**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 February 2018**

**(FROM 01.03.2018 TO 31.03.2018)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the faculty / staff** | **Theory classes** | **Allotted (Hrs/Week)** | **Taken** **(Hrs/ month)** |
| Dr. K. Yeshoda | II B.ASLP (IV Sem.) – Voice and its Disorders | 03 hrs / wk | 09 hours |
| Dr. M. Santosh | II B.ASLP (IV Sem.)- Fluency and its disorders | 03 hrs / wk | 12 hours |
| II M.Sc.(SLP) Prosody & Music acoustics | 04 hrs/wk | 16 hours |
| Dr. T. Jayakumar | II B.ASLP(B Section) – Research Methods in Communication Sciences and its disorders  | 03 hrs /wk | 12 hours |
| I M.Sc.(SLP) – Event related potentials in speech and language | 03 hrs /wk | 10 hours |
| Jipmer, (Puducherry ) – II sem & IV sem  | 03 hrs /wk | 03 hours |
| Dr. R. Rajasudhakar | I M.Sc.(SLP) – Language, Cognition and Brain | 04hrs / wk | 10 hours |
| I BASLP (Jipmer) - Speech-Language Pathology | 03 hrs /wk | 07 hours |
|  | II BASLP (Jipmer) - Fluency and its disorders | 03hrs / wk | 06 hours |
| Dr. Hema N. | I B.ASLP(A Section)- Diagnostics and Therapeutics in Speech-Language Pathology | 03 hrs / wk | 14 hours |
| I M.Sc.(SLP)- (A Section)- Language ,Cognition and Brain | 04 hrs/wk | 18 hours |
| Dr. B. P. Abhishek | I B.ASLP(B Section)- Diagnostics and Therapeutics in Speech-Language Pathology | 03hrs/wk | 13 hours |
| II B.ASLP(A Section) – Research Methods in Communication Sciences and its disorders | 03hrs/wk | 11 hours |
| DHLS: Introduction to Speech Language Pathology | 02hrs/wk | -------- |
| I M.Sc.(SLP) Gerontology & Communication Disorders | 04hrs/wk | 10 hours |
| Dr. M. B. Priya  | I B.ASLP (Section A & B): Epidemiology in Communication Sciences and Disorders | 01hr/wk | 08 hours |
| DHLS: Management of Communication Disorders -II | 03 hrs/wk | 15 hours |
| **Total** | **174** |

**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. B. P. Abhishek | I B.ASLP (B Section) | 01 hr /wk | 3 hours |
| Dr. K. Yeshoda | II B.ASLP (Section A)  | 01hr /wk | 2hours |
| Dr. M Santosh | II B.ASLP (Section A)  | 01hr /wk | 4 hours |

1. **Short-term training program:**
* Theme /Topic :
* Coordinator :
* Objectives :
* Target Audience:
* Number of Participants:
* Date:
1. **Clinical Observation Posting of Students from other Institutes**
	* + - Number of Students: 1
			- Course: PG ENT
			- Institute : JNMC ,Belagavi
			- Date: 01.03.2018
2. **Seminars/Conferences/Workshops/Training Programs conducted**
* Theme /Topic : National Workshop on Speech-Language Processing
* Coordinator : Dr. Hema N.& Dr. Abhishek B. P.
* Resource Person: Dr. Savithri S.R. , Dr. T. Jayakumar, Dr. R. Rajasudhakar, Dr. Hema N.& Dr. Abhishek B. P.
* Objectives : To understand speech language processing
* Target Audience: SLPs and Linguists
* Number of Participants: 71
* Date: 27-28 March ,2018
1. **Staff Enrichment/In-House training Programmes (*For own staff members*)**
* Theme /Topic :
* Coordinator :
* Resource Person:
* Objectives :
* Number of Participants:
* Date:
1. **Guest Lectures**
* Name, Designation and Institutional affiliation of Lecturer
* Topic of Lecture
* Date
1. **Additional Academic Services rendered by the Faculty and Staff**
2. ***Invited Talks***
* Santosh M. (2018). Assessment Protocol for Fluency Disorders. Invited talk delivered at the RCI-CRE Facilitative Learning on Advancement in Speech & Hearing (FlaSH Series II-2018) held at Holy Cross College, Tiruchirappalli, Tamil Nadu, India. On 8th to 11th March 2018.
* Santosh M. (2018). Formal Tools for Assessment of Fluency Developed in Indian Context. Invited talk delivered at the RCI-CRE Facilitative Learning on Advancement in Speech & Hearing (FlaSH Series II-2018) held at Holy Cross College, Tiruchirappalli, Tamil Nadu, India On 8th to 11th March 2018.
* Dr. T. Jayakumar Delivered an invited talk on ‘Speech Language Processing using Evoked Related Potentials (ERP’s)’ at All India Institute of Speech & Hearing, Mysore in connection with 2-days National Workshop on Speech-Language Processing on 27.03.2018.
* Dr. R. Rajasudhakar Delivered an invited talk on ‘Phonetic perception of Vowels’ at All India Institute of Speech & Hearing, Mysore in connection with 2-days National Workshop on Speech-Language Processing on 27.03.2018.
* Dr. Hema N. Delivered an invited talk on “Assessment tools for Adult Language Disorder developed in Indian Scenario” in the Facilitative Learning on Advancements in Speech and Hearing (FlaSH 2018)- Series II in Holy Cross College Tiruchirappalli on 9th March 2018.
* Dr. Hema N. Delivered an invited talk on ‘Sentence Comprehension’ in the National Workshop on Speech Language Processing in AIISH on 27th and 28th March 2018.
* Dr. Abhishek B. P. Delivered an invited talk on ‘Overview of Spoken Word Recognition’in the National Workshop on Speech Language Processing in AIISH on 27th and 28th March 2018.’
1. ***Curriculum Development : Nil***
2. ***Development of Materials to Support Learning***
3. ***Service in Academic bodies of other Organizations***
4. ***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 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
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. | All Faculty and Staff  | National Workshop on Speech-Language Processing | Department of Speech-Language Sciences | 27-28 March 2018  |

1. CC/JC guided
2. Any Other (Please Specify)

**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

**Dr. M. Santhosh**

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

**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.
* Mentor for PGDFSST, PGDNT, PGDAAC & PGDCL-SLP
* CBCS Coordinator for M.Sc. (SLP)
* CPIO

**Dr. R. Rajasudhakar**

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

**Dr. Hema N.**

* Member Secretary- Student Grievance cell 2014-15.
* Member, Autism Spectrum Disorders (ASD)
* Mentor- I MSc SLP (B section)
* Incharge of Placement and Internship cell
* Group A representative of Gymkhana
* Member- Entrance Exam 2018-19

**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**

 ***i) 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 | Term Completed |
| 3 | Behavioral and Electrophysiological Correlates (N400) of Lexical and Phonological access in children with stuttering | 1 year / ARF | Dr. M. Santhosh  | 4.33 | Term completed |
| 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. RajasudhakarDr. 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.PDr. 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 |

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 |

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 |

1. **Postgraduate Research ongoing**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.****No.** | **Candidate** | **Title** | **Guide** |
| 1 | Devika Vinod | Vocal Fundamental Frequency in Speakers of Kannada, Malayalam and Tamil | Dr. K. Yeshoda |
| 2 | Revathi R. | Relation between Notes, Scales, Swaras, Octaves and their Corresponding Frequencies |
| 3 | Runali Patil | Effects of Prolonged Exposure to Air Conditioners on Voice Quality: A Preliminary Study |
| 5 | Shilpa Abraham | Measure of vocal stability in female trained singers and nonsingers | Dr. Jayakuamar |
| 6 | Md Yaseen | Vocal Symptoms and voice characteristics of imams |
|  7 | Tasni Jahan | Vocal characteristics in 3rd semester pregnant women |
| 8 | Priyadharshini V | Sentence processing in children with and without SLI | Dr. R. Rajasudhakar |
| 9 | Vasupradaa | Adaptation of Rapid Automatized Naming Test in Tamil  |
| 10 | Reshli Y V | Working day vocal loading effect on voice parameters in mathematics and malayalam language teachers: a comparative study |
| 11 | Jyotsna K  | Lexical semantic organization in adults | Dr. Abhishek. B.P. |
| 12 | Eliza Baby | Lexical activation in young Kannada-English neuro typical adults |
| 13 | Reshmita | Lexical semantic activation in low and high proficient speakers |
| 14 | Nepoleon S. | Working Memory in Children with Speech Sound Disorder | Dr. Priya M. B. |

1. **Research Papers presented at National/International Conferences/ Seminars (*in APA format*)**
2. **Research Papers Published (*in APA format*)**

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

* Devadas, U., Hegde, M., & **Maruthy, S.** (Accepted). Prevalence and Risk Factors of Self-reported Voice Problems among Hindu Temple Priests. Journal of Voice.
* **AbhishekB.P,** Sharon.P, Shreya.R & Shalini B (2017). New word learning in persons with anomic aphasia. IJMBC Vol 8, 1-2, Jan-Dec, 166-174
* Sweekriti,P.N, Riddi Wadhwa & **Abhishek.B.P.** (2017). Effect of linguistic cariables on bound recall abilities. IJMBC, Vol 8,1-2, Jan-Dec, 126-136
* Margret Anumitha & **Abhishek.B.P** (2017) Measurement of Bilingual Proficiency: Comparison of subjective and objective methods IJMBC, Vol 8,1-2, Jan-Dec,137-148.
* Rakshith, Sujan M.J & **Abhishek B.P** (2017) Development of checklist to assess caregiver's perspectives and preparatory knowledge about aphasia. IJMBC, Vol 8,1-2, Jan-Dec,78-85
* Danush.S Aishwarya.G & **Abhishek B.P** (2017) Confidence rating of communication situations in recovered aphasia Individuals, . IJMBC, Vol 8,1-2, Jan-Dec, 24-35
* **Abhishek.B.P** & Darshan H.S (2017) Lexical semantic activation in persons with aphasia. Journal of Neurosciences, STM Journal, 7/3, 20-25
* **Abhishek.B.P** & Vidya Gowda (2017) Cognitive Linguistic Flexibility in younger and older adults, Journal of Neurosciences, STM Journal, 7/3,12-16
* Muhammed Nadeer Mustapha & **Abhishek B.P** (2018) Verbal fluency skills in Type II diabetes mellitus, Research and Reviews: Journal of Neurosciences, STM Journal, 7/3, 26-30

 ***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***
8. ***Research Projects***

**IV. CLINICAL ACTIVITIES:**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Faculty** | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KY | - | - | 1 | 16 | - | 17 |
| MS | - | - | 2 | 8 | - | 10 |
| RRS | 2 | - | - | 4 | - | 6 |
| JK | 5 | - | 2 | 7 | - | 14 |
| HN | 2 | 5 | 4 | 23 | - | 34 |
| ABP | 0 | 1 | 1 | 16 | - | 18 |
| PMB | - | - | 2 | 6 | - | 8 |
| JRFs | 13 | 8 | 7 | 35 | - | 63 |
| **Total** | **22** | **14** | **19** | **115** | **-** | **170** |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Faculty** | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KY | 3 | - | - | - | 3 | 6 |
| MS | - | - | 5 | - | - | 5 |
| RRS | 6 | - | - | 4 | - | 10 |
| JK | 4 | - | - | 3 | - | 7 |
| HN | - | - | - | 30 | - | 30 |
| ABP | - | - | - | 23 | - | 23 |
| PMB | - | 6 | - | 15 | - | 21 |
| **Total** | **13** | **06** | **05** | **75** | **03** | **102** |

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. Hema. N | 3 half days per week | 3 | - |
| 2 | Dr. Abhishek B P | 3 half days per week | 6 | 14 |
| 3 | Dr. Priya M. B. | 3 half days per week | 4 | 13 |

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 | 10 | 39 |
| 2 | I M.Sc. (SLP) | 2 | 2 |
| 3 | II M.Sc. (SLP) | 0 | 0 |

**V. Extension Activities**

1. ***Rehabilitation and Education through Distance Mode***
2. ***Prevention of Communication Disorders***
3. ***Communication Disorders Screening Camps***
4. ***Orientation Programs: Nil***
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**

Dr. Hiroya Fujisaki, Professor Emeritus, University of Tokyo, on 19.3.2017

**XII. Any Other**

* + - * All faculty attended Departmental Peer Evaluation meeting on 14.3.18 in seminar hall.
			* All faculty/Staff attended department meeting to discuss the organization of the National Workshop on Speech-Language Processing on 7th Mar. 2018.
			* All faculty attended the PhD Open Viva Voce of Mr. Prashanth Prabhu on 7th Mar. 2018.
			* All faculty/Staff explained the instrumentation/ software used in the department speech science lab and PVC unit) during the visit of Dr. Hiroya Fujisaki, Professor Emeritus, University of Tokyo, Japan on 19th Mar. 2018.
			* All faculty/Staff attended the lecture titled “Fujisaki Model: Fundamentals and applications” by Dr. Hiroya Fujisaki, Professor Emeritus, University of Tokyo, Japan on 19th Mar. 2018

 **विभागाद्यक्ष, वाक्**भाषाविज्ञानविभाग

 HOD – Speech-Language Sciences