 2
6. No. of Guest Lectures organized : Nil
7. No. of Invited Talks delivered by faculty and staff : 2
8. Any Other (Please Specify)
9. **RESEARCH ACTIVITIES**
10. **Research Projects (***Include only if the Principal Investigator is from the Department)*
11. **Names of ARF Projects Completed :**

* Investigations of speech rhythm in stuttering individuals: Understanding its nature, fluency inducing conditions and effect of treatment
* Frequency of occurrence of phonemes in Malayalam

1. **Names of new ARF Projects Initiated**

* Study of co-articulation using F2 Locus equation as a metric
* Validation of stroboscopic findings with EGG patterns

1. **Names of Ongoing ARF Projects**

* Computerized Analysis of Phonological Processes in Kannada (CAPP-K)
* Prevalence of voice disorders in Teachers: A Survey
* Voice Characteristics in Teachers
* Neuro - physiology correlates of voice onset time in Kannada and Tamil speaking individual using N1 evoked potential
* Investigation of stuttering in bilingual individuals: Understanding its nature, assessment, & treatment efficacy
* Prevalence of voice problems in primary school teachers of one district of Karnataka

1. **Names of Extramural Projects Completed : Nil**
2. **Names of New Extramural Projects Initiated**

* Development and validation of screening tool to identify learning disability (teacher administered screening tool)

1. **Names of Ongoing Extramural Projects**

* Feedback controls in persons with stuttering
* Cortical auditory evoked potentials as a measure of central auditory development in children with hearing impairment.

1. **Doctoral and Post Doctoral Programs**
2. Degree Awarded : Nil
3. Thesis submitted : Nil
4. Under progress :

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the Candidate** | **Title** | **Guide** | **Status** |
| Mr. Abhishek | Lexical-Semantic Processing in Persons with Bilingual Aphasia | Dr. K.S.Prema | Work is in progress |
| Mr. Kuppuraj | Relationship between Procedural Memory Deficits and Specific Language Impairment: An Exploratory Study | Dr. K.S. Prema | Work is in progress |
| Ms. Prarthana | Mental lexicon of nouns and verbs in adult speakers of Kannada | Dr. K.S. Prema | Work is in progress |
| Ms. Pravesh Arya | Speech and non speech characteristics of individuals with recovered and relapse following stuttering treatment | Dr. Y.V. Geetha | Work in progress |
| Mr. Rajasudhakar R. | Voicing periods in daily and weekly speech in primary school teachers: Occupational voice measurements (time dose) | Dr. S.R. Savithri | Ongoing |
| Ms. Sangeetha M | Speech-language characteristics of bilingual children with stuttering | Dr. Y.V. Geetha | Ongoing |
| Ms. Reeny Roy | Emerging phonetic behavior in Hindi and Malayalam speaking children in the age range of 4-12 months: A cross linguistic study | Dr. N. Sreedevi | Ongoing |
| Mr. Perumal (SRMC, Chennai) | Speech sound acquisition and phonological process in typically developing Tamil speaking children – cross sectional study. | Dr. N. Sreedevi (co-guide) | Ongoing |
| Ms. Savitha (SRMC, Chennai) | Early speech & language development in children with cleft lip & palate: a longitudinal study | Dr. N. Sreedevi (co-guide) | Ongoing |

1. **Research Papers Presented at National/International Conference/Seminars**

**Dr. N. Sreedevi**

* Sreedevi & Irfana (2013). Frequency of occurrence of phonemes in Malayalam. 41st All India Conference of Dravidian Linguists held on 20-22 June 2013 at Department of Telugu, Marina Campus, University of Madras.
* Sindusha, Irfana & Sreedevi (2013). A cross linguistic comparison of angle of retroflexion using ultrasound imaging. 41st All India Conference of Dravidian Linguists held on 20-22 June 2013 at Department of Telugu, Marina Campus, University of Madras.

1. **Research Papers Published**
2. **Papers Published in National /International Journals**

**Dr. K.S.Prema**

* Sequence learning pattern in children with specific language impairment. *International Journal on Disability & Human Development*. DOI 10.1515/ijdhd-2013-0003 ; aop
* Kuppuraj Sengottuvel & Prema K. S. Rao (2013). Grammar specific language impairment: An evolutionary default?*. Netherlands Journal of Psychology,68 (2),* June, 2013, pp. 43-60
* Mahalakshmi Prasad B.A., Prema K.S. & Prarthana S (2013). *Status of Corpus Linguistics in India*. Language in India [www.languageinindia.com](http://www.languageinindia.com) Vol 13:8, August, 2013 ISSN 1930-2940, pp182-194
* Mahalakshmi Prasad B.A., & Prema K.S.(2013). Use of markers observed in the spoken language lexical corpora of children in Kannada language. *Language in India* [www.languageinindia.com](http://www.languageinindia.com) Vol 13:7, July, 2013 ISSN 1930-2940, pp. 456-473
* Kuppuraj Sengottuvel & Prema K.S.Rao (2013). An adapted serial reaction time task for sequence learning measurements. Psychological studies, official publication of the National Academy of Psychology, India, Springer (ISSN: 0033-2968) DOI10-1004/512646-013-0204-Z
* Kuppuraj Sengottuvel & Prema K.S.Rao (2013). Aspects of grammar sensitive to procedural memory deficits in children with Specific Language Impairments. *Research in Developmental Disabilities*, 34, 2013, ISSN: 3317-3331) Elsevier publishers

**Dr. Y.V. Geetha**

* Pravesh, A & Geetha Y.V. (2013). Factors related to recovery and relapse in persons with stuttering following treatment: a preliminary study DCID journal Vol 189, pp 82-98
* Reubin, T. V. & Geetha Y.V. (2013). Mobile phone phobia in persons with stuttering- Indian scenario. Paper accepted for publication in Asian Journal of Disability Matters, Vol. 7, No.2. June, 2013
* Sangeetha, M & Geetha Y.V. (2013). Phonetic environment of disfluencies in children with stuttering *IJDL*.Vol 13, pp 545-565

1. **Papers Published in Conference/Seminar**

**Proceedings:** Nil

1. **Books/ Book Chapters Published** : Nil
2. **Books/Manuals/Seminar Proceedings edited** : Nil
3. **CLINICAL SERVICES**
4. **General Clinical Services and Statistics of Various Departments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Faculty Name** |  | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KSP | Diagnostic | - | - | - | - | - | - |
| Therapeutic | - | - |  | 33 | - | 33 |
| YVG | Diagnostic | - | 1 | 2 | 8 | - | 11 |
| Therapeutic | - | 1 | 44 | 20 | - | 65 |
| NS | Diagnostic | 10 | 14 | 13 | 29 | - | 66 |
| Therapeutic | - | 43 | - | 13 | - | 56 |
| KY | Diagnostic | 3 | - | - | 10 | 40 | 53 |
| Therapeutic | 8 | - | 2 | 6 | 26 | 42 |
| RRS | Diagnostic | 5 | 2 | 1 | 17 | - | 25 |
| Therapeutic | 29 | 3 | - | 37 | - | 69 |
| JK | Diagnostic | 6 | 0 | 2 | 10 | 0 | 18 |
| Therapeutic | 21 | 0 | 2 | 29 | 0 | 52 |
| MS | Diagnostic | 8 | - | 6 | 19 | - | 33 |
| Therapeutic | - | - | 73 | - | - | 73 |
| ABR | Diagnostic | 3 | 8 | - | 20 | - | 31 |
| Therapeutic | - | 5 | 26 | 18 | - | 49 |
| JRFs | Diagnostic | 48 | 24 | 31 | 493 | - | 596 |
| Total | Diagnostic | 83 | 49 | 55 | 906 | 40 |  |
| Therapeutic | 58 | 52 | 147 | 152 | 26 |  |

B ) **Specialized Clinical Services of Departments**

1. **Professional Voice Care Unit**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Course Level** | **No. of students**  **trained** | **No. of**  **Hours** |
| 1. | AIISH Interns | 30 | 181 |
| 2. | M.Sc (SLP) | 16 | 231 |

1. **Extension Activities**
2. Rehabilitation & Education through Distance Mode **: Nil**
3. Prevention of Communication Disorders **: Nil**
4. Communication Disorders Screening Camps: **Nil**
5. Orientation Programs**: Nil**
6. Public Lecture Series**:**

**Dr. M. Santosh**

* + Presented a monthly public lecture on “stuttering” on 31.08.2013

1. **Technological Consultancy Services :** 
   * Dr. T. Jayakumar & Ms. Anjana B. Ramanalyzed a speech sample from Shimoga police station for forensic speaker verification
   * Dr. N. Sreedevi & Ms. Sahana V. analyzed a speech sample from Koppal police station for forensic speaker verification
   * Dr. T. Jayakumar & Ms. Sahana V. analyzed a speech sample from Belthangadi police station for forensic speaker verification
   * Mr. R. Rajasudhakar & Ms. Sahana V. analyzed a speech sample from Shimoga police station for forensic speaker verification
2. **Central Facilities**
3. Library and Information Services**: Nil**
4. Public Information Activities
5. Major Events of the Year with a brief account
6. Press Releases and Media Coverage

**Dr. K. Yeshoda**

2 articles in leading national daily, The Hindu on professional voice assessment and care (telephone interview by Mr. Shankar Bennur on 9th April 2013)

* “Your future is in your voice” on 13th April 2013 <http://www.thehindu.com/todays-paper/tp-features/tp-districtplus/your-future-is-in-your-voice/article4612225.ece>
* “How to save your voice”, on 27th April 2013 <http://www.thehindu.com/todays-paper/tp-features/tp-districtplus/how-to-save-your-voice-box/article4658636.ece>

1. Institute Publications
2. Materials Development**:**

**Dr. K.S. Prema**

* + Software development for CLiPS for use with clinical and typical population is complete with support from Dept. of Electronics. Data compilation of CWSN in progress
  + Release of project deliverables during the 48th anniversary of AIISH
  + Bilingual Proficiency Test (K-E) –CD and Manual
  + PhoST-K kit –CD & Manual
  + Checklists to assess different domains of preschool children with communication disorders
  + Software development for digitized test on bilingual proficiency-in progress with support from Dept. of Electronics. Work in progress with staff, Dept. of Electronics.
  + Developed poster of DST-CSI-Ed. NSI project poster

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

**Dr. N. Sreedevi**

* Received the best paper award for the paper titled “ Computerized assessment of phonological processes in Malayalam (CAPP-M) at GHTC SAS 2013

1. **Extra Curricular Activities**
2. **AIISH GYMKHANA**

**Mr. R. Rajasudhakar**

* Conducted Painting competition to AIISH Gymkhana staff members on 25.07.13 at academic block

**Ms. Anjana B. Ram**

* Assisted in organizing cultural activities as part of NAAC visit on 23/10/13

1. **NSS**
2. **Others**

**Dr. K.S. Prema**

* Developed text document and posters on Institution Social Responsibilities (ISR) and Clinical facilities at AIISH for NAAC review

1. **Major Events**
2. **Eminent Visitors**

NAAC Peer Team members to the institute from 23-25 September 2013

1. **Any Other**

**Dr. K.S. Prema**

* + - Attended meeting held by Administration on briefing of APAR (Annual Performance Appraisal Report), GOI on 03-04-2013
    - Served as Member of Selection Committee (SLP Gr II)
    - Served as RCI Inspector at CMC, Vellore for BASLP program (Fresh proposal) on 27-06-2013
    - Served as RCI Inspector at MERF, Chennai for BASLP/MASLP programs on 10-07-2013
    - Served as RCI Inspector at BVPU, Pune, Maharashtra for BASLP/MASLP programs on 12-07-2013
    - Meeting with Dr. Ravi, Director, PME to seek clarifications on B.S.Ed (CBCS) scheme and AC/FC approval to run the program on 15-07-2013
    - Visit of NAAC Peer Team members to the institute. Coordination for the visit as a member of NAAC Steering Committee member on 23-25 Sept, 2013
    - 22.9.13: Arrival of Members; 23.9.13: Visit to Core Depts; 24.9.13 : Visit to Allied Depts and other sections, 25.9.13 : Exit meet
    - Attended Anitha Baldevraj’s superannuation Farewell meet on 30-09-2013

**Dr. Y.V. Geetha**

* Attended orientation by Mr. Radhakantha regarding APAR on 3.4.2013 to HODs
* Guided 3 students for Clinical conference on 5.4.13
* Compiled and sent Clinical practicum marks for I, II and III B.Scs on 30.4.2013
* Compiled and sent Clinical practicum for C2 from dept. faculty for I and II M.Sc CBCS on 30.4.2013
* Compiled and sent information for UOM Annual report on 10.5.13
* Compiled and sent information for AIISH Annual report on 15.5.13
* Conducted Mentors’ meeting with III B.Sc A section students on 9.4.2013 & sent the attendance details.
* Prepared and sent question paper for UG final examinations
* Arranged dept faculty meeting on 22-23.4.2013 regarding ISO and prepared detailed reports on various processes. Sent detailed report to members of core committee on 30.4.2013
* Sent letters to IGNOU, KSOU and Manipal Univ VCs reg. online PGDFSST and to Prof. Ramasubramanian reg. SLMs
* Arranged for clinical viva for DHLS Mysore Center on 10.5.13 and arranged to send marks and attendance statement to AYJNIHH
* Compiled and sent information for Workshops/Seminars for 2013-14 on 10.5.13
* Compiled and sent Clinical practicum marks for interns on 15.5.13
* Compiled and sent Clinical practicum for C2 from dept. faculty for I and II M.Sc CBCS on 15.5.2013
* Sent PRFs for I quarter for DHLS and Dept on 15.5.13
* Arranged III B.Sc mentor’s meet on 5.5.2013, sent attendance details
* Arranged dept faculty meeting on 22.5.2013 regarding NAAC mock committee visits from 4-6 June 2013 and arrangements to be made
* Arranged dept staff meeting on 28.5.2013 regarding NAAC mock committee visits from 4-6 June 2013.
* Arrangements made regarding procuring Venetian blinds, layout plan, posters and other materials for display in dept, DHLS Mysore center, Fluency unit and video conference room.
* Meeting of HODs and other staff with Director regarding 3 days visit program of mock team on 28.5.13
* Meeting with Mr. Bhargava from ISO and some dept staff reg modifications on 29.5.13
* Arranged for DHLS advt for 2013-14 and sent to all centers
* Arrangements made regarding procuring Venetian blinds, layout plan, posters and other materials for display in dept, DHLS Mysore center, Fluency unit and video conference room for mock NAAC visit.
* Arranged for DHLS examinations and chief superintendent for DHAET, DTYHH and D Ed at Mysore Center from 13.6.to 28.6.13 and arranged to send answer bundles to ISH, Bangalore for valuation
* Arranged dept faculty meeting on 10.6.2013 regarding ISO modifications
* Prepared information for NAAC in revised performance
* Modifications in department brochure
* Attended purchase committee meeting on 10.6.13 regarding first quarter requirements
* Meeting of dept staff with director regarding feedback of NAAC team on 11.6.13
* Filled APAR forms for self and sent to Director and others to Dr. Prema
* Sent teaching schedule for all courses for odd and even semesters
* Arranged for the meeting of Mr. Ravishankar and Mr. Pawar from Orion, Bangalore with HOD DCS and POCD regarding recording room in Fluency unit on 18.6.13.
* Attended annual GB meeting of AIISH Alumni Association on 18.6.13
* Sent letters to faculty to translate SLMs in Hindi
* Modified and sent information for NAAC
* Arranged for the demo of theory class attendance software by external agency fellow
* Sent modified information for dept. Website
* Modification of dept brochure
* DHLS application scrutiny and admissions for all diploma programs as chairperson of the committee - counseling on 25-26.7.13
* Prepared and submitted RE/BE for 2013-15
* Arranged to send SLMs to all DHLS centers
* Sent C1 and C2 assessment criteria
* Orientation to DHLS students in all centers in FN and AN batches regarding the program on 5.8.2013
* Arranged to send the recommendations for condemnation of 21 equipment after obtaining WOs from Dept of Electronics to stores
* Review of one ARF project report and submitted report
* Arranged to install 5 new computers in the dept
* Submitted C1 for dissertation for 3 of my students and 2 others as internal examiner
* Arrangements for meeting of committee members with Dr. Thejasvi from KSOU regarding online PGDFSST program on 5.8.2013
* Prepared and submitted proposal to conduct National Workshop on assessment and management of fluency disorders in Oct 2013
* DHLS and Dept. correspondence
* Presented department activities to department staff, NAAC steering committee and Director on 5.9.13
* Discussions with ISO documents with Bharath on 11.9.13
* Sent compiled clinical C1 for I M.Sc batches
* Submitted C1 for I M.Sc. ‘B’ section
* Arranged dept staff meeting reg. NAAC and fare well to 7 staff/JRFs on 12.9.13
* Arrangements for NAAC peer team visit (documents etc) & dept visit on 13.9.13
* Sent application to ICMR for funding the National workshop
* Arranged faculty meeting in the dept with the Director on 19.9.13 reg. NAAC
* Presented dept details to NAAC team and visit to labs on 23.9, faculty meeting on 24.9 and exit meeting on 25.9.13
* Sent brochures to all centers regarding the National Workshop on Assessment and Management of Stuttering on Oct 24-25, 2013
* Arrangements for DHLS coordinators’ meet on 4.10.13
* Sent IT exemption details from the dept
* Processed papers for procuring the Interact software

**Dr. N. Sreedevi**

* Participated in the compilation of Dept activities (Clinical and research) for ISO documentation
* Completed the forensic report of the KOPPALA case.
* Attended 1 JC and 2 CC
* Presented the progress of the 2 ongoing ARF projects on 8.5.13
* Submitted 2 ARF proposals for approval
* Co-ordinated the preparation for NAAC committee visit – Phonology Lab in SLS and Voice clinic in DCS
* Officiated as i/c HOD on 27th June 2013
* Revised the material on clinical services and research activities for submission to ISO
* Coordinated the activities for the inauguration of unit for human genetics
* Coordinated the activities for the visit of NAAC peer team to unit for human genetics and phonology lab at the Department of SLS

**Dr. K.Yeshoda**

* As Placement Cell In charge organized “Campus interview” on 10th April 2013
* As Chairperson of the Professional Voice Care Unit organized World Voice Day (WVD) 2013 by organizing following programs
* Free voice check-up/ assessment to 25 professional voice users on 16th April
* Poster making Competition for students
* Walkathon on 20th April to commemorate WVD 2013
* Guided the 16th Clinical Conference of 3 III BSc (Sp & Hg) students for 2012-13.
* Modified the material for Consultancy and Public Education for ISO
* Personal information for inclusion in the NAAC compiled version
* Visited the KSOU office to meet Dr. Tejasvi Naviloor, Chief Planning & Development Officer to obtain the MOU format on 13th Aug. 2013
* Attended the meeting for verification of documents convened by the Chairperson for Scrutiny of enclosures for Readers post (APS) on 28th and 29th Aug. 2013.
* Member of the Committee constituted to consider placement of outgoing MSc students 2011-13 in accordance with the bond executed at the time of admission on 10th Sept 2013

**Mr. Rajasudhakar R.**

* + - Assisted in screening 25 professional voice users at PVC unit and voice clinic in the account of World Voice Day (WVD) on 16.04.13.
    - Assisted in organizing and took part in ‘Walkathon’ from DC Office, Mysore to Palace front, to create awareness about ‘Voice Conservation and its Care’ in the account of World Voice Day (WVD) on 20.04.13.
    - Assisted in preparing ISO documents (Flow-charts, turtle charts etc.,) on Dept activities under ‘Research and Clinical services’.
    - Presented abstract of method of my Ph.D to AIISH Ethical Committee on 09.05.13.
    - Served Exam invigilator for B.Sc examination on 22.05.13.
    - Served Exam invigilator for M.Sc examination on 27.05.13.
    - Served internal Examiner for DHLS clinical viva on 10.05.13.
    - Served as Member in M.Sc. Entrance Examination committee 2013. Assisted in scrutiny of applications, smooth conduction, compilation, and announcing the results of the same on 12.07.13.
      * Attended Introduction and orientation program on ‘Introduction to virtual classroom teaching methods’ at video conference hall in the academic section on 05.08.13.
      * Served as Internal Examiner for two II M.Sc students for their Dissertation during research proposal on 21-23 August 2013
    - Attended Teachers’ Day celebration at AIISH Seminar hall on 5th Sept 2013.
    - Attended AIISH Gymkhana Annual General Body meeting at Panchavati campus on 11 Sept 2013.
    - Assisted in arranging the Speech Physiology lab for NAAC visit.
    - Attended Faculty meeting with NAAC members on 24th Sept 2013.
    - Attended NAAC exit meet at AIISH Seminar hall on 25th Sept 2013.
    - Assisted the NAAC Steering committee of AIISH in terms of hospitality for NAAC members.

**Dr. T. Jayakumar**

* Attended spot quotation on 28th April
* Visited for spot quotation two times regarding the purpose genetic unit instruments
* Assisted in organizing workshop on “Intellectual property right” on 24th Aug 2013
* Visited for spot quotation one times regarding the purpose video camera
* Went for spot quotation two times regarding the purpose buying refrigerator to hostel.

**Ms. Sahana V.**

* Display material preparation for NAAC mock & NAAC inspection
* Revised the material on administrative process for submission to ISO
* Assisted Dr. N. Sreedevi in revising the material on clinical services and research activities for submission to ISO
* Assisted Dr. K. Yeshoda in revising the material on Consultancy and Public Education for submission to ISO
* Assisted in compilation of all processes for submission to ISO
* Assisted Dr. N. Sreedevi in arrangements for genetic lab setting
* Submitted one paper and selected for NSA 2013
* Assisted in compiling the evaluation report of the department
* Assisted in incorporating the corrections in departmental brochure for NAAC

**Dr. M. Santosh**

* + - Visited ASI regarding human genetics unit
    - Attended research proposal presentations (II M.Sc, SLP)
    - Coordinated NAAC visit to the department (Speech Science lab in-charge)
    - Coordinated NAAC visit to the institute (accommodation committee member)

**Ms. Anjana B. Ram**

* Assisted in NAAC arrangements 26th – 30th May

**HOD – Speech-Language Sciences**