ऑडियोलॉजी विभाग **/DEPARTMENT OF AUDIOLOGY**

**मंत्ली रिपोर्ट / MONTHLY REPORT**

***FOR THE MONTH OF NOVEMBER 2017***

**Monthly Statistics (From 1st to 30th November 2017)**

**ACADEMIC ACTIVITIES/ शैक्षणिक गतिविधियों**

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

**Orientation**

Ms. Nikita Francis, Clinical Specialist, Advanced bionics upgraded the software and oriented about the new software on 28.11.17

1. **In-house Training / Staff enrichment program – NIL**
2. **Journal club/Clinical Conference-1**

**Clinical Conference**

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| --- | --- | --- | --- |
| **Sl. No** | **Topic** | **Guide** | **Schedule** |
|  | Importance of detailed audiological assessment of individuals with sudden sensorineural hearing loss (SSNHL) in three clients | Dr. Prawin Kumar | 30.11.17 |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. Kihitija Pathak, KLE Hosptial, Belgaum, JNMC | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.11.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Swetha K. & Dr. Aishwarya J.G., Apollo Hospital, Bangalore | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 24.11.17 |

1. **Seminars / Conferences / Workshops**
2. **Organized: NIL**
3. **Attended: NIL**

**Within AIISH-NIL**

**Outside AIISH-NIL**

1. **Guest lectures/Invited talks**
2. **Attended- 1**

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| --- | --- | --- | --- |
| **No.** | **Name**  | **Conference** | **Date** |
| 1. | Ms. Jyothi S. | National Seminar on Swallowing Disorders organized by the department of Speech Language Pathology | 16th to 17th November 2017 |
| 2. | Mr. Darga Baba | Translation of Public Education Material in Hindi-Phase II organied by DMD | 28.11.17 |

1. **Organised- NIL**
2. **Invited talks delivered by the Staff**
3. **Within AIISH: NIL**
4. **Outside AIISH: NIL**

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| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Title of the program & Place** | **Topic of lecture** | **Date** |
|  | Dr. Rajalakshmi K. | Auditory Brainstem Responses & Masking-The Basics and Clinical Application & Recent Advances in the Management of Cleft Palate Children, Baby Memorial Hospital, Calicut | * Auditory Brainstem Responses & Masking
* The Basics and Clinical Application
 | 25th & 26th November 2017 |

1. **Service in Academic bodies of other organization**(Name of the organization, role, tenure):2

|  |  |
| --- | --- |
| **Dr. Asha Yathiraj** | Served as Chief Guest at St. Rosseloos Central School on 14.11.17 |
| **Dr. Sandeep M.** | Examiner (Ph.D) at Manipal university |
| **Dr. Sujeet Kumar Sinha** | Examiner for AYJNISHD, Kolkata |
| **Ms. Mamatha N.M.** | Examiner for University of Kerala, NISH (BASLP) |

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

**RESEARCH ACTIVITIES/** अनुसंधान गतिविधियाँ

**Funded Research Projects:**

1. **Completed Projects: Intra-mural-NIL**
2. **Completed Projects: Extramural Projects -NIL**
3. **New research project initiated: Intra-mural- 7**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Encoding of speech and music at auditory brainstem (frequency following response) with and without hearing aid | To investigate frequency following response for speech and music between unaided and aided responses for individuals with hearing impairment | Dr. Devi N.-PI | ARF | 5.18 |
|  | Auditory processing in children with speech sound disorders | To assess audtitory processing in children with speech sound disorders  | Dr. Chandni Jain-PIMs. Priya M.B.-CI | ARF | 5.25 |
|  | Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairment | Helps in modifying the protocol of hearing aid ftting and in planning an effective rehabilitation program based on the needs of the client | Dr. Geetha C.-PIDr. Chandi Jain-CI | ARF | 5.25 |
|  | Auditory temporal processing in older Adults: Behavioral and Electrophysiological measures Auditory systems | To compare behavioural and electrophysiological measures to study temporal processing in older adults | Mr. Ganapathay M.K.-PIDr. Hemanth N-CIMr. PrashanthPrabhu-PI | ARF | 5.18 |
|  | Computer based Audiological Evaluation Software | To develop clinical masking software and to identify issues in the developed software for ways in which it would improved, to document training effect maintenance effect from audilogy students on the usefulness of the developed software  | Dr. Hemanth N.-PIDr.Manjula P.-CI | ARF | 8.74 |
|  | The Genetics of Sensorineural Hearing Loss | To carryout the segregation analysis in the parents and siblings for identifed mutations and to do parallel sequencing of exons of all non-human genes and human orthologues of mouse genes | Dr. Rajalakshmi K.-PI | ARF | 28.79 |
|  | Prevalence of Parental Consanguinity in Children with Communication Disorders a Survey based Study | To study the prevalence of communication disorders in Dharward district | Mr. Sreeraj K. & -PIDr. Jijo P.M. | ARF | 5.14 |

1. **New research project initiated: Extramural-3**

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| --- | --- | --- | --- | --- |
| **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 |
| 2. | Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss | Dr. Sandeep M | DST(3 years) | 47.52 |
| 3. | Efficacy of computer based traiing module on auditory and cognitive skills in children with central auditory processing disorders | Dr. Prawin Kumar | DST(3 years) | 28.49 |

1. **Ongoing research project: Intra-mural - 16**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Objectives** | **Investigators** | **Funding source** | **Grant amount** ` |
|  | 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 UDr. Santosh M. | ARF | 4.33 |
|  | Bithermal Caloric Test and Video Impulse Test for the Assessment of Unilateral Vestibular Pathologies | To identify association between pithermal and video | Mr. Niraj Kumar SinghDr. Rajashwari G. | ARF | 4.33 |
|  | 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. RamadeviSreenivasMs. Mamatha N.M.,  | 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 SinhaDr.Animesh Barman Dr. D.S. Guru, Dr. VijayakumarNarne | ARF | 2.15 |
|  | 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 |
|  | 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. JayashreeShanbalDr. 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. SachchidanandSinhaDr. 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 withSNHL 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:2**

Final Ph.D. Open viva-voce of Mr. Sharath Kumar was on 08.11.17

Final Ph.D. Open viva-voce of Mr. Ganapathy was on 08.11.17

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| **No.** | **Name** | **Topic** | **Guide** |
|  | M.K. Ganapathy | Effect of age and noise on acoustic change complex – An electrophysiological study (Received Ph.D Notification on 17.11.17) | Prof. Manjula P |
|  | Sharath Kumar K.S.  | Effect of noise reduction algorithms (NRA) in hearing aids on acoustic and perceptual measures(Received Ph.D Notification on 17.11.17) | Prof. Manjula P(Submitted with corrections on 24.07.17) |

1. **Open Viva: NIL**
2. **Thesis:**

Prethesis colloquium of Ms. Nisha K.V.(Guide-Dr. Ajith Kumar) on 01.11.17

**Submitted: 5**

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| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide** |
|  | Roshni Pillai | 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 |
|  | Prashanth Prabhu P | Amplification strategies to improve aided speech perception in individuals with auditory neuropathy spectrum disorder | 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 |

1. **Under Progress: 20**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide** |
|  | 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 |
|  | 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. AnimeshBarman |
|  | 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. RajalakshmiK |
|  | 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. | Effects of temporal resolution, working memory and personality on benefit of hearing aids in older adults | Dr. Manjula P. |
|  | Anoop | Cognitive and ERP measures of informational masking in young and elderly normal hearing individuals | Dr. Ajith Kumar U. |
|  | ShubhaTak | Loudness perception in children using hearing aids and children using cochlear implant | Dr. AshaYathiraj |
|  | Shreyank | Comparison of contralateral suppression of otoacoustic emission between children with APD and children with ADHD | 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** |
|  | Amruthavarshini B | Comparison of performance on SPIN-K between non-native Kannada speakers having Malayalam as native language and native Kannada speakers | Dr. Asha Yathiraj |
|  | Jain Slesha N. | Comparison of performance on SPIN-K between non-native Kannada speakers having Hindi as native language and native Kannada speakers | Dr. Asha Yathiraj |
|  | Nayana P V | Lexical Neighbourhood Test for Children in Malayalam (LNT-M) | Dr. Asha Yathiraj |
|  | Aishwarya Lakshmi | Comparison of objective and subjective approachesfor verification of RIC hearing aids | Dr. Manjula P. |
|  | Harish Kumar M.K | Effect of attitude towards hearing loss on hearing aid outcomes | Dr. Manjula P. |
|  | Angeline | Development of video for counseling hearing aid users and check its efficacy using hearing aid handling skills | Dr. Rajalakshmi K. |
|  | Chandan R | Noise induced hearing loss effect and awareness in city bus drivers | Dr. Rajalakshmi K. |
|  | Nikhil J. | Internet based cognitive behavioural therapy for adults with tinnitus in India | Dr. Rajalakshmi K. |
|  | Varsha C S | Relationship between some aspects of Temporal processing and speech in noise scores in individuals with normal hearing | Dr. Animesh Barman |
|  | Rucha | Efferent Auditory Pathway and language learning | Dr. Ajith Kumar U. |
|  | Varsha | Auditory working memory skills in normal hearing individuals exposed industrial noise | Dr. Ajith Kumar U. |
|  | Shezeen | Relationship between contralateral inhibition of otoacoustic emissions and speech perception in noise: effect of signal to noise ratio and linguistic load | Dr. Ajith Kumar U. |
|  | Khatri Ehteshaam Anwar Hussein | Effect of Varying Interstimulus Interval on Multifrequency ABR | Dr. Sandeep M. |
|  | Shruthi G N | Effect of noise on context dependant brainstem encoding of speech | Dr. Sandeep M. |
|  | Sam Publius A. | Practice effects of odd ball paradigm in P300 responses | Dr. Sandeep M. |
|  | Mayelmeit Lepcha | Vestibular problem in individuals with sensorineural hearing loss | Dr. Sujeet Kumar Sinha |
|  | Mayur Pathak | Speech evoked aided cortical potentials in adults using hearing aids | Dr. Prawin Kumar |
|  | Mangal Yadav | Sentence perception abilities in presence of noise among hearing aid users | Dr. Prawin Kumar |
|  | Udhayakumar R | Comparison of syllabic and dual compression on non-linear hearing aid processed Malayalam chimeric sentences | Dr. Devi N. |
|  | Vinayagar P.T | Comparison of syllabic and dual compression on non-linear hearing aid processed Kannada chimeric sentences | Dr. Devi N. |
|  | Shiyaam Sundar | Outcome of experienced users of wireless synchronizationdigital hearing aids using Speech, Spatial and Qualities questionnaire. | Dr. Geetha C. |
|  | RajaSuman | The influence of Proficiency of the non-native background language on Speech recognition of native language | Dr. Geetha C. |
|  | Rajesh | The effect of insertion gain and preferred gain on speech intelligibiliy | Dr. Geetha C. |
|  | Chandan Kumar Nayak       | Gap detection test using MLP -Development of normative in children (9-11 years) | Dr. Chandni Jain |
|  | Prithivi.T | Gap detection test using MLP -Development of normative in children (7-9 years**)** | Dr. Chandni Jain |
|  | Adithya Sugathan | Chained frequency specific tone burst stimuli for aided ABR threshold estimation in individuals with SNHL | Mr. Sreeraj K. |
|  | Megha K N | Effect of noise exposure and aging on ABR and OAEs | Mr. Sreeraj K. |
|  | Radhika Mathur | Correlation of self-assessment measures for tinnitus handicap with quality of life and its relation to psychoacoustic factors | Mr. Sreeraj K. |
|  | Rakshith | Assessment of Localization and Cognitive Ability in Individuals with Hearing Impairment: A study on Simulated Road Traffic Environment | Dr. Hemanth N. |
|  | Sujan | Frequency Discrimination Treatment and Relapse on Tinnitus: A Single Subject Design | Dr. Hemanth N. |
|  | Vishwaraj | Prevalence and Audiological Characteristics of Single Sided Deafness in Individuals with Sensorineural Hearing Loss reported to AIISH 2015-2018 | Dr. Hemanth N. |
|  | Chaitra K C | Binaural Interaction Component for Speech Evoked ABR in Older adults. | Mr. Ganapathy M.K. |
|  | Suprabha Kappadi  | Effect of Occupational Noise exposure on Efferent Auditory System. | Mr. Ganapathy M.K. |
|  | Ananya Basappa | Evaluation of temporal processing abilities in individuals with hypertension. | Mr. Prashanth Prabhu |
|  | Anup Ghimire | Development of low frequency word lists in Nepali language | Mr. Prashanth Prabhu |
|  | Disha P Karnad | Evaluation of distortion product otoacoustic emission input output function in individuals with auditory neuropathy spectrum disorder | Mr. Prashanth Prabhu |

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

**National: 7**

1. AshaYathiraj, Manjula P., Geetha C., Megha, Jawahar Antony (2017). Comparision of ipsilateral and contralateral eSRT measures in two surgical approaches for cochlear implantation. Paper presented at CIGICON, 2017 held at Visakhapatnam, India on 3-4 November 2017.
2. AshaYathiraj, Manjula P., Geetha C., Jawahar Antony, Megha (2017).  Negative middle ear pressure and non-auditory stimulation in a child using cochlear implantation. Paper presented at CIGICON, 2017 held at Visakhapatnam, India.
3. AshaYathiraj, Geetha C., Megha, Jawahar Antony, Nayana P Kumar (2017).  Comparision of speech perception scores accross two different cochlear implant companies. Paper presented at CIGICON, 2017 held at Visakhapatnam, India.
4. Manjula, P., Sam Publius, Nikhil, J., Vikas, M. D (2017).   Validity and reliability of single- and multi- frequency stimuli in eliciting Auditory Steady State responses (ASSR). Paper presented at CIGICON, 2017 held at Visakhapatnam, India.
5. Manjula, P., Sam Publius, A., Nikhil, J., Vikas, M. D. (2017).  Utility of ASSR in Differentiating Ears with Severe and Profound Hearing Loss. Paper presented at CIGICON, 2017 held at Visakhapatnam, India.
6. Niraj Kumar Singh and Prawin Kumar (2017). Cochlear Implant Causes Undesirable Vestibular Stimulation: Evidences from Behavioral Balance Assessment Data. Paper presented at CIGICON, 2017 held at Visakhapatnam, India.
7. Niraj Kumar Singh, SachchidanandSinha, Nirnay Kumar Kesree, Shenal Kothari, Sudhir Kumar and Prawin Kumar (2017). Saccular Function in Cochlear Implantees: Effect of Cochlear Implant Surgery and Surgery Technique. Paper presented at CIGICON, 2017 held at Visakhapatnam, India.

 **International: NIL**

1. **Research Papers Published**

**In-house publications: NIL**

**NationalPublications: NIL**

**International Publications: 1**

Spoorthi Thammaiah, Vinaya Manchaiah, Vijayalakshmi Easwar, Rajalakshmi Krishna & Bradley McPherson (2017). Community-based hearing rehabilitation: Implementation and Outcome Evaluation. Perspectives of the ASHA Special Interest Groups. SIG 17, Vol. 2 (Part 2), 2017.

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

|  |  |
| --- | --- |
| Dr. Sujeet Kumar Sinha | Reviewer of ISHA abstractsReviewer of JISHA |
| Dr. Geetha C. | Reviewer of ISHA abstracts |

1. Journal Editorship

***Dr. Manjula P.***

Associate Editor (Hearing)-JAIISH

***Dr. Sandeep M***

Managing Editor-JAIISH

***Dr. Prawin Kumar***

Editor-JISHA

***Mr. PrashanthPrabhu***

Editorial panel member of an International Journal titled ‘EC Neurology’

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

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| 1. **Hearing Evaluation**

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| --- | --- |
| Clients seen in OPD | 1455 |
| Clients seen at JC block | 1025 |
| Clients seen in camps | 426 |
| ***Ears with diff degrees of HL***  |  |
| ·  Normal hearing | 238 |
| ·  Minimal | 101 |
| ·  Mild | 91 |
| ·  Moderate | 85 |
| ·  Moderately severe | 82 |
| ·  Severe | 80 |
| ·  Profound | 145 |
| . Minimal to mild | 0 |
| . Mild to moderate | 5 |
| . Mod.to modtly severe | 2 |
| . Modtly severe to sev. | 5 |
| . Severe to profound | 6 |
| . Moderate to severe | 0 |
| . Sloping | 74 |
| ***Ears tested having***  |  |
| . Conductive hearing       | 198 |
| . Mixed hearing loss | 275 |
| . SN hearing loss | 568 |
| Clients with unil HL  | 112 |
| Clients with bil HL | 777 |
| Ears with Aud. Dys-synchrony | 6 |
| Clients with APD | 1 |
| Clients with Funl HL | 18 |
| Clients - tinnitus evaln | 20 |
| Clients for PTA  | 985 |
| Clients for Sp.Aud | 968 |
| Clients for Immitt. evln | 981 |
| Clients for OAE  | 238 |
| Clients for ABR  | 267 |
| Clients for VEMP  | 5 |
| Clients for VHIT | 0 |
| Clients for BOA  | 29 |
| Clients for VRA  | 20 |
| Clients for LLR | 2 |

 | 1. **Hearing Aid Trial**

|  |  |
| --- | --- |
| **Hearing Aid Trial** |  |
| No. of clients seen for HAT | 727 |
| HAs prescribed at AIISH | 421 |
| Body level hearing aids | 31 |
|  - ADIP | 0 |
| * Purchased
 | 0 |
| ·    Analogue BTE | 68 |
| ·    Digital BTE | 261 |
| ·    Trimmer Digital BTE | 0 |
| . Mini BTE | 11 |
| ·    Digital ITE | 0 |
| ·    Digital ITC | 6 |
| ·    Digital CIC | 0 |
| . Digital RIC | 44 |
| No. of clients recommended  | 105 |
| ·    Auditory training  | 97 |
| ·    Speechreading | 8 |
| HA prescribed on exchange | 4 |
| Unaided/aided audiograms | 95 |
| Aided VRA  | 24 |
| Programming of digital HA | 279 |
| No. of IGO done | 1 |
| EAC of hearing aids done | 9 |
| Tretrial with CEM | 76 |
| Recommended for ear plugs | 1 |
| Unaided & aided LLR done | 0 |

1. **Counseling and Guidance**

|  |  |
| --- | --- |
| Total no. of counseled  | **727** |
| No. of clients counseled at AIISH | 477 |
| No. of clients counseled at Camps | 250 |

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1. **Ear moulds**

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| --- |
| **Earmold lab** |
| Clients ear imprn. taken | 531 |
| * New clients
 | 169 |
| * Old clients
 | 362 |
| Ear impressions taken | 1084 |
| * Free-of-cost
 | 210 |
| * 100% payment
 | 663 |
| * At camp
 | 211 |
| * CPL impressions received
 | 0 |
| EMs completed | 1073 |
| No. Mould Lacquered | 137 |
| No. of sound tube issued | 156 |
| Hard regular moulds | 56 |
| Hard shell mould made | 1 |
| Soft mould made | 493 |
| Hard canal moulds | 0 |
| Soft canal moulds | 6 |
| ITC impression made | 13 |
| Swimmer plug (soft)  | 10 |
| Swimmer plug (hard)  | 0 |
| No. of ear blocked  | 1 |
| EMs with aco. modificns. | 0 |
| Clients seen at camp | 202 |
| CPL moulds completed | 0 |

 ***State wise statistics Revenue***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **States** | **Statistics** |  | **Sl.No.** | **Details** | **Amount** |
|  | Andhra Pradesh | 0 |  |  | Spares | 8580 |
|  | Karnataka | 495 |  |  | Post | 750 |
|  | Kerala | 26 |  |  | Making ear moulds | 153980 |
|  | Tamil Nadu | 10 |  |  |  |  |
|  | Telangana | 0 |  |  |  |  |
|  | 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 | 6 | 5 | 2 | 2 | 15 | 10 |
| 2-5 | 51 | 49 | 82 | 44 | 92 | 56 |
| 6-10 | 18 | 21 | 20 | 19 | 42 | 50 |
| 11-15 | 29 | 8 | 20 | 5 | 18 | 14 |
| 16-20 | 28 | 12 | 10 | 4 | 16 | 5 |
| 21-25 | 42 | 23 | 10 | 0 | 10 | 2 |
| 26-30 | 49 | 19 | 6 | 2 | 1 | 2 |
| 31-35 | 40 | 20 | 6 | 0 | 4 | 1 |
| 36-40 | 25 | 25 | 2 | 2 | 4 | 0 |
| 41-45 | 37 | 30 | 11 | 3 | 4 | 4 |
| 46-50 | 51 | 32 | 6 | 5 | 6 | 12 |
| 51-55 | 49 | 27 | 7 | 9 | 9 | 5 |
| 56-60 | 39 | 30 | 16 | 8 | 19 | 9 |
| 61-65 | 45 | 22 | 22 | 12 | 16 | 6 |
| 66-70 | 53 | 17 | 34 | 10 | 18 | 9 |
| 71-75 | 42 | 13 | 33 | 9 | 27 | 8 |
| 76-80 | 25 | 16 | 26 | 7 | 15 | 5 |
| 81-85 | 18 | 3 | 14 | 2 | 7 | 2 |
| 86-90 | 4 | 1 | 3 | 1 | 4 | 1 |
| 91+ | 1 | 0 | 3 | 0 | 3 | 0 |
| **Total** | 652 | 373 | **333** | **144** | **330** | **201** |
| **1025** | **477** | **531** |

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

1. **Implantable Hearing Devices Unit**

|  |
| --- |
| **Implantable Hg. Devices Unit** |
| No. of cases seen | **12** |
| 1. Non-ADIP
 | 561 |
| 1. ADIP-CI
2. RBSK-SAST
 |
| No. of switch on | **1** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 001 |
| No. of sessions | **13** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 562 |
|  |  |
| Mapping for CI | **10** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 451 |
| Aided audiograms for CI | 12 |
| Troubleshooting CI devices | **3** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 210 |
| Counselling for CI clients | **13** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 562 |
| BAHA trial | 0 |
| Candidacy for CI | 6 |
|  |  |

1. **Listening Training Unit**

|  |  |
| --- | --- |
| **Listening Training Unit** |  |
| Clients seen  | 220 |
| Sessions taken | 895 |
| Clients for whom demo therapy given | 17 |
| New clients | 27 |
| Repeat clients | 193 |
| Clients discharged | 8 |
| Clients discontinued | 6 |
| Pre-school sessions attended | 0 |
| Clients given training in Hindi  | 22 |
| Clients with CI trained | 40 |
| Sessions for clients with CI taken | 212 |
| Clients with tinnitus attended therapy | 13 |
| Sessions for clients with tinnitus | 30 |
| Clients with ANSD | 1 |
| Sessions for clients with ANSD | 4 |
| Clients with hyperacusis | 0 |
| Clients with CAPD | 1 |
| Sesseionsforclientswith CAPD | 6 |
| Clients for speech reading | 0 |
| Clients for observn for HAT | 1 |

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

***Certificates Issued***

|  |  |
| --- | --- |
| Financial aid (pension of GOK) | 96 |
| Admission to deaf school  | 0 |
| Physically handicapped | 0 |
| Tax exemption | 0 |
| Education scholarship | 0 |
| Driving licence | 4 |
| LIC | 0 |
| CI | 8 |
| Estimation certificate for hearing aids | 27 |
| Reimbursement letters | 4 |
| Certificate issued at camp | 0 |
| **Total** | **139** |

**PUBLIC EDUCATION AND OUTREACH SERVICES/**सार्वजनिकशिक्षाऔरआउटरीचसेवाएं

1. **Communication Disorders Screening Camps (**Details such as **v**enue, Staff deputed, No. of clients seen, Assessment & Rehabilitation Details)-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Place** | **Staff** | **Details of the camp** | **No.** |
| 09.11.17 | Keragalli,Mysuru | Mr. Jithin | Total No. of cases seen  | 143 |
| Total Hearing Aid prescribed  | 0 |
| No. of cases referred to AIISH | 6 |
| Cases who can manage without hearing aid | 0 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 0 |
| Impression taken | 0 |
| 10.11.17 | BannikuppeHunsur | Mr. Dileep Kumar,Ms. Megha | Total No. of cases seen  | 48 |
| Total Hearing Aid prescribed  | 37 |
| No. of cases referred to AIISH | 2 |
| Cases who can manage without hearing aid | 3 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 29 |
| Impression taken | 29 |
| 17.11.17 | Harave, Chamarajanagar | Mr. VikasMr. Kumarswamy | Total No. of cases seen  | 62 |
| Total Hearing Aid prescribed  | 61 |
| No. of cases referred to AIISH | 21 |
| Cases who can manage without hearing aid | 0 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 59 |
| Impression taken | 60 |
| 20.11.17 | Melekote, Mandya | Mr. Darga BabaMr. Sudarshan | Total No. of cases seen  | 77 |
| Total Hearing Aid prescribed  | 77 |
| No. of cases referred to AIISH | 0 |
| Cases who can manage without hearing aid | 0 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 62 |
| Impression taken | 62 |
| 20.11.17 | Maliyuru,Chamarajnagar | Ms. ShantalaMr. Jayaram M.T. | Total No. of cases seen  | 94 |
| Total Hearing Aid prescribed  | 91 |
| No. of cases referred to AIISH | 1 |
| Cases who can manage without hearing aid | 2 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 57 |
| Impression taken | 57 |

1. **Other Outreach Services-NIL**
2. **Public lecture series- NIL**

**TECHNOLOGICAL CONSULTANCY SERVICES/**तकनी की परामर्श सेवाएं**-NIL**

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

***Best Paper Award at CIGICON-2018***

AshaYathiraj, Manjula P., Geetha C., Jawahar Antony, Megha (2017).  Negative middle ear pressure and non-auditory stimulation in a child using cochlear implantation

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

**MAJOR EVENTS/**प्रमुख ईवेंट**-**

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

**VISITORS/**आगंतुकों-

|  |  |  |
| --- | --- | --- |
| **Date** | **Visitors** | **No.** |
| 07.11.17 | Mr. T. Yogesh, Additional Deputy Commissioner, Mysore visited the department on 07.11.17,  | 1 |
| 03.11.17 | B.Ed students, 32 students and 2 staff from Shabulingeshwara College of Education, Jayanthinagar, Pandavpura | 34 |

**ANY OTHER/**कोई दूसरा

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

|  |  |
| --- | --- |
| **Dr. AshaYathiraj** | * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17
* Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17
 |
| **Dr. Manjula P.** | * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17
* Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17
* Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17
* Chairperson of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17
 |
| **Dr. Rajalakshmi K.** | * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17
 |
| **Dr. Animesh Barman** | * Member of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17
 |
| **Dr. Ajith Kumar U.** | * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17
* Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17
* Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17
 |
| **Dr. Sandeep M.** | * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17
* Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17
* Member of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17
 |
| **Dr. Sujeet Kumar**  | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Dr. Prawin Kumar** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Ms. Devi N.** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Ms. Geetha C.** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Dr. Chandni Jain** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Mr. Sreeraj K.** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Mr. PrashanthPrabhu** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Mr. Hemanth N.** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |
| **Mr. Ganapathy M.K.** | * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17
 |

1. **Others-**

|  |  |
| --- | --- |
| **Feedback -November** | **Total: 23**Very Good: 12; Good: 3; Satisfactory: 2; Not satisfied: 6 |
| **Appointment** | * The tenure of Mr. Prashanth S.S. got extended for 3 months from25.10.17 to 24.01.18
* Ms. Sheba Merin Jacob, Audiologist Gr-II was relieved on 28.11.17
* Mr. Sanjeev, M.Sc bond staff joined as Clinical Audiologist Gr-II on 29.11.17
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