**DEPARTMENT OF AUDIOLOGY/ AÉäÌQûrÉÉåsÉeÉÏÌuÉpÉÉaÉ**

**MONTHLY REPORT FOR THE MONTH OF NOVEMBER/ मंत्ली रिपोर्ट फॉर थे मंत ऑफ नवंबर**

1. **Monthly Statistics (From 1st to30thNovember 2016)**

**ACADEMIC ACTIVITIES/ शैक्षणिक गतिविधियों**

1. **Short-term Training / Orientation Programs organized-**

**Orientation-1**

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| **No.** | **Theme / Topic** | **Target audience** | **Coordinators** | **No. of partic..** | **Date** |
|  | Products of M/s. Bernafon | Staff of Audiology | Representative from M/s. Bernafon& Ms. Ramadevi | 18 | 04.11.16 |

1. **In-house Training / Staff enrichment program – 2**

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| **Sl. No.** | **Topic** | **Coordinator** | **Lecture delivered** | **Objectives** | **No. of partic..** | **Date** |
|  | RBSK-Child health screening & early intervention services under NRHM | Dr. Sandeep M. | Mr. Arunraj K. | To update with the recent developments in the field of Audiology | 32 | 16.11.16 |
|  | Cochlear implantation through RBSK & SAST | Dr. Sandeep M. | Ms. Megha | To update with the recent developments in the field of Audiology | 34 | 23.11.16 |

1. **Journal conference/Clinical Conference- NIL**

1. **Clinical Observation postings of students from other Institutes: 2**

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| **No.** | **Theme / Topic** | **Objectives** | **Target audience** | **Coordinators** | **No. of partic** | **Date** |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Harshalatha S., J.N. Medical College, Belgaum | Dr. Rajalakshmi K & Mr. Darga Baba | 1 | 01.11.16 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Ekatha C.N.., DESI MSR, Kuppam, A.P. | Dr. Rajalakshmi K & Mr. Darga Baba | 1 | 24.11.16 |

1. **Seminars / Conferences / Workshops**
2. **Organized: 2**

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| **No** | **Theme / Topic & Resource persons** | **Coordinator** | **Objectives** | **Target audience** | **No. of participants** | **Date** |
|  | Webinar in in collaboration with University of Southampton: Noise Induced Hearing Loss | II M.Sc students | To explore collaborative work in the area of enature | **MirrinRaikhan |**Manager **|**Education UK, South India  Dr. Ajith Kumar, AIISH | 60 | 18.11.16 |
|  | Evaluation of auditory processing abilities in school going children | Dr. AshaYathiraj,  Ms. Mamatha N.M. | To educate the teachers | School Teachers | 48 | 30.11.16 |
| **Resource persons:** Dr. AshaYathiraj, Dr. Ajith Kumar U., Ms. Mamatha N.M., Mr. Prashanth P. | | | | | | |

1. **Attended: 1**

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| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Title of the program** | **Venue** | **Date** |
|  | Mr. Prawin Kumar & Mr. PrashanthPrabhu | Workshop on ‘Basics in Translation’ organized by DMD | Seminar hall | 30.11.16 |

1. **Guest lectures/Invited talks**
2. **Attended-NIL**
3. **Organised- NIL**
4. **Invited talks delivered by the Staff**
5. **Within AIISH: 4**

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| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Title of the program** | **Topic of lecture** | **Date** |
|  | Dr. AshaYathiraj | Evaluation of Auditory Processing Abilities in school going children | Screening for auditory processing abilities in school children | 30.11.16 |
|  | Dr. Ajith Kumar | Evaluation of Auditory Processing Abilities in school going children | Identification of children with APD | 30.11.16 |
|  | Ms. Mamatha N.M. | Evaluation of Auditory Processing Abilities in school going children | Importance of auditory processing abilities in school children & Management of children with APD in school children | 30.11.16 |
|  | Mr. Prashanth P | Evaluation of Auditory Processing Abilities in school going children | Differentiating children with APD from other conditions | 30.11.16 |

1. **Outside AIISH: 3**

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| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Topic of lecture** | **Organizer** | **Date** |
|  | Dr.AshaYathiraj, Professor of Audiology | Pediatric application of speech audiometry during a symposium titled ‘Speech Audiometry: The essentials in its development and application-A Scope Review’ | Department of Speech and Hearing, School of Allied Health Sciences, Manipal University | 10.11.16 |
|  | Dr. Ajith Kumar , Reader in Audiology | Speech audiometry: selection, development & instrumentation | Department of Speech and Hearing, School of Allied Health Sciences, Manipal University | 10.11.16 |
|  | Dr. Sandeep M., Reader in Audiology | Diagnostic applications of speech audiometry | Department of Speech and Hearing, School of Allied Health Sciences, Manipal University | 10.11.16 |

1. **Service in Academic bodies of other organization**(Name of the organization, role, tenure)
2. **Participation in Committees/Taskforces & Panels set-up by other organizations/agencies**(Name of the committee, organization, purpose, role, tenure)

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| --- | --- |
| Dr. AshaYathiraj | * Evaluated oral research presentations in National Seminar of Speech Audiometry, SOAHS, Manipal |
| Dr. Manjula P. | * Attended BOE meeting for PG semester exam-Dec 16 at Samvaad Institute of Speech & Hearing, Bangalore on 14.11.16 * As member of District Cochlear implantation committee attended CI SAST RBSK meeting on 19.11.16 at DC office, Mysore |
| Dr. Ajith Kumar U. | * Evaluated oral research presentations in National Seminar of Speech Audiometry SOAHS, Manipal |
| Dr. Sandeep M. | * Served as coordinator from AIISH for the National Seminar of Speech Audiometry, SOAHS, Manipal * Evaluated oral research presentations in National Seminar of Speech Audiometry |
| Dr. Devi N. | * Examiner-Bangalore Universtiy |
| Mr. Sreeraj K. | * Examiner-Bangalore Universtiy * Examiner KUHAS |
| Mr. Ganapathy M.K. | * Examiner-Bangalore Universtiy |

**RESEARCH ACTIVITIES/** अनुसंधान गतिविधियाँ

1. **Funded Research Projects:**
2. **Completed Projects: Intra-mural- 2**

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| --- | --- | --- | --- | --- | --- |
| 1. | Utility of acoustic change complex as an objective tool to examine DLI in healthy individuals and individuals with Auditory processing disorders | To investigate the utility of ACC as an objective measure of DLI in normal hearing individuals and individual with APD | Dr. Prawin Kumar  Mr. Niraj Kumar & Mr. Ganapathy M. K. | ARF  (Initial report submitted) | 4.33 |
|  | Ability screening test (TAST) development and validation |  | Dr. AshaYathiraj | ARF  (Final report submitted) |  |

1. **Completed Projects: Extramural Projects -NIL**
2. **New research project initiated: Intra-mural- 9**

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| --- | --- | --- | --- |
| **No** | **Title** | **Investigators** | **Funding source** |
|  | Effect of Spatial Noise on Speech Identification | Dr. AshaYathiraj | ARF |
|  | Exploring Real World Aid Usage and Outcome: Current Indian Scenario | Dr. Manjula P. | ARF |
|  | Normative Data for click rate induced facilitation for assessing temporal intergration | Dr. K.Rajalakshmi | ARF |
|  | Audiological and vestibular assessment in persons with osteoporosis and osteopenia | Dr. Prawin Kumar | ARF |
|  | Effect of Cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential | Mr. SachchidanandSinha  Dr. Niraj Kumar Singh | ARF |
|  | Impact of acoustic stimuli used for various measures of VEMP on the auditory system | Dr. Niraj Kumar Singh | ARF |
|  | Contributory Factors of Hearing Handicap in individuals with Sensorineural hearing loss and auditory neuropathy spectrum Disorder (ANSD) | Dr. Jjio P.M.,  Dr. Hemanth N.,  Dr. Ajith Kumar U. | ARF |
|  | Development of Auditory based Application software for Tinnitus treatement | Sr. Hemanth N. | ARF |
|  | Development of low frequency range word lists in Malayalam | Mr. PrashanthPrabhu | ARF |

1. **New research project initiated: Extramural-NIL**
2. **Ongoing research project: Intra-mural - 14**

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| --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Objectives** | **Investigators** | **Funding source** | **Grant amount** `  (In lakhs) |
|  | Neural Correlates of Perceptual Learning of Non-Native Speech Sound Contrast Learning | To investigate the neural correlates of perceptual learning of non-native speech sound contrast learning | Dr. Ajith Kumar U  Dr. Santosh M. | ARF | 4.33 |
|  | Effect of Auditory Deprivation on Some Aspects of Temporal Processing and Speech Perception Abilities | To document the effect of duration of hearing loss on word identification scores, monosyllable identification, sentence identification, temporal processing and ANL | Dr. Sandeep M.  Ms. Chandni Jain | ARF | 4.82 |
|  | Within and Across Temporal Resolution Abilities in Individuals with Normal Hearing, Sensorineural Hearing Loss and Auditory Neuropathy Spectrum Disorders | To assess and compare the temporal resolution skills using within channel and across channel GDT in individuals with normal SNHL and ANSD | Mr. Kishore Tanniru  Dr.AnimeshBarman | ARF | 4.33 |
|  | Factors Affecting Cocktail-Party Listening in Normal Hearing Listeners | To investigate effect of age on spra-threshold processing and cognition ; relation to problems with supra-threshold processing and working memory | Ms. Chandni Jain  Mr. Vikas M.D. | ARF | 4.38 |
|  | Bithermal Caloric Test and Video Impulse Test for the Assessment of Unilateral Vestibular Pathologies | To identify association between pithermal and video | Mr. Niraj Kumar Singh  Dr. Rajashwari G. | ARF | 4.33 |
|  | Noise Mapping of Mysuru City | Measurement and comparision of noise levels of identified areas (under 4 categories) at four different time frames spaning day and night | Mr. Sreeraj K.  Ms. Suma Chatni | ARF | 6.70 |
|  | Development of standardization of questionnaire to assess the outcome in adult hearing aid users | To develop questionnaire inorder to assess the outcome in adult hearing aid users | Dr.Rajalakshmi K.  Dr. RamadeviSreenivas  Ms. Mamatha N.M., | ARF | 4.33 |
|  | Relationship between envelop difference index (EDI) and speech perception with noise reduction strategies in hearing aids | To correlate the objective and subjective measurements across different experimental conditions. | Ms. Geetha C.  Dr. Hemanth N. | ARF | 4.33 |
|  | Effectiveness of SNR-50 and SNR loss in hearing aid evaluation | To evaluate the utility of SNR-50 and SNR loss in hearing aid evaluation | Dr. Manjula P.  Ms. Megha | ARF | 4.33 |
|  | Development of hearing aid simulator | To develop a hearing aid simulator | Sujeet Kumar Sinha  Dr.Animesh Barman  Dr. D.S. Guru,  Dr. VijayakumarNarne | ARF | 2.15 |
|  | Development of low frequency word lists in Hindi and in Kannada | To develop & standardize low frequency word list and to investigate the applications across clinical population. | Dr.Animesh Barman  PrashanthPrabhu,  Dr. VijayakumarNarne  Dr. Niraj Kumar Singh | ARF | 5.92 |
|  | Development of phonemically balanced word lists in Kannada for adults | To develop and standardize phonetically balanced word list in Kannada | Dr. Manjula P.,  Ms. Geetha C.,  Mr. Sharath K.,  Mr. JawaharA.P. | ARF | 3.16 |
|  | Effectiveness of computer based auditory training in children with central auditory processing disorders | To evaluate the effective ness of computer based auditory training in children with central auditory processing disorders | Dr. Prawin Kumar  Dr. Niraj Kumar Singh | ARF | 8.10 |
|  | Newborn communication screening: Through an innovative mobile (Android based) technology | To develop android based application tool for self (parents) newborn communication screening | Mr. Arunraj K.,  Dr. JayashreeShanbal  Dr. VijayakumaraNarne | ARF | 8.10 |

1. **Ongoing research project:Extramural-1**

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| **No** | **Title** | **Objectives** | **Investigators** | **Funding source** | **Grant amount** `  (In lakhs) |
|  | Comparison of simple reaction time and P300 measures as potential indicators of cognitive linguistic processing | To measure and compare choice reaction time, P300 (syllables) & N400 (word pair) across age | Dr. Manjula R. & Dr. Manjula P. | DST | 6.38 |

1. **Doctoral and Post-Doctoral Programs**
2. **Degree Awarded: NIL**
3. **Open Viva: 2**

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| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide** | **Open Viva** |
|  | Geetha C | Optimization of compression parameters in hearing aids using aided audibility index | Prof. Manjula P | 30.11.16 |
|  | Chandni Jain | Psychophysical abilities and working memory in individuals with normal hearing sensitivity across different age groups | Dr. Ajith Kumar U | 30.11.16 |

1. **Thesis Submitted: NIL**
2. **Under Progress: 27**

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| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide** |
|  | Sharath Kumar K.S. | Effect of noise reduction algorithms (NRA) in hearing aids on acoustic and perceptual measures | Prof. Manjula P |
|  | M.K. Ganapathy | Effect of age and noise on acoustic change complex – An electrophysiological study | Prof. Manjula P |
|  | RoshniPillai | Auditory, visual and auditory-visual processing in children with learning disability | Prof. AshaYathiraj |
|  | M.P. Reuben Jebaraj | Influence of hearing aid fitting strategies on speech recognition in individuals with sloping hearing loss | Prof. Manjula P |
|  | Sreeraj K | Audiological profile and management of tinnitus in individuals with normal hearing | Prof. Manjula P |
|  | Megha | Auditory cognitive and neuro-physio -logical basis of hearing aid acclimatization | Dr. Sandeep M |
|  | Jithin Raj B | Audiovisual perception of acoustically enhanced speech in individuals with auditory neuropathy spectrum disorders | Dr. Sandeep M |
|  | Priyanka V | Temporal processing abilities audi -tory working memory and speech perception in noise in vocal musicians, violinists and non-musicians | Prof. Rajalakshmi K |
|  | Srikar V | Auditory continuity and perceptual restoration of speech in noise-relationship with speech intellibility in individuals with normal hearing and cochlear hearing loss | Dr. Animesh Barman |
|  | G. Nike Gnanateja | Effect of Speech intelligibility on the cortical entrainment to the temporal envelop of speech | Dr. Sandeep M |
|  | KumariApeksha | Effect of noise and amplification on speech perception in individuals with auditory neuropathy spectrum disorder-electrophysiological and behavioural study | Dr. Ajith Kumar U |
|  | PrashanthPrabhu P | Amplification strategies to improve aided speech perception in individuals with auditory neuropathy spectrum disorder | Prof. Animesh Barman |
|  | Arunraj K | Clinical validation of Wide band absorbance Tympanometry in detecting middle ear disorders | Prof. Animesh Barman |
|  | Jawahar Antony P | Stream percept with sinusoidally amplitude modulated stimuli and its relation with speech perception in noise in individuals with normal hearing and Sensorineural hearing loss | Prof. Animesh Barman |
|  | Nisha K.V | Effect of training regime on behavioural and electrophysiological correlates of auditory spatial processing in individuals with sensorineural hearing loss | Dr. Ajith Kumar U |
|  | Pawan M | Investigation of mechanism underlying poor speech perception in individuals with cochlear hearing loss based on recovered envelope cues and the contribution of temporal fine structure cues in sequential segregation | Prof. Rajalakshmi K |
|  | Mamatha N.M | Effect of auditory processing abilities on academic performance in Kannada speaking primary school children | Prof. AshaYathiraj |
|  | Anu Prasad | Auditory processing in children with benign epilepsy with centro temporal spikes/rolandic epilepsy | Prof. Rajalakshmi K |
|  | PrajnaNayak | Fundamental frequency (f0) encoding and speech perception in noise | Prof. Rajalakshmi K |
|  | Vignesh S.S. | Auditory processing in individuals with cerebellar disorders-Review of literature | Prof. Rajalakshmi K |
|  | Dhanya M | Perceptual cues of Coarticulation in Malayalam in Normal Hearing and Hearing impaired individuals | Dr. Sandeep M |
|  | RakeshGatla | Auditory processing and speech perception abiliites in carriers of mutated genes that cause hearing loss (Tentative) | Dr. Sandeep M |
|  | Yashashwini L | Categorical perception and processing of speech and music stimuli in individuals with and without music training (Tentative) | Dr. Sandeep M |
|  | Vikas M.D. | Yet to be decided | Dr. Manjula P. |
|  | Anoop | Yet to be decided | Dr. Ajith Kumar U. |
|  | ShubhaTak | Yet to be decided | Dr. AshaYathiraj |
|  | Shreyaank | Yet to be decided | Dr. AshaYathiraj |

1. **PG Dissertations**
2. **Completed : NIL**
3. **Under progress: 36**

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| **No.** | **Name of the candidate** | **Title of the dissertation research proposal** | **Guide** |
| 01 | Abhijit | Evaluation of digital hearing aids with wireless synchronization in older adults | Ms. Geetha C. |
| 02 | Anoopa | Reasons for use and non-use of hearing aids | Dr. Manjula P. |
| 03 | Anuj Kumar | Correlation between vhit and caloric test in individual with auditory neuropathy spectrum disorder | Dr. Sujeet Kumar Sinha |
| 04 | Chaitra M.C. | Profiles of challenging listening situations experienced by people with hearing loss: effects of socioeconomic background | Dr. Rajalakshmi K. |
| 05 | Devamma V. | Comparison of directional microphone and digital noise reduction algorithms in binaural hearing aid users | Dr. N. Devi |
| 06 | Jasiya | Vestibular evoked myogenic potentials and video head impulse test in auditory neuropathy spectrum disorder | Dr. Niraj Kumar Singh |
| 07 | Jeena T.K. | Binaural interaction component, binaural fusion test and making level difference in children at risk of central auditory processing disorder | Dr. Prawin Kumar |
| 08 | Keerthi S P | Working memory and low redundancy speech perception in the normal ear of individuals with unilateral hearing loss | Dr. Jijo P.M. |
| 09 | Kirti Joshi | Impact of hearing aid use on vestibule-ocularreflex and body balance | Dr. Niraj Kumar Singh |
| 10 | Krithika G | Brainstem encoding of speech and corticofugal modulation in children with specific language impairment | Dr. Sujeet Kumar Sinha |
| 11 | Lavanya | Relationship between speech perception in noise and working memory in individuals with normal hearing | Dr. Ajith Kumar U. |
| 12 | ManishaSahu | Brainstem encoding of speech sound in individuals who practice meditation | Dr. Sujeet Kumar Sinha |
| 13 | Meenu A.V. | Effect of short-term exposure to below damage risk criteria noise on temporal processing and speech perception | Dr. Sandeep M. |
| 14 | Meghana N. | Effect of pranayama in the management of tinnitus | Ms. Mamatha N. M. |
| 15 | Nainitha K.K. | Acoustic change complex as an objective gap detection test in elderly individuals | Mr. Ganapathy M.K. |
| 16 | NakhwaSonal | Development and evaluation of high frequency speech identification test in Indian-English for children | Dr. AshaYathiraj |
| 17 | Naveen C.P. | Influence of number of frequency bands on perception of Kannada chimeric sentences and words | Dr. Devi N. |
| 18 | Nayana M. | Psychoacoustic abilities of normal ear of listeners with unilateral hearing loss | Dr. Jijo P.M. |
| 19 | Pavana M | Effect of frequency transposit on learning of artificial speech in normal hearing individuals | Dr. Ajith Kumar U. |
| 20 | Preethi M | Effect of intensity, repetition rate and stimulus type on spectrum of auditory brain stem response | Dr. Animesh Barman |
| 21 | Priya K P | Early speech perception test for Kannada speaking children | Dr. AshaYathiraj |
| 22 | Rajith B N | Click-rate induced facilitation of acoustic reflex in children with sensory neural hearing loss | Dr. Rajalakshmi K. |
| 23 | Robina A | Acceptable noise level: effect of background language and number of speakers in Kannada speaking older adults with hearing impairment | Ms. Geetha C. |
| 24 | Sanjeev M R | Effect of noise on the sentence identification test in Kannada in individuals with hearing loss | Ms. Geetha C. |
| 25 | Sanakalpa M | Comparison of children at risk for auditory processing disorder between urban and rural schools | Dr. AshaYathiraj |
| 26 | Shamantha M | Comparison of channel-free and multi channel hearing aids on performance in individuals with sensorineural hearing loss | Dr. P. Manjula |
| 27 | Shanthala S P | Test retests reliability of video head impulse test in healthy individuals. | Dr. Niraj Kumar Singh |
| 28 | ShashankNema | Linguistic masking release in juveniles and adults-an Indian language perspective | Dr. Animesh Barman |
| 29 | Shivaprasad S Beelagi | Outcomes of hearing aid and challenging situations in listening: a cross sectional study across rural and urban units | Dr. Rajalakshmi K. |
| 30 | Shubhaganga D | Effect of Bluetooth technology in hearing aids on recognition of naturally rate altered speech | Dr. Hemanth N. |
| 31 | Sneha P. | Objective and subjective measures of localization and spatial perception in hearing impaired adults | Mr. Ganapathy. M.K. |
| 32 | Sreelakshmi H D | Cochlear functioning in individuals with sensorineural hearing loss with and without tinnitus | Mr. Sreeraj K. |
| 33 | SrikanthNayak | Relationship between temporal processing, attention | Dr. Prawin Kumar |
| 34 | Swathy B L | Threshold estimation using multi-frequency abr in infants | Dr. Sandeep M. |
| 35 | Tejaswini S | Assessing localization ability from individuals with hearing impairment: a study on simulated traffic environment | Dr. Hemanth N. |
| 36 | Usha Rani S | Music evoked p300 in individuals with and without musical abilities | Dr. Devi N. |

1. **Research Paper Publications/ Presentations**
2. **Presented at National/International Conferences /Seminars**

**National: 2**

1. Nikhil, J., Megha, K.N. &PrashanthPrabhu P (2016). Diurnal changes in differential sensitivity and temporal resolution in morning type and evening type individuals with normal hearing. Presented at AUDICON-3, held at Manipal from 10th-12th November, 2016.
2. Ms. Geetha C., Ms. Vinodhini P, Mr. Hemanth N. (2016). Does the length of stimuli affect the amount of temporal deviation of speech in a hearing aid?‘. A scientific paper presented at 6th ISHA TN Conference 2016 at Puducherry from 19-20th Nov 16.

**International: 0**

1. **Research Papers Published**

**In-house publications: NIL**

**NationalPublications:3**

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| --- |
| 1. Rajalakshmi K (2016). ShravanaDosha. Shravana Kiran-2016. (Pg.-14-18) |
| 1. C. Geetha, R. Rajarajan and Kishore Tanniru (2016). Evaluation of digital signal processing algorithms in hearing aids with ear to ear synchronization. Journal of Acoustical Society of India (Pg. 125-131). |
| 1. Prawin Kumar, C. Geetha and Y.N. Manjunatha (2016). Detection of speech stimuli at cortex in children using hearing aids: An evidence from speech evoked cortical potential. Journal of Acoustical Society of India (Pg. 125-131). |

**International Publications: 2**

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| 1. SpoorthiThammaiah, VinayaManchaiah, VijayalakshmiEaswar, Rajalakshmi Krishna & Bradley McPherson (2016). Psychometric properties of the hearing handicap questionnaire: a Kannada (South-Indian) translation. International Journal of Audiology (pg. 1-8) |
| 1. SreerajKonadath, PuttabasappaManjula (2016). Auditory brainstem response and late latency response in individuals with tinnitus having normal hearing. Intractable & Rare Diseases Research, 2016; 5 (4): 262-268 |

1. Papers published in conference / Seminar Proceedings-
2. Books/Book chapters published- NIL
3. Books/Manuals/Seminar Proceedings edited-NIL
4. Scholarly Reviewing Activities-

***Dr. Prawin Kumar***

Reviewer for Otolaryngology – Open Journal

Reviewer for South African Journal of the communication Disorders

***Mr. PrashanthPrabhu***

**International Journal of Neurology and Brain Disorders**

1. Journal Editorship

***Dr. AshaYathiraj***

Associate Editor (Hearing)-JAIISH

***Dr. Sandeep M***

Managing Editor-JAIISH

**CLINICAL SERVICES: GENERAL/** नैदानिक ​​सेवाओं :आम

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| 1. **Hearing Evaluation**  |  |  | | --- | --- | | Clients seen in OPD | 1322 | | Clients seen at JC block | 1161 | | ***Ears with diff degrees of HL*** |  | | ·  Normal hearing | 477 | | ·  Minimal | 179 | | ·  Mild | 263 | | ·  Moderate | 362 | | ·  Moderately severe | 324 | | ·  Severe | 336 | | ·  Profound | 259 | | . Minimal to mild | 1 | | . Mild to moderate | 25 | | . Mod.to modtly severe | 19 | | . Modtly severe to sev. | 23 | | . Severe to profound | 54 | | . Moderate to severe | 0 | | . Sloping | 64 | | ***Ears tested having*** |  | | . Conductive hearing | 249 | | . Mixed hearing loss | 375 | | . SN hearing loss | 603 | | Clients with unil HL | 133 | | Clients with bil HL | 856 | | Ears with Aud. Dys-synchrony | 10 | | Clients with APD | 3 | | Clients with Funl HL | 7 | | Clients - tinnitus evaln | 29 | | Clients for PTA | 1091 | | Clients for Sp.Aud | 1091 | | Clients for Immitt. evln | 1118 | | Clients for OAE | 312 | | Clients for ABR | 300 | | Clients for VEMP | 4 | | Clients for VHIT | 1 | | Clients for BOA | 55 | | Clients for VRA | 16 | | Clients for LLR | 2 | | 1. **Hearing Aid Trial**  |  |  | | --- | --- | | **Hearing Aid Trial** |  | | No. of clients seen for HAT | 584 | | HAs prescribed at AIISH | 412 | | . Body level hearing aids | 0 | | - ADIP | 87 | | * Purchased | 0 | | ·    Analogue BTE | 0 | | ·    Digital BTE | 275 | | ·    Trimmer Digital BTE | 0 | | ·    Digital ITE | 0 | | ·    Digital ITC | 2 | | ·    Digital CIC | 1 | | . Digital RIC | 47 | | No. of clients recommended |  | | ·    Auditory training | 78 | | ·    Speechreading | 13 | | HA prescribed on exchange | 1 | | Unaided/aided audiograms | 65 | | Aided VRA | 6 | | Programming of digital HA | 314 | | No. of IGO done | 0 | | EAC of hearing aids done | 6 | | Tretrial with CEM | 153 | | Recommended for ear plugs | 0 | | Unaided & aided LLR done | 0 |  1. **Counseling and Guidance**  |  |  | | --- | --- | | Total no. of counseled | **372** | | No. of clients counseled at AIISH | 372 | | No. of clients counseled at Camps | 0 | |

1. **Ear moulds**

|  |  |
| --- | --- |
| **Earmold lab** | |
| Clients ear imprn. taken | 324 |
| * New clients | 143 |
| * Old clients | 181 |
| Ear impressions taken | 515 |
| * Free-of-cost | 80 |
| * 100% payment | 435 |
| EMs completed | 510 |
| No. Mould Lacquered | 13 |
| No. of sound tube issued | 89 |
| Hard regular moulds | 50 |
| Hard shell mould made | 0 |
| Soft mould made | 337 |
| Hard canal moulds | 0 |
| Soft canal moulds | 17 |
| ITC impression made | 7 |
| Swimmer plug (soft) | 4 |
| Swimmer plug (hard) | 0 |
| No. of ear blocked | 4 |
| EMs withaco. modificns. | 0 |
| Clients seen at camp | 0 |
| Ear imprn taken-camp | 0 |
| CPL impressions received | 0 |
| CPL moulds completed | 0 |
| Def. ear imp recd by CPL | 0 |

***State wise statistics Revenue***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **States** | **Statistics** |  | **Sl.No.** | **Details** | **Amount** |
|  | Andhra Pradesh | 5 |  |  | Spares | 5200/- |
|  | Karnataka | 293 |  |  | Post | 475/- |
|  | Kerala | 16 |  |  | Making ear moulds | 86350/- |
|  | Tamil Nadu | 9 |  |  |  |  |
|  | Telangana | 1 |  |  |  |  |
|  | Others | 0 |  |  |  |  |

1. **Age-wise statistics: Audiological disorders**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Age**  **group**  **yrs.** | **Hearing**  **Evaluation** | | **Hearing Aid**  **Trial** | | **Ear moulds** | |
| **Male** | **Female** | **Male** | **Female** | **Male** | **Female** |
| 0-1 | 21 | 11 | 2 | 3 | 6 | 6 |
| 2-5 | 65 | 37 | 70 | 55 | 52 | 33 |
| 6-10 | 44 | 31 | 33 | 24 | 27 | 23 |
| 11-15 | 27 | 15 | 17 | 13 | 8 | 8 |
| 16-20 | 45 | 16 | 9 | 10 | 5 | 8 |
| 21-25 | 40 | 20 | 6 | 4 | 2 | 2 |
| 26-30 | 43 | 26 | 12 | 3 | 3 | 1 |
| 31-35 | 43 | 18 | 2 | 6 | 1 | 2 |
| 36-40 | 50 | 34 | 4 | 5 | 4 | 5 |
| 41-45 | 36 | 31 | 2 | 9 | 4 | 7 |
| 46-50 | 44 | 31 | 10 | 7 | 3 | 2 |
| 51-55 | 42 | 40 | 14 | 16 | 9 | 8 |
| 56-60 | 38 | 32 | 21 | 18 | 8 | 5 |
| 61-65 | 47 | 26 | 37 | 10 | 15 | 2 |
| 66-70 | 51 | 23 | 37 | 15 | 15 | 5 |
| 71-75 | 37 | 15 | 29 | 12 | 10 | 5 |
| 76-80 | 35 | 12 | 23 | 9 | 11 | 2 |
| 81-85 | 19 | 8 | 17 | 9 | 10 | 3 |
| 86-90 | 5 | 0 | 8 | 0 | 1 | 1 |
| 91+ | 3 | 0 | 3 | 0 | 2 | 0 |
| **Total** | 735 | 426 | 356 | 228 | 196 | 128 |
| **1161** | | **584** | | **324** | |

**CLINICAL SERVICES: SPECIALIZED/** नैदानिक ​​सेवाओं :विशेष

1. **Implantable Hearing Devices Unit**

|  |  |
| --- | --- |
| **Implantable Hg. Devices Unit** |  |
| No. of cases seen | 11 |
| 1. Non-ADIP | 7 |
| 1. ADIP-CI | 4 |
| No. of switch on | 0 |
| 1. Non-ADIP | 0 |
| 1. ADIP-CI | 0 |
| No. of sessions | 16 |
| 1. Non-ADIP | 9 |
| 1. ADIP-CI | 7 |
|  |  |
| Mapping for CI | 6 |
| 1. Non-ADIP | 4 |
| 1. ADIP-CI | 2 |
| Aided audiograms for CI | 14 |
| Troubleshooting CI devices | 10 |
| 1. Non-ADIP | 5 |
| 1. ADIP-CI | 5 |
| Counselling for CI clients | 16 |
| 1. Non-ADIP | 9 |
| 1. ADIP-CI | 7 |
| BAHA trial | 0 |
| Candidacy for CI | 7 |
|  |  |

1. **Listening Training Unit**

|  |  |
| --- | --- |
| **Listening Training Unit** |  |
| Clients seen | 272 |
| Sessions taken | 760 |
| Clients for whom demo therapy given | 35 |
| New clients | 20 |
| Repeat clients | 252 |
| Clients discharged | 16 |
| Clients discontinued | 12 |
| Pre-school sessions attended | 0 |
| Clients given training in Hindi | 24 |
| Clients with CI trained | 25 |
| Sessions for clients with CI taken | 148 |
| Clients with tinnitus attended therapy | 4 |
| Sessions for clients with tinnitus | 36 |
| Clients with ANSD | 0 |
| Sessions for clients with ANSD | 0 |
| Clients with hyperacusis | 0 |
| Clients with CAPD | 0 |
| Sesseionsforclientswith CAPD | 0 |
| Clients for speech reading | 0 |
| Clients for observn for HAT | 5 |

**Clinical Support Services/** नैदानिक ​​समर्थनसेवाएं

***Certificates Issued***

|  |  |
| --- | --- |
| 1. **HEARING EVALUATION** |  |
| Financial aid (pension of GOK) | 118 |
| Admission to deaf school | 0 |
| Physically handicapped | 0 |
| Tax exemption | 3 |
| Education scholarship | 0 |
| Others | 0 |
| Certificate issued at camp | 0 |
| **Total** | **121** |
| 1. **HEARING AID TRIAL** |  |
| Driving licence | 0 |
| Financial Aid | 30 |
| CI | 8 |
| Others | 0 |
| **Total** | **38** |

**PUBLIC EDUCATION AND OUTREACH SERVICES/**

सार्वजनिक शिक्षा और आउटरीच सेवाएं

1. **Communication Disorders Screening Camps (**Details such as **v**enue, Staff deputed, No. of clients seen, Assessment & Rehabilitation Details)-NIL
2. **Other Outreach Services-NIL**
3. **Public lecture series-NIL**

**TECHNOLOGICAL CONSULTANCY SERVICES/** तकनीकी परामर्श सेवाएं**-NIL**

**AWARDS AND HONORS/** पुरस्कारऔरसम्मान**RECEIVED BY FACULTY AND STAFF-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Name** | **Paper/Name of the award** | **Venue** | **Date** |
|  | Ms. Geetha C., Ms. Vinodhini P., Mr. Hemanth N. | *Audiology Best Poster Award –*  *Ist Prize for the Paper*  Does the length of stimuli affect the amount of temporal deviation of speech in a hearing aid?‘. | 6th ISHA TN Conference 2016 at Puducherry | 19-20th Nov 16. |

**EXTRA CURRICULAR ACTIVITIES/** पाठ्येतर गतिविधियां**-NIL**

**MAJOR EVENTS/** प्रमुख ईवेंट**- NIL**

(A brief note in not more than five sentences about each activity/event)

**VISITORS/** आगंतुकों-

* 80 B.Ed students from Sharada Vilas College, Mysuru visited the department on 24.11.16 during the stuttering awareness conference.

**ANY OTHER/** कोई दूसरा

1. **Additional Services (Academic/Administrative) Rendered by the Faculty and Staff**

|  |  |
| --- | --- |
| Dr. Manjula P. | * Member of Board of Examiner * Attended a meeting to discuss issues in approaching multinational companies for sponsorship for CI clients on 21.11.16 |
| Dr. Animesh Barman | * Relieved as estate officer, DHLS coordinator of Cuttack, canteen |
| Dr. Ajithkumar U. | * External Examiner at SRMC, Chennai on 17.11.16 * Coordinated webinar with University of Southampton on 18.11.16 |
| Dr. Sandeep M. | * Served as coordinator from AIISH for the National Seminar of Speech Audiometry. * Attended MRM Meeting on 18.11.16 at 2:30 p.m. * Organized a meeting to discuss issues in approaching multinational companies for sponsorship for CI clients on 21.11.16 |
| Dr. Sujeet Kumar Sinha | * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 * Was deputed for inspecting the site for organizing 7 days camp from NSS unit of AIISH at Bilaspur, Himachal Pradesh, Gujarat from 23-25 Nov 16 |
| Dr. Prawin Kumar | * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Ms. Mamatha N.M. | * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Ms. Devi N. | * Conducted Clinical Practicum Viva in Audiology for I B.ASLP Students on 10.11.16 & 11.11.16 * Assited the coordinator of National Seminar of Speech Audiometry in complining the materials developed at AIISH * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Ms. Geetha C. | * Conducted Clinical Practicum Viva in Audiology for I B.ASLP Students on 10.11.16 & 11.11.16 * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Mr. Sreeeraj K. | * Served as chairperson ISHA KSB, Kerala, paper presentation * Assited the coordinator of National Seminar of Speech Audiometry in complining the materials developed at AIISH * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Mr. PrashathPrabhu | * Member of Accommodation committee-staff quarters allotment committee. * Assited the coordinator of National Seminar of Speech Audiometry in complining the materials developed at AIISH * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 * Releived from the work of assisting the activities of the Internship and Palcement Cell * Was deputed for inspecting the site for organizing 7 days camp from NSS unit of AIISH at Bilaspur, Himachal Pradesh, Gujarat from 23-25 Nov 16 |
| Dr. Hemanth N. | * Attended practical demonstration of fire extinguishers on 11.11.16 * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Dr. Jijo P.M. | * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Mr. Ganapathy M K | * Served as Invigilator for B.ASLP/B.Sc (Speech & Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 16 |
| Mr. Vikas M.D. | * Mr. Vikas will assist Dr. Hema N., Coordinator, Internship and Placement Cell in the matters relating to the postings of internship students and placement cell activities. He will be posted in the cell between 2 p.m and 3 p.m on Tuesdays and Thursdays. |
| Ms. ShubhaTak (JRF) | * Nominated as Assistant warden for ladies hostel |

1. **Others-**

|  |  |
| --- | --- |
| **Feedback for the month of November** | Feedback-61  Very good-36, Good-13, Satisfied-8, Not-satisfied-4 |
| **Calibration of teaching staff** | Calibration of teaching staff-Visit of external expert wasconducted from**1stto 2nd November** 2016. |
| **Study Tour** | I M.Sc (Aud) students were taken on study tour to JSS Medical college as a part of practical training by Dr. Sandeep M. & Mr. Sreeraj K. |
| **Contract staff** | ***Appointments***  Mr. Rajesh joined on 10.11.16  Ms. Priyanka J., joined on 15.11.16  ***Relieved***  Mr. Rajesh relieved on 06.11.16 |

Dr. Sandeep M. / QûÉä.xÉÇSÏmÉLqÉ.

**HOD – Audiology/ ÌuÉpÉÉaÉÉkrÉ¤É-AÉäÌQûrÉÉåsÉeÉÏ**