**अखिल भारतीय वाक् श्रवण संस्थान, मैसूरू - 570 006**

**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**वाक् भाषा विज्ञान विभाग**

**DEPARTMENT OF SPEECH-LANGUAGE SCIENCES**

**MONTHLY REPORT FOR THE MONTH OF OCTOBER 2018**

**(FROM 01.10.2018 TO 31.10.2018)**

1. **ACADEMIC ACTIVITIES:**
2. **Theory classes:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the faculty / staff** | **Theory classes** | **Allotted  (Hrs/Week)** | **Taken**  **(Hrs/ month)** |
| Dr. K. Yeshoda | I B.ASLP (I Sem.) A section – Anatomy, Physiology & Pathology related to speech - language & Hearing  II M.Sc-SLP- Voice  I MSc. – SLP – Speech Production | 01 hrs /wk  4 hrs/week  4 hrs/week | 3 hours    15 hours  13 hours |
| Dr. M. Santosh | II MSC (SLP)-Speech Language Processing | 3hours/week | 6 hours |
| Dr Jayakumar | Msc (SLP) Neuroscience of speech and language  Msc (SLP) Event related potentials | 4hours/week  3hour /week | 4 hours  8 hours |
| Dr. R Rajasudhakar | I BASLP (‘B’ Sec) – Anatomy & Physiology of Speech Mechanism.  II M.Sc (SLP-‘A’ Sec) – Speech-Language Processing.  Diploma in Early Childhood Special Education (DECSE) | 01hr / wk  03hrs / wk  04 hrs/ wk | 04 hours  12 hours  06 hours |
| Dr. Hema N. | I B.ASLP(A Section)- Communication Sciences | 04 hrs / wk | 18 hours |
| I M.Sc.(SLP)- (A Section)- Neurosciences in Speech and Language | 04 hrs/wk | 15 hours |
| Dr. B. P. Abhishek | I B.ASLP(B Section)- Communication Science – Speech and Language | 04 hrs/wk | 7 hours |
| II BSEd- Intervention and Teaching Stratergies | 2 hrs/week | 4 hours |
| II MSC SLP (A Sec)-Aphasia | 04hrs/wk | 16 hours |
| Management of Communication Disorders | 2 hours/wk | 5 hours |
| Dr. M. B. Priya | I M.Sc.(SLP) (B Section)- Research Methods in Speech Language Pathology | 02hrs/wk | 7 hours |
| DHLS: Introduction to Speech Language Pathology | 03 hrs/wk | 12 hours |
| **Total** | | | **149 hours** |

**Practical classes:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the faculty / staff** | **Practical classes** | **Allotted  (Hrs/ month)** | **Taken**  **(Hrs/ month)** |
| Dr. Hema N. | I B.ASLP (A Section) | 01 hr /wk | 4 hours |
| Dr Abhishek B.P | I B.ASLP(B Section)- Communication Science – Speech and Language | 4 hours | 4 hours |

1. **Short-term training program: Nil**
2. **Clinical Observation Posting of Students from other Institutes: Nil**
   * + - Number of Students:
       - Course:
       - Institute :
       - Date:
3. **Seminars/Conferences/Workshops/Training Programs conducted: Nil**
4. **Staff Enrichment/In-House training Programmes (*For own staff members*)**

* Theme /Topic :
* Coordinator :
* Resource Person:
* Objectives :.
* Number of Participants:
* Date:

1. **Guest Lectures:**

1. **Additional Academic Services rendered by the Faculty and Staff**
2. ***Invited Talks***
3. ***Curriculum Development : Nil***
4. ***Development of Materials to Support Learning***
5. ***Service in Academic bodies of other Organizations***
6. ***Participation in Committees/ Taskforces and Panels set up by other organizations/agencies.***

**Dr. K. Yeshoda**

* Member, Board of Studies in Speech & Hearing (BOS-B.Sc. Speech & Hearing), Vijayanagar Sri Krishnadevaraya University, Ballari from 19th May 2015.
* Member, Board of Education (BOE-M.Sc. Sp & Hg/ SLP), Bangalore University, Bengaluru from Nov. 2017.
* Member, Board of Education (BOE-BASLP), Vijayanagar Sri Krishnadevaraya University, Ballari from Dec. 2017
* Attended the BOS meeting held at VSKU, Ballari on 9th Oct. 2018

1. ***Seminar/Conference/Workshop/In-house Training Programs attended by the faculty/staff at AIISH:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of the faculty/ staff** | **Event attended** | **Organized by** | **Date** |
| 1. | Dr. K Yeshoda, Dr M Santosh, Dr Jayakumar T, Dr R Rajasudhakar, & Dr. Priya M. B. | In house workshop on “Standardization of Terminologies used for Clinical Diagnosis in Speech Disorders” | Dept. of Clinical Services, AIISH | 26.10.2018 |

1. CC/JC guided
2. Any Other (Please Specify) Dr Priya M B.

**II. ADDITIONAL & OTHER RESPONSIBILITIES OF THE FACULTY AND STAFF:**

**Dr. K. Yeshoda**

* Chairperson for Professional Voice Care (PVC) center.
* Coordinator, Monthly public lecture series
* Managing Editor, JAIISH
* Conducted valuation
* Executive Secretary of AAA
* Served as Incharge HOD from 15th to 17th Oct. 2018.

**Dr. M. Santhosh**

* HOD-SLS
* Chairperson, Fluency Unit
* Chairperson, Unit for Human Genetics.
* Conducted valuation

**Dr. T. Jayakumar**

* Member, Voice Clinic
* Member, Unit for Human Genetics.
* Member of Professional Voice Care (PVC) center.
* Member of Technology developmental board & IPR cell.
* CBCS Coordinator for M.Sc. (SLP)
* Conducted valuation

**Dr. R. Rajasudhakar**

* Member, Professional Voice Care unit.
* Liaison Officer for SC/ST/ OBC From 26.07.2017

**Dr. Hema N.**

* Member Secretary- Student Grievance cell 2014-15.
* Member, Autism Spectrum Disorders (ASD)
* Mentor- I MSc SLP (B section)
* Co-ordinator-PG Diploma Programs
* Incharge of Placement and Internship cell
* Group A representative of Gymkhana

**Dr Abhishek B.P**

* Assisting Ms Sangeetha Mahesh for Dissertation Articles Compilation

**Dr. Priya M B**

* Serving as member of the committee constituted for implementation of Computerization of Medical Records and OPD.
* Member, Phonology Clinic
* In-Charge, Phonology Lab, Dept. of SLS

**Ms. V. Sahana**

* Assistant editor, JAIISH
* Assisting in activities of Internship and Placement Cell

**III. Research Activities**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Title of the Project** | **Duration/ Funding Agency** | **PI / Co-I** | **Total Grant** | **Status** |
| 1 | Speech Rhythm in Kannada speaking children (F0) | 36 months / DST | Dr. Savithri S.R. (PI)  Dr. Sreedevi N. (CI) | 14.2 lakhs | Term Completed |
| 2 | Neural correlates of perceptual learning of non-native speech sound contrast learning | 1 year / ARF | Dr. U. Ajith Kumar  Dr. M. Santhosh | 4.33 | Review report awaited |
| 3 | Behavioral and Electrophysiological Correlates (N400) of Lexical and Phonological access in children with stuttering | 1 year / ARF | Dr. M. Santhosh | 4.33 | Submitted |
| 4 | Prevalence and risk factors of voice problems and knowledge of vocal health in professional Carnatic singers and non-singers | 1 year / ARF | Dr. M. Santhosh | 4.93 | Review report awaited |
| 5 | Lexical processing in type 2 diabetes | 1 year / ARF | Dr. R. Rajasudhakar | 4.50 | Term completed |
| 6 | Adaptation and Validation of Vocal Fatigue Index (VFI) in Kannada | 1 year / ARF | Dr. R. Rajasudhakar | 4.33 | Term completed |
| 7 | Effect of noise and noise reduction technique on Speaker Identification | 1 year / ARF | Dr. Hema. N. | 4.33 | Review report awaited |
| 8 | Validation of Discourse Analysis Scale in adults with Dementia | 1 year / ARF | Dr. Hema. N | 4.93 | Report to be submitted |
| 9 | Sequel of Auditory Dys-synchrony on Speech Production | 1 year / ARF | Dr. Priya M.B. &  Dr. Sandeep M. | 4.33 | Report to be submitted |

***ii) Ongoing***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Title of the Project** | | | **Duration/ Funding Agency** | | **PI / Co-I** | **Total Grant** | |
| 1 | Survey of Communication Disorders by Trained ASHA Workers in the Districts of Mysore, Mandya and Chamarajanagar | | | Ongoing/ Plan | | Dr. Savithri S. R.  Dr. R. Rajasudhakar  Dr. Priya M.B. | - | |
| 2 | A pre-post comparison of vocal loading using infrared thermography in phono-normals | | | 1 year / ARF | | Dr. R. Rajasudhakar | 5.03 | |
| 3 | Discourse and Working Memory in Neuro-typical individuals and adults with Aphasia | | | 1 year / ARF | | Dr. Hema. N | 4.98 | |
| 4 | Executive function in Individuals with MCI and normal aging | | | 1 year / ARF | | Dr. Abhishek B.P  Dr. Rajasudhakar | 4.98 | |
| 5 | Auditory Processing in children with Speech Sound Disorders | | | 1 year / ARF | | Dr. Chandni Jain &  Dr. Priya M. B. | 5.05 | |
| 6 | Product Development of Useful Products of Research carried out at AIISH | | | 1 year / ARF | | Mr. Prashanth Prabhu, Dr. Priya M. B. & Dr. Shijith Kumar C | 5.03 | |
| 7. | | Behvioural and Electrophysiological (P300) correlates for Visual and Auditory Process in Alzheimers Diseases | 1 year/  ARF | | Dr. Hema. N | | 4.88 |
| 8. | | Development and Standardization of Western Aphasia Battery in Tamil | 1 year/  ARF | | Dr. Hema. N | | 4.88 |

1. **Doctoral Program:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of the Candidate** | **Title** | | **Guide** | | | **Status** |
| 1 | Ms. Anjana A.V. | Emergent literacy in bilingual children (Malayalam - English) | | Dr. K.S. Prema | | | Ongoing |
| 2 | Ms. Niharika | Cognitive-Linguistic Processing in Native speakers of Kannada | | Ongoing |
| 3 | Ms. Amoolya P. Rao | Effect of vowel context and phoneme precision on articulation of phonemes in children with speech sound disorder: Pre-Post therapy comparison | | Dr. N. Sreedevi | | | Ongoing |
| 4 | Ms. Anitha Naittee | Effect of verbal context and phoneme position in the correct articulation of phoneme in Malayalam speaking children with down syndrome: A pre-post therapy comparison. | | Ongoing |
| 5 | Ms. Deepthi Ann Joy | Acoustic and Articulatory characteristics of Malayalam speaking children using Cochlear implant | | Ongoing |
| 6 | Ms. Priyanka | Generalization of fluency to untreated language in bilinguals who stutter | | Dr. Santosh M | | | Ongoing |
| 7 | Ms. Nirmal Sugathan | Behavioral and electrophysiological correlates of phonological processing in children and adults who stutter | | Ongoing |
| 8 | Ms. Divya Seth | Efficacy of Response Cost Treatment for children who Stutter | | Ongoing |
| 9 | Mr. Rakesh C. V. | to be finalized | | Ongoing |
| 10 | Ms. Jyothi S. | Ongoing |
| 11 | Ms. Maisaa Jamal Mahmoud Al-Shawawreh | | Role of Cognition in Developing Speaking Skills through use of multimedia. | | Dr. Hema. N | Ongoing | |
| 12 | Tasnim A. S. Swaitti (Foreign candidate) | | The Effect of Geographical Area and Language Contact on Phonological Variations in the Palestinian Society | | Dr. K. Yeshoda | Under enrollment  Dept. of Linguistics, KIKS, UOM, Mysuru | |

Collaboration : Dissertation Co-guideship (External)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of the Candidate** | **Title** | **Guide** | **Status** |
| 1 | Dr. Amrutha Kalyani (MD in Ayurveda) (External-KLE University, Belagavi) | An open clinical trial to evaluate the effect of Bhramari Pranayama on voice quality of vocalists. | Dr. Jayakumar T (Co-guide) | Submitted |
| 2. | JCE students | Executive Working Memory measures using n-back task: A software based program | Dr. Hema. N  (Co-Guide) | Ongoing  (1 year) |

1. **Dissertations – Completed (2017-18)**
2. **Postgraduate Research:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Student name** | **Title** | **Guide** |
| **1** | Keren, O. B. | Vocal Fatigue using Vocal Fatigue Index (VFI):  A Comparison among Different Levels of School Teachers | Dr. K. Yeshoda |
| 2 | Krithika, G. | Differences in Singing Pedagogy Across Vocalists Trained in Carnatic and Hindustani Styles: A Questionnaire-based Study | Dr. K. Yeshoda  Dr. K. Yeshoda |
| 3 | Thanuja, D. | Acoustic Characteristics of Pain Cry in the First 3 Months of Life: A Longitudinal Study |
| 4 | Mr Manish V | be finalized |
| 5 | Ms Navya K | Prevalence and risk factors for voice problems and effect of voice projection training in Imams | Dr T Jayakumar |
| 6 | Ms Renita | Standardization of Linguistic Profile Test (LPT) in Tamil |
| 7 | Ms Farzeena | To be finalized |
| 8 | Ms Vishali | Acoustic Voice Quality Index in Tamil language | Dr RajasSudhakar |
| 9 | Ms Sivaranjini | Effect of phonation types on vocal fold adduction in Phono-normal individuals |
| 10 | Ms Shalini | Effects of Steady and Fluctuating Semi-Occluded Vocal Tract Exercises on few Acoustic and Electro glottographic parameters of Voice in phono - normals |
| 11 | Ms Karunika | Working memory assessment in individuals with and without aphasia using distinct [synback] linguistic processing ability | Dr Hema N |
| 12 | Ms Shital Jambule | Design fluency and macro linguistic aspects of narratives in elderly individual with and without Mild Cognitive Impairment |
| 13 | Ms Deeepa | Working Memory Assessment in individuals with and without Aphasia using distinct [semback] linguistic processing ability |
| 14 | Ms Anitta | Cognitive fliexibility in high end low proficient bilinguals | Dr Abhishek B.P |
| 15 | Ms Malavi Srikar | Lexical semantic activation in younger and older adults |
| 16 | |Ms Spoorthi C | Lexical and semantic bases for new word learning |

1. **Research Papers presented at National/International Conferences/ Seminars (*in APA format*)**
2. **Research Papers Published in national journals (*in APA format*): 2**
   1. Abhishek B.P & Nadeer Mustapha (2018) Does sibling stimulation facilitate second language proficiency in bilingual children, International Journal of Bionics and Biomaterials, In press
   2. Abhishek B.P, Akhila Chandrashekar & Janani Caryappa (2018) Selective attention in typically developing children and young adults, International Journal of Bionics and Biomaterials, In press
3. ***i) Papers published in National /International Journals: 2***

Dechamma, D., & **Maruthy, S.** (2018). Envelope modulation spectral analysis of solo reading and choral reading conditions suggest changes in speech rhythm in adults who stutter. *Journal of Fluency Disorders*, 58, 47-60. [doi.org/10.1016/j.jfludis.2018.09.002](https://doi.org/10.1016/j.jfludis.2018.09.002)

Devadas, U., Kumar, P. C., & **Maruthy, S.** (in press). Prevalence of and Risk Factors for self-reported voice problems in Carnatic singers.  *Journal of Voice*. [doi.org/10.1016/j.jvoice.2018.09.013](https://doi.org/10.1016/j.jvoice.2018.09.013)

***ii) Papers published in Conference/Seminar Proceedings***

***iii) In-house journal articles***

1. **Books published (*in APA format*)**
2. **Book chapters published (*in APA format*)**
3. **Books/Manuals/Seminar Proceedings edited**
4. **Journal Editorship**
5. **Scholarly Reviewing Activities**
6. ***Journal Articles***
7. ***Conference Papers Dr K Yeshoda, Dr M Santosh, Dr Jayakumar T, Dr R Rajasudhakar, Dr Hema N, Dr Abhishek B P & Dr Priya M B – Reviewed abstracts for ISHACON 51***

1. ***Research Projects***

**IV. CLINICAL ACTIVITIES:**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Faculty** | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KY | 1 | 0 | 1 | 12 | 1 | 15 |
| MS | - | - | - | - | - | - |
| RRS | - | - | - | - | - | - |
| JK | 4 | - | 2 | 5 | - | 11 |
| HN | 2 | 5 | 5 | 23 | - | 35 |
| ABP | - | - | - | 24 | - | 24 |
| PMB | - | 1 | 2 | 8 | - | 11 |
| JRFs | 1 | 1 | 4 | 9 | - | 15 |
| **Total** | **8** | **7** | **14** | **81** | **1** | **111** |

1. ***Speech and Language Rehabilitation***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Faculty** | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KY | - | - | - | - | - | - |
| MS | - | - | - | - | - | - |
| RRS | - | - | - | - | - | - |
| PMB | - | - | - | 5 |  | 5 |
| JK | 5 | - | - | 7 | - | 12 |
| HN | - | - | - | 30 | - | 30 |
| ABP | - | - | - | 39 | - | 39 |
| **Total** | **5** | **-** | **-** | **81** | **-** | **86** |

1. ***Details of Therapy Supervision***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the faculty** | **No. of Therapy session** | **No. of Students supervised** | **No. of Clients/ Remarks** |
| **1** | Dr K Yehsoda | 3 half day per week | 3 | **-** |
| 2 | Dr. Hema. N | 3 half day per week | 9 | 12 |
| 3 | Dr. Priya M. B. | 3 half days per week | 6 | - |
| 4 | Dr. Hema. N | half day per week | ASD Unit | - |
| 5 | Dr T Jayakumar | 4 half day (Monday A/N) | 4 | - |

1. **Specialized Clinical Services**
2. ***Professional Voice Care Unit***

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Course Level** | **No. of students Trained** | **No. of Hours** |
| 1 | B.Sc. (Sp & Hg) Interns | - | - |
| 2 | I M.Sc. (SLP) | - | - |
| 3 | II M.Sc. (SLP) | - | - |

**V. 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 :***

**VI. Technological Consultancy Services:**

**VII. 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. ***Institute Publications***
6. **Material Development**

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

**IX.Extra Curricular Activities**

1. **AIISH Gymkhana**
2. **NSS**
3. **Others**

**x. MAJOR EVENTS OF THE YEAR**

**xI. Eminent Visitors**

**XII. Any Other**

* The faculty of the department & JRFs attended the Demonstrate Session of the instrument " Functional near infrared Spectroscope" in the Department of Speech-Language Sciences on 4th October 2018 at 10.00 am.
* The faculty of the department & JRFs attended the Demonstrate Session of the instrument/software E-Prime (EGI) by Dr Suhas Venchurkar, Representative - India, Philips Neuro in the Department of Speech-Language Sciences on 5th Oct. 2018 at 10.00 am
* The Staffs of the department attended the “Bhoomi Pooja” at the Varuna Campus on 12th Oct 2018
* The faculty of the department attended peer evaluation of Department of POCD in the seminar hall of Academic Section on 10th October 2018.
* Dr Priya M.B., served as invigilator for UG exams held on 29.10.2018.

**विभागाद्यक्ष, वाक्**भाषाविज्ञानविभाग

HOD – Speech-Language Sciences