**DEPARTMENT OF AUDIOLOGY/** ऑडियोलॉजी विभाग

**MONTHLY REPORT FOR THE MONTH OF JUNE 2017 / मंत्ली रिपोर्ट फॉर थे मंत ऑफ जून 2017**

**Monthly Statistics (From 1st to 31st June 2017)**

**ACADEMIC ACTIVITIES/ शैक्षणिक गतिविधियों**

1. **Short-term Training / Orientation Programs organized-NIL**
2. **In-house Training / Staff enrichment program – 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Topic of lecture** | **No. of Participants** | **Date** |
|  | Ms. Pratibha | Hearx: A mobile based hearing screening application | 29 | 07.06.17 |
|  | Ms. Sahana V. | Personalized object-based audio for hearing impaired TV viewers | 31 | 05.07.17 |

1. **Journal conference/Clinical Conference- NIL**
2. **Clinical Observation postings of students from other Institutes: 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. Utkarshanad,JNMC, Belagavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 02.06.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Ms. Vaishnavi A Patil, Psychologist, Gujarat Forensic Science university (IBS), Gandhinagar, Gujurat | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 14.06.17 |

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

**Within AIISH-1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Title of the program** | **Venue** | **Date** |
|  | Dr. Devi N. & Ms. Mamatha N.M. | Virtual seminar on ‘Applied Behavioural Analysis’ by Dr. RadhikaPoovaya | Seminar hall, AIISH | 07.06.17 |

**Outside AIISH-NIL**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Name** | **Title of the program** | **Resource person** | **Venue** | **Date** |
|  | Dr. AshaYathiraj, Dr. Rajalakshmi K., Dr. Ajith Kumar, Dr. Sandeep M., Dr. Prawin Kumar, Dr. Devi N., Ms. Mamatha N.M., Mr. Ganapathy M.K. and all JRFs & research officers | Editorial skills | Dr, BharathChandrasekaran, Associate Professor, Department of Communication Sciences and Disorders, University of Texas. | AIISH | 29.06.17 |

1. **Organised- NIL**
2. **Invited talks delivered by the Staff**
3. **Within AIISH: NIL**
4. **Outside AIISH: NIL**
5. **Service in Academic bodies of other organization**(Name of the organization, role, tenure)

|  |  |
| --- | --- |
| Dr. Manjula P. | * Attended state cochlear committee meeting held at suvarnaarogyasuraksha trust, Bangalore on 09.05.17
 |
| Dr. Rajalakshmi K. | * Served as External examiner at Manipal University
 |
| Dr. Ajith Kumar U. | * Served as External examiner at Manipal University
 |
| Dr. Sandeep M. | * Served as external examiner (Ph.D) on 11.05.17
* Served as External examiner at Manipal University
* External Examiner in SRMU on 20th and 21st June
 |
| Dr. Sujeet Kumar Sinha | * Served as External examiner at Manipal University
 |
| Dr. Prawin Kumar | * Served as External examiner at Manipal University
 |
| Dr. Geetha C. | * Served as External examiner at Bharati vidyapeet
 |
| Dr. Chandni Jain | * Served as External examiner for Manipur University
 |

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:**

DST proposal submitted for the year 2017-18: 7

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Title** | **Investigator/s** | **Amt.** |
|  | Cognitive functions in elderly individuals with vestibular disorders: An Indian Perspective | Dr. Sujeet Kumar Sinha, Dr. Sanjeev Kumar Gupta | 33,56,000 |
|  | Auditory and cognitive consequence of Dys-synchronous auditory nerve activity | Dr. Ajith Kumar U.Dr. Sandeep M. | 43,99,560 |
|  | Neuroaudiological profiling of children with specific language impairment | Dr. Animesh BarmanDr. Swapna N.Mr. PrashanthPrabhu P | 26,97,000 |
|  | Development of some auditory related cognitive test: Assessment of cognitive reserve in individuals with sensori-neural loss | Dr. Hemanth N.Dr. Ajith Kumar U. | 28,73,000 |
|  | Relationship between behavioral and electrophysiological indices of cognition and language in children with auditory processing disorders and co-morbid conditions | Dr. Prawin KumarDr. Niraj Kumar Singh; Dr. BrajeshPriyadershi; Dr. Amrita Kanchan Dr. Niraj Kumar Singh; Dr. BrajeshPriyadershi; Dr. Amrita Kanchan | 32,26,000 |
|  | Effect of Vestibular Impairment and Vestibular Rehabilitation Therapy on Cognition and Language Processing | Dr. Niraj Kumar SinghDr. Prakash; Dr. Prawin Kumar; Dr. Amrita Kanchan; Dr. BrajeshPriyadarshi | 68,00,100 |
|  | Effect of age-related changes in body balance on cognition and verbal communication: a behavioural and electrophysiological study | BrajeshPriyadarshiDr. Niraj Kumar SinghDr. Prawin Kumar; Dr. Sanjeev Kumar Gupta | 68,00,100 |

1. **Completed Projects: Intra-mural- 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 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 | **PI-**Mr. Kishore Tanniru**CI-**Prof. Animesh Barman | 4.33(ARF) |

1. **Completed Projects: Extramural Projects -NIL**
2. **New research project initiated: Intra-mural- NIL**
3. **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 - 16**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 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:NIL**
4. **Open Viva: NIL**
5. **Thesis:**

**Pre-thesis colloquium submitted**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |
|  | 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 |

1. **Under Progress: 24**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide** |
|  | M.K. Ganapathy | Effect of age and noise on acoustic change complex – An electrophysiological study | 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. 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. | 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: NIL**
4. **Research Paper Publications/ Presentations**
5. **Presented at National/International Conferences /Seminars**

**National: NIL**

 **International:**

1. Renuka C, Ajish K. Abraham, Devi N., Swapna N. (2017). Robotic communicative tool in speech and hearing: A review. International conference on Innovative research in engineering and technology on 11th June 2017, Mysuru.
2. **Research Papers Published**

**In-house publications: NIL**

**NationalPublications: 4**

1. Jain, S. & Jain, C. (2017). Effectiveness of clinical trial of tinnitus retraining therapy on temporal processing and perceptual judgment in tinnitus. JAIISH (2016), Vol 35, pg. 44-57.
2. Abraham, A. K., Jain C. &Yashaswini L (2017). Effect of ambient noise on pure tone hearing screening test conducted in Indian rural locations. JAIISH (2016), Vol 35, pg. 58-65.
3. [KV Nisha](http://www.jisha.org/searchresult.asp?search=&author=KV+Nisha&journal=Y&but_search=Search&entries=10&pg=1&s=0), [U Ajith Kumar](http://www.jisha.org/searchresult.asp?search=&author=U+Ajith+Kumar&journal=Y&but_search=Search&entries=10&pg=1&s=0) (2016). Effect of localization training in horizontal plane on auditory spatial processing skills in listeners with normal hearing, [Journal of Indian Speech Language & Hearing Association](http://www.journalonweb.com/jisha/default.asp?err=Missing+username%20and/or%20password.), 30(2), 28-39. DOI:10.4103/jisha.JISHA\_2\_1.
4. ShiyaamsundarBhaskar, Sam Publius Anil, AkshayMahadeva, SreerajKonadath (2017). Perception of noisiness in various professionals exposed to occupational noise. Journal of Indian Speech Language & Hearing Association, Volume 30, Issue 2, July-December 2016, pg. 47-52

**International Publications: 11**

1. Sandeep Maruthy, G. Nike Gnanateja, M. Shamantha, M. Nayana (2017). Test-retest reliability of contralateral suppression of acoustic middle ear muscle reflex. Indian Journal of Otology, Volume 23, Issue 2, Aril-June 2017 (pg 89-93)
2. Devi N, Chatni S, Ramadevi K J, Fakruddin DB (2017). Comparison of performance across transcranial contralateral routing of signal, trimmer digital and digital bone-anchored hearing implant (with headbands) in children with unilateral hearing los. Indian Journal of Otology 2017; 23:98-103.
3. Prabhu, P.,  Shradha, M.. &Nasima, B.A. (2017). Test-retest reliability of components of multi frequency tympanometry. *The Journal of International Advanced Otology,* *13*, 74-76. 10.5152/iao.2017.3479.
4. Prabhu, P., Gowtham, V., Kristi, K.D,,Prajwal, K. &Swathi, G. (2017). Influence of smoking on ultra-high-frequency auditory sensitivity. *The Journal of International Advanced Otology,* *13*, 110-112. 10.5152/iao.2017.3412
5. [Kavassery Venkateswaran Nisha,](http://www.advancedotology.org/eng/arama/yazar/5257/Authors) [Ajith Uppunda Kumar](http://www.advancedotology.org/eng/arama/yazar/5258/Authors%22%20%5Ct%20%22_blank)(2017). [Virtual Auditory Space Training-Induced Changes of Auditory Spatial Processing in Listeners with Normal Hearing](http://www.advancedotology.org/eng/makale/1024/94/Full-Text).  b(J Int Adv Otol 2017; 13: 118-127) DOI: 10.5152/iao.2017.3477
6. Sujeet Kumar Sinha, Jyothi Shivaswamy, Animesh Barman, Divya Seth, Danush Seshadri, S.R. Savithri (2017). Prevalence of communication disorders in a rural population at taluq level of Gujarat, India. Clinical Epidemiology and global health 5 (73-78) (<http://dx.doi.org/10.1016/j.cegh.2016.08.006>)
7. Sreeraj Konadath, Suma Chatni, M.S. Lakshmi, Jitendra K. Saini (2017). Prevalence of communication disorders in a group of islands in India. Clinical Epidemiology and global health 5 (79-86) (<http://dx.doi.org/10.1016/j.cegh.2016.08.003>)
8. Kumari Apeksha, Ajith U Kumar (2017). Speech perception in quiet and in noise condition in individuals with auditory neuropathy spectrum disorder. The journal of international advanced otology, 13 (1):
9. Renuka C, Ajish K. Abraham, Devi N., Swapna N. (2017). Robotic communicative tool in speech and hearing: A review. International Journal of Innovative Research in Management, Engineering and Technology (IJIRMET), Volume 2, Issue 5, May 2017.
10. Roshni Pillai & Asha Yathiraj (2017). Auditory, visual and auditory-visual memory and sequencing performance in typically developing children. International Journal of Pediatric Otorhinolaryngology. Volume 100, September 2017, Pages 23-24
11. Prabhu, P.*&* Barman, A*.*(2017).Effectiveness of low-cut modified amplification using receiver in the canal hearing aid in individuals with auditory neuropathy spectrum disorder. *International Archives of Otorhinolaryngology. 21,*243-249.doi: 10.1055/s-0036-1593471.
12. Papers published in conference / Seminar Proceedings-NIL
13. Books/Book chapters published- NIL
14. Books/Manuals/Seminar Proceedings edited-NIL
15. Scholarly Reviewing Activities-

|  |  |
| --- | --- |
| Mr. Prashanth Prabhu | * Journal of Indian Speech and Hearing association
 |

1. Journal Editorship

***Dr. AshaYathiraj***

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**

|  |  |
| --- | --- |
| Clients seen in OPD | 1318 |
| Clients seen at JC block | 1206 |
| Clients seen in camps | 86 |
| ***Ears with diff degrees of HL***  |  |
| ·  Normal hearing | 393 |
| ·  Minimal | 221 |
| ·  Mild | 284 |
| ·  Moderate | 337 |
| ·  Moderately severe | 256 |
| ·  Severe | 333 |
| ·  Profound | 356 |
| . Minimal to mild | 3 |
| . Mild to moderate | 28 |
| . Mod.to modtly severe | 27 |
| . Modtly severe to sev. | 37 |
| . Severe to profound | 77 |
| . Moderate to severe | 6 |
| . Sloping | 68 |
| ***Ears tested having***  |  |
| . Conductive hearing       | 227 |
| . Mixed hearing loss | 352 |
| . SN hearing loss | 552 |
| Clients with unil HL  | 145 |
| Clients with bil HL | 910 |
| Ears with Aud. Dys-synchrony | 5 |
| Clients with APD | 1 |
| Clients with Funl HL | 7 |
| Clients - tinnitus evaln | 26 |
| Clients for PTA  | 1128 |
| Clients for Sp.Aud | 1138 |
| Clients for Immitt. evln | 1136 |
| Clients for OAE  | 283 |
| Clients for ABR  | 313 |
| Clients for VEMP  | 4 |
| Clients for VHIT | 0 |
| Clients for BOA  | 47 |
| Clients for VRA  | 11 |
| Clients for LLR | 2 |

 | 1. **Hearing Aid Trial**

|  |  |
| --- | --- |
| **Hearing Aid Trial** |  |
| No. of clients seen for HAT | 625 |
| HAs prescribed at AIISH | 411 |
| Body level hearing aids | 60 |
|  - ADIP | 0 |
| * Purchased
 | 0 |
| ·    Analogue BTE | 0 |
| ·    Digital BTE | 313 |
| ·    Trimmer Digital BTE | 1 |
| . Mini BTE | 13 |
| ·    Digital ITE | 0 |
| ·    Digital ITC | 4 |
| ·    Digital CIC | 2 |
| . Digital RIC | 34 |
| No. of clients recommended  | 83 |
| ·    Auditory training  | 66 |
| ·    Speechreading | 17 |
| HA prescribed on exchange | 2 |
| Unaided/aided audiograms | 88 |
| Aided VRA  | 4 |
| Programming of digital HA | 284 |
| No. of IGO done | 0 |
| EAC of hearing aids done | 8 |
| Tretrial with CEM | 155 |
| Recommended for ear plugs | 1 |
| Unaided & aided LLR done | 0 |

1. **Counseling and Guidance**

|  |  |
| --- | --- |
| Total no. of counseled  | **1292** |
| No. of clients counseled at AIISH | 1206 |
| No. of clients counseled at Camps | 86 |

 |

1. **Ear moulds**

|  |
| --- |
| **Earmold lab** |
| Clients ear imprn. taken | 367 |
| * New clients
 | 122 |
| * Old clients
 | 245 |
| Ear impressions taken | 674 |
| * Free-of-cost
 | 117 |
| * 100% payment
 | 485 |
| * At camp
 | 70 |
| * CPL impressions received
 | 2 |
| EMs completed | 650 |
| No. Mould Lacquered | 69 |
| No. of sound tube issued | 104 |
| Hard regular moulds | 45 |
| Hard shell mould made | 0 |
| Soft mould made | 368 |
| Hard canal moulds | 0 |
| Soft canal moulds | 2 |
| ITC impression made | 1 |
| Swimmer plug (soft)  | 11 |
| Swimmer plug (hard)  | 0 |
| No. of ear blocked  | 2 |
| EMs with aco. modificns. | 0 |
| Clients seen at camp | 69 |
| CPL moulds completed | 2 |

 ***State wise statistics Revenue***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **States** | **Statistics** |  | **Sl.No.** | **Details** | **Amount** |
|  | Andhra Pradesh | 2 |  |  | Spares | 6750 |
|  | Karnataka | 350 |  |  | Post | 580 |
|  | Kerala | 14 |  |  | Making ear moulds | 104270 |
|  | Tamil Nadu | 1 |  |  |  |  |
|  | 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 | 14 | 10 | 5 | 3 | 9 | 8 |
| 2-5 | 63 | 32 | 73 | 40 | 51 | 26 |
| 6-10 | 48 | 35 | 46 | 27 | 36 | 31 |
| 11-15 | 63 | 31 | 27 | 21 | 26 | 20 |
| 16-20 | 53 | 35 | 11 | 10 | 8 | 10 |
| 21-25 | 50 | 26 | 10 | 4 | 7 | 4 |
| 26-30 | 28 | 28 | 5 | 5 | 3 | 6 |
| 31-35 | 41 | 30 | 3 | 5 | 1 | 6 |
| 36-40 | 39 | 33 | 9 | 7 | 3 | 6 |
| 41-45 | 36 | 24 | 7 | 8 | 7 | 10 |
| 46-50 | 36 | 21 | 6 | 7 | 1 | 5 |
| 51-55 | 57 | 23 | 9 | 4 | 5 | 4 |
| 56-60 | 38 | 24 | 16 | 8 | 6 | 3 |
| 61-65 | 49 | 24 | 14 | 12 | 3 | 8 |
| 66-70 | 43 | 26 | 23 | 14 | 7 | 4 |
| 71-75 | 38 | 14 | 17 | 8 | 15 | 6 |
| 76-80 | 38 | 14 | 29 | 10 | 9 | 3 |
| 81-85 | 26 | 3 | 23 | 2 | 6 | 0 |
| 86-90 | 10 | 2 | 9 | 1 | 3 | 0 |
| 91+ | 1 | 0 | 1 | 0 | 1 | 0 |
| **Total** | 771 | 435 | **343** | **196** | **207** | **160** |
| **1206** | **539** | **367** |

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

1. **Implantable Hearing Devices Unit**

|  |
| --- |
| **Implantable Hg. Devices Unit** |
| No. of cases seen | 20 |
| 1. Non-ADIP
 | 10 |
| 1. ADIP-CI
 | 10 |
| No. of switch on | 1 |
| 1. Non-ADIP
 | 0 |
| 1. ADIP-CI
 | 1 |
| No. of sessions | 26 |
| 1. Non-ADIP
 | 14 |
| 1. ADIP-CI
 | 12 |
|  |  |
| Mapping for CI | 22 |
| 1. Non-ADIP
 | 12 |
| 1. ADIP-CI
 | 10 |
| Aided audiograms for CI | 9 |
| Troubleshooting CI devices | 5 |
| 1. Non-ADIP
 | 3 |
| 1. ADIP-CI
 | 2 |
| Counselling for CI clients | 26 |
| 1. Non-ADIP
 | 14 |
| 1. ADIP-CI
 | 12 |
| BAHA trial | 0 |
| Candidacy for CI | 3 |
|  |  |

1. **Listening Training Unit**

|  |  |
| --- | --- |
| **Listening Training Unit** |  |
| Clients seen  | 97 |
| Sessions taken | 534 |
| Clients for whom demo therapy given | 13 |
| New clients | 20 |
| Repeat clients | 77 |
| Clients discharged | 10 |
| Clients discontinued | 2 |
| Pre-school sessions attended | 0 |
| Clients given training in Hindi  | 9 |
| Clients with CI trained | 13 |
| Sessions for clients with CI taken | 76 |
| Clients with tinnitus attended therapy | 2 |
| Sessions for clients with tinnitus | 8 |
| 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 | 0 |

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

***Certificates Issued***

|  |  |
| --- | --- |
| Financial aid (pension of GOK) | 133 |
| Admission to deaf school  | 3 |
| Physically handicapped | 0 |
| Tax exemption | 1 |
| Education scholarship | 0 |
| Driving licence | 2 |
| LIC | 0 |
| CI | 4 |
| Estimation certificate for hearing aids | 12 |
| Reimbursement letters | 14 |
| Certificate issued at camp | 0 |
| **Total** | **169** |

**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)-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Place** | **Staff** | **Details of the camp** | **No.** |
| 12.06.17 | Sunkathonnuru, PandavapuraTaluk | Mr. Jithinraj B.Mr. Jayaram M.T. | Total No. of cases seen  | 28 |
| Total Hearing Aid prescribed  | 24 |
| No. of cases referred to AIISH | 2 |
| Cases who can manage without hearing aid | 2 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 22 |
| Impression Taken | 49 |
| 23.06.17 | Gavadagere, HunsurTaluk  | Ms. Sahana V. | Total No. of cases seen  | 58 |
| Total Hearing Aid prescribed  | 35 |
| No. of cases referred to AIISH | 12 |
| Cases who can manage without hearing aid | 11 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 0 |
| Impression Taken | 0 |
| 30.06.17 | Udigala, Chamarajanagara | Ms. Maithri | Total No. of cases seen  | 76 |
| Total Hearing Aid prescribed  | 59 |
| No. of cases referred to AIISH | 3 |
| Cases who can manage without hearing aid | 12 |
| No. of certificates issued | 0 |
| **Ear impression** |  |
| Cases attended | 0 |
| Impression Taken | 0 |

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

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

1. HOD-Co guided 5 students of Vidyavardaka Engineering college in developing a module for speech recognition.
2. Dr. Manjula P. gave inputs to Educators Guild Pvt. Ltd., for setting up assistive technologies for schools in Tamil Nadu and Kerala.

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

***Best paper award***

Renuka C, Ajish K. Abraham, Devi N., Swapna N. (2017). Robotic communicative tool in speech and hearing: A review. International conference on Innovative research in engineering and technology on 11th June 2017, Mysuru.

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

**MAJOR EVENTS/**प्रमुख ईवेंट**-**

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

* RCI inspection was organized on 24.06.17
* ISO external audit was held on 30.06.17

**VISITORS/**आगंतुकों-

***Eminent visitors***

1. Visit of Sri. Sunil Sharma, IAS, Joint Secretary (H), Ministtry of Health and Family Welfare, Government of India to AIISH on 27.06.17
2. Visit of RCI inspectors for inspection for extension of recognition from RCI for the M.Sc (Aud) program for the year 2017-18 on 24.06.17

***Others***

1. Mr. Arvind, Clinical specialist from Advance Bionics came with Ms. Nikita and introduced her as the newly appointed clinical specialist.
2. Meliza Cruz, Senior Clinical Educator, Singapure and Ms. Anjali Bhat, Clinical Specialist from M/s. Cochlear Medical Device Company India Pvt. Ltd. visited AIISH on 04.07.2017.
3. Dr, BharathChandrasekaran, Associate Professor, Department of Communication Sciences and Disorders, University of Texas visited the department and was impressed with the labs and research facilities. He also informed that he would be ready to provide access for information required for researchwork

**ANY OTHER/**कोईदूसरा

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

|  |  |
| --- | --- |
| Dr. AshaYathiraj | * Doctoral committee member of Ph.D candidates (Mr. Sharath, Mr. Reuben)
 |
| Dr. Manjula P. | * Doctoral committee member of Ph.D candidate (Ms. RoshiniPillai)
* Finalized international and national standards related to audiology
 |
| Dr. Rajalakshmi K | * Submitted application for APS
 |
| Dr. Animesh Barman | * Provided international and national standards related to audiology
 |
| Dr. Ajith Kumar U. | * Doctoral committee member of Ph.D candidates (Mr. Sharath, Mr. Reuben)
 |
| Dr. Sandeep M. | * External examiner for conducting practical examination in Audiological assessment and audiological management for DHLS students on 01.06.17
* Orientation on code of conduct for IBASLP students from 11-11.30 on 19th Jun 17
* Attended MRM meeting on 22.06.17
* Doctoral committee member of Ph.D candidate (Mr. Sharath)
 |
| Dr. Sujeet Kumar Sinha | * Doctoral committee member of Ph.D candidate (Ms. RoshiniPillai)
* Class mentor for III B.Sc (Sp. & Hg.) B Section
 |
| Dr. Devi N. | * Internal examiner for conducting practical examination in Audiological assessment and audiological management for DHLS students on 01.06.17
* Class mentor for II BASLP B Section
 |
| Dr. Chandni Jain | * External examiner for practical viva of DHA&ET
* Modified Practical lab module and prepared template for practical lab
* Worked towards official language implementation (Headings of all files, registers and audiogram sheets)
* Staff incharge for practical classes for I BASLP
* Class mentor for I M.Sc (Audiology) B Section
* Submitted application for APS
 |
| Dr. Geetha C. | * Staff incharge for practical classes for III BASLP
* Class mentor for II M.Sc (Audiology) B Section
* Submitted application for APS
 |
| Ms. Mamatha N.M. | * Modified Practical lab module and prepared template
* Attended International Day of Yoga (Guinness world records-Official Attempt) at Mysore Race Course, Mysuru
 |
| Mr. Prashanth Prabhu | * External Examiner" for practical examination (Paper Title: Audiology & Speech) of DECSE (HI) students on 12.06.2017
* Staff incharge for practical classes for II BASLP
* Assisted HOD during external ISO audit on 30.07.17
* Class mentor for I BASLP B Section
 |
| Dr. Hemanth N. | * Staff incharge for practical classes for I M.Sc
 |
| Mr. Ganapathy M.K. | * Staff incharge for practical classes for II M.Sc
* Assisted HOD during external ISO audit on 30.07.17
 |
| Dr. Ramadevi KJS | * Internal examiner for practical viva of DHA&ET
 |
| Mr. Jithinraj B. | * Hospitality incharge of visitors during external ISO audit on 30.06.17
 |
| Mr. Vikas | * Modified Practical lab module and prepared template
 |
| Ms. Yashaswini L. | * Staff incharge for practical classes for II BASLP
 |
| Mr. Rakesh Gatla | * Staff incharge for practical classes for I BASLP
 |
| Ms. Shubha Tak | * Staff incharge for practical classes for I M.Sc
 |
| Mr. Shreyank  | * Staff incharge for practical classes for III BASLP
 |

1. **Others-**

|  |  |
| --- | --- |
| **Feedback** | * Feed back from clients-May : 36

Very Good-24, Good-4, Satisfactory-1, Not-Satisfactory: 7 |
| **Materials developed** | * Practical lab module was modified by Dr. Chandni Jain, Ms. Mamatha N.M & Mr. Vikas M.D. The same shall be circulated for any modifications.
* Dr. Manjula and Dr. Animesh Barman have developed the ANSI standards for audiological testings
 |
| **Release of JAIISH** | * Sri. Sunil Sharma, IAS, Joint Secretary (H), Ministtry of Health and Family Welfare, Government of India released JAIISH on 27.06.17
 |
| **Personal** | * Proposal for Audiologist Gr-II post
* Proposal for change in designation of Mr. Rajesh
* Ms. Dhanalakshmi joined on 14.06.17
* Mr. Jayaram M.T, Ear Mould Technician was relieved on 05.06.17 and joined on 09.06.17
* Ms. Deepthi M, Audiologist Gr-II resigned and was relieved on 09.06.17
 |
| **LTU therapy appointment** | * Therapy assessment appointment at LTU will be given only from 9 a.m. to 10 a.m. and 4.30 to 5.30 p.m.
 |
| **Others** | * Circular on 2 days leave for a month was w.e.f 1st May 2017 for contract staffs
* Management review meeting was held on 22.06.17
* 8 workshop/seminars were approved by the Director
* Ear mould materials have exhausted
* Clinical meeting shall be organized every Fridays from 9 to 10 a.m.
 |

Dr. Sandeep M. / QûÉä.xÉÇSÏmÉ LqÉ.

 HOD – Audiology/ ÌuÉpÉÉaÉÉkrÉ¤É-AÉäÌQûrÉÉåsÉeÉÏ