**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 SEPTEMBER 2018**

**(FROM 01.09.2018 TO 30.09.2018)**

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 | 3hours    15  13 |
| 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  8 |
| 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\*  (\* classes started from 11.9.2018) | 04 hrs  12 hrs  06 hrs |
| 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 | 18 hours |
| II BSEd- Intervention and Teaching Stratergies | 2 hrs/week | 12 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 | 4 |
| DHLS: Introduction to Speech Language Pathology | 03 hrs/wk | 6 |
| **Total** | | | **165 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 |
| 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: (Dr N Hema)**

Name, Designation and Institutional affiliation of Lecturer: ZIET, Mysore.

Topic of Lecture : Autism Spectrum Disorder-Definition, Characteristics, Identification

and Strategies.

Date : 24th September 2018.

1. **Additional Academic Services rendered by the Faculty and Staff**
2. ***Invited Talks***: ***2 (Dr. R.Rajasudhakar – 2)***
3. Assessment and Management’ and ‘Psychological Approaches to Voice Therapy’
4. Clinical Discussion on Working with Transgender Voice

In National Conference on Assessment & Management of Voice Disorders: Integrating Theory and Clinical Practice (FlaSH Series III-2018) at Tiruchirappalli on 23.09.2018

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 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. | Dr M. Santosh | State Lev Attended "State Level NAAC Awareness Workshop on Assessment and Acceditation under Revised Accreditation Framework", held on 18th September 2018, Seshadripuram degree College, Mysore. | Sheshadripuram Degree College, Mysore | 18th Sept. 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
* Conducted valuation
* Executive Secretary of AAA

**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
* Served as Incharge HOD from 12th to 14th Sept. 2018.

**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 |

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 | |

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. **Dissertations – Completed (2017-18)**

**Dissertations – Initiated (2018-19)**

1. **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 |
|  | Ms Navya K | To To be finalized | Dr T Jayakumar |
|  | Ms Renita | To be finalized |
|  | Ms Farzeena | To be finalized |
|  | Ms Vishali | Acoustic Voice Quality Index in Tamil language | Dr RajasSudhakar |
|  | Ms Sivaranjini | Effect of phonation types on vocal fold adduction in Phono-normal individuals |
|  | Ms Shalini | Effects of Steady and Fluctuating Semi-Occluded Vocal Tract Exercises on few Acoustic and Electroglottographic parameters of Voice in phono-normals |
|  | Ms Karunika | Working memory assessment in individuals with and without aphasia using distinct [synback] linguistic processing ability | Dr Hema N |
|  | Ms Shital Jambule | Design fluency and macro linguistic aspects of narratives in elderly individual with and without Mild Cognitive Impairment |
|  | Ms Deeepa | Working Memory Assessment in individuals with and without Aphasia using distinct [semback] linguistic processing ability |
|  | Ms Anitta | Cognitive fliexibility in high end low proficient bilinguals | Dr Abhishek B.P |
|  | Ms Malavi Srikar | Lexical semantic activation in younger and older adults |
|  | |Ms Spoorthi C | Lexical and semantic bases for new word learning |

1. **Research Papers presented at National/International Conferences/ Seminars (*in APA format*) - 1**
2. **Research Papers Published in national journals (*in APA format*): 5**
3. Malavi Srikar & Abhishek B.P (2018) Relationship between Memory and Modality of presentation, Journal of Computational Biology, Vol 7/2., 42-45.
4. Shreya Rajeevan, Shalini Banerjee,, Sharon Philip (2018) Testing Lexical Semantic Activation in Younger and Older Individuals using Word picture interference paradigm, International Journal of Mind Brain and Cognition, Volume 9, 2018.
5. Abhishek B.P, Akhilandeshwari S & Devika V (2018) Contextual Cuing for retrieval of Nouns and Verbs in Persons with anomic Aphasia, Vol 7/2 Research and Reviews: Journal of Medical Science and Technology, 1-5.
6. Pratyasha Jamaur & Abishek B.P ‘Testing discrete and cascaded hypotheses of phoneme retrieval through Primed lexical decision task’ International Journal of Computational technology and Bio-Informatics, Vol 7/2,18-22
7. Hina Raba Khan, Answara Prasanan & Abhishek B.P (2018) Relationship between conceptual load and verbal output measures through fictionalised Narratives,Vol 44/1-2, 22-30.
8. ***i) Papers published in National /International Journals: 1***

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

***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 | 0 | 0 | 11 | 1 | 13 |
| MS |  |  |  |  |  | - |
| RRS | 2 | - | - | 3 | - | 5 |
| JK | 4 | 0 | 2 | 6 | 0 | 12 |
| HN | 2 | 5 | 4 | 23 |  | 34 |
| ABP | 0 | 1 | 1 | 24 | - | 26 |
| PMB | - | - | - | 8 | - | 8 |
| JRFs | - | - | - | - | - |  |
| **Total** | **9** | **6** | **7** | **75** | **1** | **98** |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Faculty** | **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| KY | - | - | - | 4 | - | 4 |
| MS |  |  |  |  |  | - |
| RRS | 2 | - | - | 6 | - | 8 |
| PMB | - | - | - | 6 | - | 6 |
| JK | 5 | 0 | 0 | 8 | - | 13 |
| HN | - | - | - | 30 | - | 30 |
| ABP | - | - | - | 39 | - | 39 |
| **Total** | **7** | **0** | **0** | **93** | **-** | **100** |

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 | 4 | **-** |
| 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) | - | - |

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 participated in various competitions in Hindi Week celebrations Dr Priya M.B. :- Served as judge in Hindi Week program and won prizes
  + - * Dr T Jayakumar & Dr Abhishek B.P. Attended as resource person for the Workshop on E- pamphlets by dept of POCD on 7th and 11th Sep 2018
      * Dr. M Santosh Reviewed one article for JISHA, JAIISH.

**विभागाद्यक्ष, वाक्**भाषाविज्ञानविभाग

HOD – Speech-Language Sciences