**DEPARTMENT OF AUDIOLOGY/ AÉäÌQûrÉÉåsÉeÉÏ ÌuÉpÉÉaÉ**

**MONTHLY REPORT FOR THE MONTH OF FEBRUARY / मंत्ली रिपोर्ट फॉर थे मंत ऑफ फ़रवरी**

1. **Monthly Statistics (From 1st to 28th February2017)**

**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** |
|  | Orientation by representative from M/s. Phonak | Staff of Audiology | Dr. Sandeep M. &  Ms. Ramadevi K J S | 18 | 10.02.17 |

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

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| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Topic of lecture** | **No. of Participants** | **Date** |
|  | Ms. AditiGargeshwari | A 3D-printing functioning and omical human middle ear model | 32 | 01.02.17 |

1. **Journal conference/Clinical Conference-2**

**Journal conference**

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| --- | --- | --- | --- |
| **No.** | **Theme / Topic** | **Guide** | **Date** |
|  | Effect of Vestibular dysfunction on the development of gross motor development function in children with profound hearing loss | Dr. Sujeet Kumar Sinha | 02.02.17 |

**Clinical conference**

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| --- | --- | --- | --- |
| **No.** | **Theme / Topic** | **Guide** | **Date** |
|  | Bilateral profound hearing loss | Dr. Geetha C. | 17.02.17 |

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

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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. Deepa Sethumath, JNMC (Belgaum) | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.02.17 |

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

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| --- | --- | --- | --- | --- | --- |
| **No.** | **Workshop/Seminar** | **Coordinator** | **Target audience** | **Participants** | **Date** |
| 1. | Workshop on Diet for children with communication problems & its effect on their behaviour | Dr. AshaYathiraj, Ms. Revathi, Ms. Megha, Mr. Antony | Professionals, Parents of children with communication disorders | 86 | 03.02.17 |
| 2. | Ear mould technology workshop | Dr. Devi N., Mr. Vivek A. | Students from AWH &Naseema institutes | 28 | 20.02.17 |

1. **Attended: NIL**
2. **Guest lectures/Invited talks**
3. **Attended-NIL**
4. **Organised- NIL**
5. **Invited talks delivered by the Staff**
6. **Within AIISH: NIL**
7. **Outside AIISH: 14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Topic of lecture** | **Organizer** | **Date** |
|  | Dr. AshaYathiraj | Central auditory processing | Medical education programme ‘Vak-Shravan 2017’ at JSS Medical College | 10.02.17 |
|  | Mr. PrashanthPrabhu | Hearing loss-its causes and prevention | Mysore Science Foundation, Mysuru | 11.02.17 |
|  | Dr. Geetha C. | Auditory processing deficits and remedial measures | Regional Institute of Education, Mysuru | 20.02.17 |
|  | Dr. Sandeep M. | Recording of LLR & P300 | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sandeep M. | Application of LLR & P300 | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sandeep M. | Hands on training on LLR & P300 | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sujit Kumar Sinha | Basics of balance system | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sujit Kumar Sinha | Subjective evaluation of vertigo | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sujit Kumar Sinha | Application of cervical vestibular evoked myogenic potentials | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Sujit Kumar Sinha | Demonstration of cervical vestibular evoked myogenic potentials | National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli | 15.02.17-18.02.17 |
|  | Dr. Manjula P. | Peadrtic amplification | University of Kelaniya, Srilanka | 11th Feb 17 |
|  | Dr. Manjula P. | Audiological management of auditory dyssynchroni’ | University of Kelaniya, Srilanka | 11th Feb 17 |
|  | Dr. Manjula P. | Audiological management of cochlear dead regions | University of Kelaniya, Srilanka | 11th Feb 17 |
|  | Dr. Manjula P. | Audiological management of tinnitus | University of Kelaniya, Srilanka | 11th Feb 17 |

1. **Service in Academic bodies of other organization**(Name of the organization, role, tenure)

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| --- | --- |
| Dr. AshaYathiraj | * Attended selection committee meeting in District Disability Rehabilitation Centre (DDRC), Mysuru for the post of Audiologist on 13.02.17. * External expert member for pre Ph.D viva voce at AYNISHD, Mumbai from 22-24.02.17 |
| Dr. Manjula P. | * Served as resource person for training faculty and students at University of Kelaniya, Srilanka from 6th to 11th Feb 2017. * Attended meeting with regard to procurement of CI under state government scheme at the office of project director (RCH), Anandrao circle, Bangalore on 17.02.17 |
| Dr. Rajalakshmi K. | * Attended governing council at samvaad institute on 23.02.17 |
| Dr. Ajith Kumar U. | * Attended Expert Committee Meeting at NIMHANS, Bengaluru on 09.02.17 * Attended RPND meeting at New Delhi |
| Dr. Sandeep M. | * Attended meeting at UOM with regard to welfare of students withdisability on 15.02.17 |

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

**RESEARCH ACTIVITIES/** अनुसंधान गतिविधियाँ

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

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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 |

1. **Completed Projects: Extramural Projects -1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Objectives** | **Investigators** | **Funding source** | **Amount** |
|  | 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. **New research project initiated: Intra-mural- NIL**
2. **New research project initiated: Extramural-1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Title of the Project** | **Investigator** | **Founding source** | **Amount** |
| 1. | fMRI & ERP evidence for improvement in Audio-visual integration in individuals with ANSD post speech reading training | Dr. Rajalakshmi K. | DST | 35.29 |

1. **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 |
|  | Effect of Spatial Noise on Speech Identification | To determine the influence of noise similar to ‘R-SPACE’TM noise in speech identification | Dr. AshaYathiraj | ARF | 4.93 |
|  | Exploring Real World Aid Usage and Outcome: Current Indian Scenario | To acquire better insights into the aspects related to real world hearing aid outcome through focus group discussion and semi structured interview comparing with hearing aid usage | Dr. Manjula P. | ARF | 4.93 |
|  | Normative Data for click rate induced facilitation for assessing temporal intergration | Establishing normative for click rate induced facilitation in individuals with normal hearing and to test the same in individuals diagnosed with CAPD | Dr. K.Rajalakshmi | ARF | 4.93 |
|  | 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 | The present study aimed at evaluating the effect of VEMP eliciting stimulus on functioning of cochlea | Dr. Niraj Kumar Singh | ARF | 15.04 |
|  | Contributory Factors of Hearing Handicap in individuals with Sensorineural hearing loss and auditory neuropathy spectrum Disorder (ANSD) | To compare scores of ‘Hearing Handicap Inventory for Adults’ between individuals with  SNHL and ANSD. | Dr. Jjio P.M.,  Dr. Hemanth N.,  Dr. Ajith Kumar U. | ARF | 4.93 |
|  | Development of Auditory based Application software for Tinnitus treatement |  | Sr. Hemanth N. | ARF |  |
|  | Development of low frequency range word lists in Malayalam | To determine the speech identification scores in individuals with predominantly low frequency hearing loss | Mr. PrashanthPrabhu | ARF | 4.93 |

1. **Ongoing research project:Extramural-NIL**
2. **Doctoral and Post-Doctoral Programs**
3. **Degree Awarded:NIL**
4. **Open Viva: NIL**
5. **Thesis Submitted: NIL**
6. **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: 1**

P. Vinodhini & Geetha C. (2017). Influence of heaing aid algorithum on speech perception and frequency specific envelope changes. Presented at National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli

**International: NIL**

1. **Research Papers Published**

**In-house publications: NIL**

**NationalPublications: 1**

Shetty HN, Mathai JP, Uppunda AK. Disability certificate for individuals with hearing impairment – Time to rethink. Indian J Otol [serial online] 2017 [cited 2017 Feb 16];23:7-12.

Available from: <http://www.indianjotol.org/text.asp?2017/23/1/7/199509>

**International Publications: 0**

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. Hemanth N. , Lecturer in Audiology**

Reviewer of International Journal of Open Access Otolaryngology

1. Journal Editorship

***Dr. AshaYathiraj***

Associate Editor (Hearing)-JAIISH

***Dr. Sandeep M***

Managing Editor-JAIISH

***Dr. Prawin Kumar***

Editor-JISHA

***Mr. Prashanth Prabhu***

Editorial panel member of an International Journal titled "EC Neurology"

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

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| 1. **Hearing Evaluation**  |  |  | | --- | --- | | Clients seen in OPD | 1303 | | Clients seen at JC block | 1214 | | ***Ears with diff degrees of HL*** |  | | ·  Normal hearing | 485 | | ·  Minimal | 221 | | ·  Mild | 237 | | ·  Moderate | 368 | | ·  Moderately severe | 257 | | ·  Severe | 319 | | ·  Profound | 353 | | . Minimal to mild | 2 | | . Mild to moderate | 30 | | . Mod.to modtly severe | 27 | | . Modtly severe to sev. | 35 | | . Severe to profound | 92 | | . Moderate to severe | 2 | | . Sloping | 45 | | ***Ears tested having*** |  | | . Conductive hearing | 231 | | . Mixed hearing loss | 417 | | . SN hearing loss | 553 | | Clients with unil HL | 139 | | Clients with bil HL | 902 | | Ears with Aud. Dys-synchrony | 13 | | Clients with APD | 3 | | Clients with Funl HL | 7 | | Clients - tinnitus evaln | 47 | | Clients for PTA | 1162 | | Clients for Sp.Aud | 1161 | | Clients for Immitt. evln | 1177 | | Clients for OAE | 299 | | Clients for ABR | 310 | | Clients for VEMP | 6 | | Clients for VHIT | 1 | | Clients for BOA | 42 | | Clients for VRA | 14 | | Clients for LLR | 1 | | 1. **Hearing Aid Trial**  |  |  | | --- | --- | | **Hearing Aid Trial** |  | | No. of clients seen for HAT | 451 | | HAs prescribed at AIISH | 332 | | Body level hearing aids | 42 | | - ADIP | 0 | | * Purchased | 42 | | ·    Analogue BTE | 0 | | ·    Digital BTE | 247 | | ·    Trimmer Digital BTE | 0 | | ·    Digital ITE | 0 | | ·    Digital ITC | 3 | | ·    Digital CIC | 2 | | . Digital RIC | 38 | | No. of clients recommended |  | | ·    Auditory training | 98 | | ·    Speechreading | 8 | | HA prescribed on exchange | 0 | | Unaided/aided audiograms | 108 | | Aided VRA | 9 | | Programming of digital HA | 149 | | No. of IGO done | 0 | | EAC of hearing aids done | 3 | | Tretrial with CEM | 89 | | Recommended for ear plugs | 1 | | Unaided & aided LLR done | 0 |  1. **Counseling and Guidance**  |  |  | | --- | --- | | Total no. of counseled | **451** | | No. of clients counseled at AIISH | 451 | | No. of clients counseled at Camps | 0 | |

1. **Ear moulds**

|  |  |
| --- | --- |
| **Earmold lab** | |
| Clients ear imprn. taken | 191 |
| * New clients | 62 |
| * Old clients | 129 |
| Ear impressions taken | 321 |
| * Free-of-cost | 90 |
| * 100% payment | 231 |
| EMs completed | 150 |
| No. Mould Lacquered | 72 |
| No. of sound tube issued | 108 |
| Hard regular moulds | 6 |
| Hard shell mould made | 2 |
| Soft mould made | 126 |
| Hard canal moulds | 0 |
| Soft canal moulds | 0 |
| ITC impression made | 0 |
| Swimmer plug (soft) | 4 |
| Swimmer plug (hard) | 0 |
| No. of ear blocked | 3 |
| 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 | 4 |  |  | Spares | 5155 |
|  | Karnataka | 158 |  |  | Post | 125 |
|  | Kerala | 22 |  |  | Making ear moulds | 30900 |
|  | Tamil Nadu | 5 |  |  |  |  |
|  | Telangana | 0 |  |  |  |  |
|  | Others | 2 |  |  |  |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Age**  **group**  **yrs.** | **Hearing**  **Evaluation** | | **Hearing Aid**  **Trial** | | **Ear moulds** | |
| **Male** | **Female** | **Male** | **Female** | **Male** | **Female** |
| 0-1 | 13 | 9 | 3 | 1 | 7 | 7 |
| 2-5 | 73 | 41 | 79 | 55 | 33 | 31 |
| 6-10 | 34 | 29 | 25 | 18 | 16 | 8 |
| 11-15 | 30 | 11 | 13 | 5 | 4 | 1 |
| 16-20 | 24 | 22 | 11 | 9 | 3 | 5 |
| 21-25 | 69 | 31 | 8 | 6 | 5 | 3 |
| 26-30 | 42 | 26 | 2 | 3 | 3 | 5 |
| 31-35 | 54 | 31 | 8 | 2 | 1 | 8 |
| 36-40 | 37 | 33 | 7 | 2 | 2 | 0 |
| 41-45 | 46 | 23 | 8 | 2 | 7 | 1 |
| 46-50 | 33 | 23 | 3 | 6 | 1 | 1 |
| 51-55 | 38 | 27 | 8 | 8 | 6 | 1 |
| 56-60 | 40 | 32 | 10 | 8 | 4 | 2 |
| 61-65 | 70 | 32 | 20 | 11 | 5 | 4 |
| 66-70 | 63 | 31 | 25 | 8 | 2 | 2 |
| 71-75 | 41 | 27 | 19 | 14 | 1 | 3 |
| 76-80 | 37 | 11 | 20 | 6 | 4 | 1 |
| 81-85 | 15 | 6 | 7 | 7 | 0 | 0 |
| 86-90 | 7 | 0 | 3 | 0 | 1 | 0 |
| 91+ | 3 | 0 | 1 | 0 | 3 | 0 |
| **Total** | 769 | 445 | 280 | 171 | 108 | 83 |
| **1214** | | **451** | | **191** | |

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

1. **Implantable Hearing Devices Unit**

|  |  |
| --- | --- |
| **Implantable Hg. Devices Unit** | |
| No. of cases seen | 9 |
| 1. Non-ADIP | 7 |
| 1. ADIP-CI | 2 |
| No. of switch on | 0 |
| 1. Non-ADIP | 0 |
| 1. ADIP-CI | 0 |
| No. of sessions | 9 |
| 1. Non-ADIP | 7 |
| 1. ADIP-CI | 3 |
|  |  |
| Mapping for CI | 9 |
| 1. Non-ADIP | 5 |
| 1. ADIP-CI | 4 |
| Aided audiograms for CI | 9 |
| Troubleshooting CI devices | 3 |
| 1. Non-ADIP | 2 |
| 1. ADIP-CI | 1 |
| Counselling for CI clients | 9 |
| 1. Non-ADIP | 7 |
| 1. ADIP-CI | 2 |
| BAHA trial | 0 |
| Candidacy for CI | 5 |
|  |  |

1. **Listening Training Unit**

|  |  |
| --- | --- |
| **Listening Training Unit** |  |
| Clients seen | 271 |
| Sessions taken | 1020 |
| Clients for whom demo therapy given | 6 |
| New clients | 65 |
| Repeat clients | 206 |
| Clients discharged | 2 |
| Clients discontinued | 1 |
| Pre-school sessions attended | 0 |
| Clients given training in Hindi | 30 |
| Clients with CI trained | 21 |
| Sessions for clients with CI taken | 61 |
| Clients with tinnitus attended therapy | 1 |
| Sessions for clients with tinnitus | 2 |
| Clients with ANSD | 0 |
| Sessions for clients with ANSD | 0 |
| Clients with hyperacusis | 0 |
| Clients with CAPD | 2 |
| Sesseionsforclientswith CAPD | 5 |
| Clients for speech reading | 0 |
| Clients for observn for HAT | 0 |

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

***Certificates Issued***

|  |  |
| --- | --- |
| 1. **HEARING EVALUATION** |  |
| Financial aid (pension of GOK) | 174 |
| Admission to deaf school | 0 |
| Physically handicapped | 0 |
| Tax exemption | 0 |
| Education scholarship | 0 |
| Others | 0 |
| Certificate issued at camp | 0 |
| **Total** | **174** |
| 1. **HEARING AID TRIAL** |  |
| Driving licence | 4 |
| Financial Aid | 5 |
| CI | 5 |
| Others | 0 |
| **Total** | **14** |

**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-**

Public lecture by Mr. Prashanth Prabhu,,Lecturer in Audiology on the topic ‘Tinnitus’on 28th Jan 2017

**TECHNOLOGICAL CONSULTANCY SERVICES/** तकनीकी परामर्श सेवाएं**-1**

Dr. Manjula P., Professor in Audiology provided suggestions for the new speech and hearing block at University of Kelaniya, Srilanka

**AWARDS AND HONORS/** पुरस्कार और सम्मान **Received by Faculty and Staff- 1**

**Best Paper oral presentation**

P. Vinodhini&Geetha C. (2017). Influence of heaing aid algorithum on speech perception and frequency specific envelope changes. Presented at National conference on Auditory evoked potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli

**EXTRA CURRICULAR ACTIVITIES/** पाठ्येतरगति विधियां**-NIL**

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

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

Peer evaluation of the department of Audiology on 08.02.17

**VISITORS/** आगंतुकों-

* 46 ASHA workers from Mysore, Mandya and chamarajanagar district on 06.02.17
* Visit of Shri.Sanjiva Kumar, Additional Secretary on 08.2.17
* Ms. Nayana oriented 4 students (E & C) from Vidyavardhaka, Mysore on 16.02.17, about audiological evaluation, hearing aid amplification, hearing aid analysers, electroacoustic measure, CI & CI candidacy and available CI schemes
* 22 Students from AWH special college, Calicut Kerala on 20.02.17

**ANY OTHER/** कोई दूसरा

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

|  |  |
| --- | --- |
| Dr. AshaYathiraj | * Examiner University of Mysore * Served as Incharge Director on 3, 16 & 17 (A/n’s) Feb 2017 |
| Dr. Rajalakshmi K. | * Examiner University of Mysore |
| Dr. Animesh Barman | * Examiner University of Mysore * Coordinator of open day celebrations held on 03.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Ajith Kumar U. | * Chairperson for orientation lecture committee during open day celebrations held on 03.02.17 * Attended interview for the post of Professor under APS on 08.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Sandeep M. | * Examiner University of Mysore * Chairperson for stage management and program coordination committee during open day celebrations held on 03.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Sujeet Kumar Sinha | * Examiner University of Mysore * Coordinator of open day celebrations held on 03.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Prawin Kumar | * Examiner University of Mysore * Member secretary for orientation lecture committee during open day celebrations held on 03.02.17 |
| Dr. Niraj Kumar Singh | * Attended interview for the post of Reader under APS on 08.02.17 |
| Dr. Devi N. | * Posted to TCPD in place of Dr. Niraj Kumar w.e.f 01.02.17 * Examiner University of Mysore * Attended interview for the post of Reader under APS on 08.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Chandni Jain | * Examiner University of Mysore * Member secretary for stage management and program coordination committee during open day celebrations held on 03.02.17 |
| Dr. Geetha C. | * Member secretary for registration committee during open day celebrations held on 03.02.17 |
| Dr. Hemanth N. | * Member for special events committee during open day celebrations held on 03.02.17 |
| Dr. Jijo P M | * Member for orientation lecture committee during open day celebrations held on 03.02.17 |
| Mr. PrashanthPrabhu | * Member for orientation lecture committee during open day celebrations held on 03.02.17 * Attended ISO training Program on 22.02.17 |
| Dr. Ramadevi KJS | * Member for exhibition committee during open day celebrations held on 03.02.17 |
| Ms. Revathi K R | * Member for special events committee during open day celebrations held on 03.02.17 |
| Mr. Baba Fakruddin | * Member for transport committee during open day celebrations held on 03.02.17 * Attended ISO training Program on 22.02.17 |
| Ms. Megha | * Attended ISO training Program on 22.02.17 |
| Mr. Sharath Kumar | * Attended ISO training Program on 22.02.17 |
| Mr. Jawahar Antony | * Attended ISO training Program on 22.02.17 |
| Mr. Jithinraj B. | * Attended ISO training Program on 22.02.17 |
| Ms. Jyothi S. | * Member for catering committee during open day celebrations held on 03.02.17 |
| Mr. Vivek A. | * Attended ISO training Program on 22.02.17 |
| Mr. Nike G Gnanateja | * Member for information, publicity and information committee during open day celebrations held on 03.02.17 |
| Ms. Apeksha | * Member for orientation lecture committee during open day celebrations held on 03.02.17 |
| Ms. Nisha K.V. | * Member for registration committee during open day celebrations held on 03.02.17 |
| Mr. Prashanth S. S. | * Member for orientation lecture committee during open day celebrations held on 03.02.17 |
| Mr. Shreyank P Swamy | * Member for information, publicity and information committee during open day celebrations held on 03.02.17 |
| Ms. Sahana V. | * Member for information, publicity and information committee during open day celebrations held on 03.02.17 |

1. **Others-**

|  |  |
| --- | --- |
| **Feedback-January** | Feed back from clients-February 2017: **43**  Very Good-21, Good-11, Satisfactory-3, Not-Satisfactory: 8 |
| **Clinical Charges** | The rates of clinical charges were increased by 25%, the implementation of the same shall be with effect from 01.04.17 |

Dr. Sandeep M. / QûÉä.xÉÇSÏmÉ LqÉ.

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