**ऑडियोलॉजीविभाग /DEPARTMENT OF AUDIOLOGY**

**मासिकरिपोर्ट/ MONTHLY REPORT**

***FOR THE MONTH OF SEPTEMBER 2018***

**Monthly Statistics (From 1stto 30th September 2018)**

**ACADEMIC ACTIVITIES/ शैक्षणिकगतिविधियों**

1. **Short-term Training / Orientation Programs : Nil**

**Orientation Programs organized-Nil**

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Topic** | **Coordinator** | **Lecture delivered** | **Objectives** | **Target audience** | **No. of participants** | **Date** |
| Moodle | Dr. Ajith Kumar U. | Orientation about the software | - | Staff of audiology | - | 05.09.18 |
| Naida Link Cross Solutions | Ms. Merin Mathews | Orientation about the software | - | Staff of audiology | - | 26.09.18 |

1. **Clinical Observation postings of students from other Institutes: 02**
2. **Seminars / Conferences / Workshops**
3. **Organized: 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Name | Title of the program | Venue | Date |
|  | Dr. Ramadevi  | Fine tuning of digital hearing aids-For individuals with hearing impairment | Department of Clinical Services | 27.09.2018 |

1. **Attended: NIL**

**Within AIISH- 2**

**Outside AIISH- 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Title of the program** | **Venue** | **Date** |
|  | Dr. Sujeet Kumar Sinha | 11th ISHA-KSB Conference | Munnar, Kerala | 14th to 16th Sept. 2018 |
|  | Dr. Geetha C. | Speech processing for voice, speech and hearing disorders (WSPD) 2018 | Mysuru | 08.09.18 & 09.09.18 |
|  | Dr. Chandni Jain | Speech processing for voice, speech and hearing disorders (WSPD) 2018 | Mysuru | 08.09.18 & 09.09.18 |
|  | Dr. Sreeraj K. | 11th ISHA-KSB Conference | Munnar, Kerala | 14th to 16th Sept. 2018 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name and designation of staff** | **Title of the program & place** | **Topic of lecture** | **Date** |
|  |  |  |  |  |

**Served as Resource person**

|  |  |  |
| --- | --- | --- |
| **Name of the faculty** | **Place** | **Date** |
| Dr. Devi N. | 4 day workshop for Teachers of KVS in South Zone region at Kendriya Vidyalaya Sangathan, ZIET, Mysuru | 24th to 27th Sept. 2018 |
| Dr.Sujeet Kumar Sinha | 11th ISHA-KSB Conference at Munnar, Kerala | 14th to 16th Sept. 2018 |
| Dr. Prashanth Prabhu | Development and creation of E-platform for FAQ’s on communication disorders conducted by Department of POCD, AIISH | 6th& 7th, 10th& 11th Sept. 2018 |
| Dr. Geetha C. | Development and creation of E-platform for FAQ’s on communication disorders conducted by Department of POCD, AIISH | 6th& 7th, 10th& 11th Sept. 2018 |
| Dr. Devi N. | Development and creation of E-platform for FAQ’s on communication disorders conducted by Department of POCD, AIISH | 6th& 7th, 10th& 11th Sept. 2018 |
| Dr. Sreeraj K. | Development and creation of E-platform for FAQ’s on communication disorders conducted by Department of POCD, AIISH | 6th& 7th, 10th& 11th Sept. 2018 |
| Dr. Hemanth Shetty | Development and creation of E-platform for FAQ’s on communication disorders conducted by Department of POCD, AIISH | 6th& 7th, 10th& 11th Sept. 2018 |
| Dr. Ganapathy M.K. | Acoustic Change Complex in National Seminar on “New Frontiers in Audiology” organized by Department of Hearing Studies, AUDISHCON 2018 | 27th to 29th Sep. 2018 |

1. **Outside AIISH: NIL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name and designation of staff** | **Title of the program & place** | **Topic of lecture** | **Date** |
|  | Dr. Asha Yathiraj | 3rd Annual Conference “AUDISHCON 2018” at Dr. SRC Insitute of Speech and Hearing, Bengaluru | - | 29th Sept 2018 |
|  | Dr. Prawin Kumar | Workshop organized at Vikasa Soudha, Bengaluru | Status of Newborn Screening for Hearing in Karnataka | 10th Sept. 2018 |
|  | Dr. Prashanth Prabhu | 3rd Annual Conference “AUDISHCON 2018” at Dr. SRC Insitute of Speech and Hearing, Bengaluru | - | 29th Sept 2018 |

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

**RESEARCH ACTIVITIES/** अनुसंधानगतिविधियाँ

**Funded Research Projects:**

1. **Completed Projects: Intra-mural- NIL**
2. **Completed Projects: Extramural Projects -NIL**
3. **New research project initiated: Intra-mural- 7 (2017-18)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 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- 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Title** | **Investigators** | **Funding source** | **Grant amount**  |
|  | Auditory and cognitive consequences of dys-synchronours auditory nerve activity | PI-Dr. Ajith Kumar U.CI-Dr. Sandeep M. | DST | 44,00,000 |
|  | Neuro-audiological profiling of children with special language impairment | PI-Dr. Animesh Barman&Dr. Swapna N CI-Dr. PrashanthPrabhu | DST | 33,88,200 |

1. **Ongoing research project: Intra-mural - 15**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 bithermal 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 |
|  | 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-3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | PI: Dr. Rajalakshmi K. | DST | 35.29 |
| 2. | Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss | PI: Dr. Sandeep M.CI: Dr. Santhosh M. | DST(3 years) | 47.52 |
| 3. | Efficacy of computer based training module on auditory and cognitive skills in children with central auditory processing disorders | PI: Dr. Prawin KumarCI: Dr. Niraj Kumar Singh | DST(3 years) | 28.49 |

1. **Doctoral and Post-Doctoral Programs**
2. **Degree Awarded (for the current month): NIL**
3. **Under Progress: 29**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide/Co-guide** |
|  | Megha | Auditory cognitive and neuro-physio -logical basis of hearing aid acclimatization  | Dr. Sandeep M.**Guide** |
|  | Jithin Raj B | Audiovisual perception of acoustically enhanced speech in individuals with auditory neuropathy spectrum disorders | Dr. Sandeep M.**Guide** |
|  | Priyanka V  | Temporal processing abilities audi -tory working memory and speech perception in noise in vocal musicians, violinists and non-musicians | Prof. Rajalakshmi K.**Guide** |
|  | 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**Guide** |
|  | G. Nike Gnanateja  | Effect of Speech intelligibility on the cortical entrainment to the temporal envelop of speech  | Dr. Sandeep M.**Guide** |
|  | Kumari Apeksha | Effect of noise and amplification on speech perception in individuals with auditory neuropathy spectrum disorder-electrophysiological and behavioural study | Dr. Ajith Kumar U**Guide** |
|  | Arunraj K | Clinical validation of Wide band absorbance Tympanometry in detecting middle ear disorders  | Prof. Animesh Barman**Guide** |
|  | 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**Guide** |
|  | 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**Guide** |
|  | Mamatha N.M | Effect of auditory processing abilities on academic performance in Kannada speaking primary school children | Prof. Asha Yathiraj**Guide** |
|  | Anu Prasad | Auditory processing in children with benign epilepsy with centro temporal spikes/rolandic epilepsy | Prof. Rajalakshmi K**Guide** |
|  | Prajna Nayak | Fundamental frequency (f0) encoding and speech perception in noise | Prof. Rajalakshmi K**Guide** |
|  | Vignesh S.S. | Evaluation of brainstem functions in multiple sclerosis using auditory vestibular test battery | Prof. Rajalakshmi K**Guide** |
|  | Dhanya M | Perceptual cues of Coarticulation in Malayalam in Normal Hearing and Hearing impaired individuals | Dr. Sandeep M**Guide** |
|  | Rakesh Gatla | Auditory processing and speech perception abiliites in carriers of mutated genes that cause hearing loss (Tentative) | Dr. Sandeep M**Guide** |
|  | Yashashwini L | Categorical perception and processing of speech and music stimuli in individuals with and without music training (Tentative) | Dr. Sandeep M**Guide** |
|  | Darga Baba Fakaruddin | Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naïve Hearing aid Users. | Prof. Rajalakshmi K**Guide** |
|  | Vikas M.D. | Effects of temporal resolution, working memory and personality on benefit of hearing aids in older adults | Dr. Manjula P.**Guide** |
|  | Anoop B. J. | Cognitive and ERP measures of informational masking in young and elderly normal hearing individuals | Dr. Ajith Kumar U.**Guide** |
|  | ShubhaTak | Loudness perception in children using hearing aids and children using cochlear implant | Dr. AshaYathiraj**Guide** |
|  | Shreyaank | Comparison of contralateral suppression of otoacoustic emission between children with APD and children with ADHD | Dr. AshaYathiraj**Guide** |
|  | Shailaja Shukla | Cognitive Linguistic Processing in Typically Aging Kannada speaking individuals | Dr. Manjula P.**Co-Guide** |
|  | Priyanka Jaisinghani | Joined on 28.04.18 | Dr. Manjula P.**Guide** |
|  | Sreena E N | Joined on 28.04.18 | Dr. Manjula P.**Guide** |
|  | Sahana V | Joined on 28.04.18 | Dr. Ajith Kumar U**Guide** |
|  | Jim Saroj Winston | Joined on 28.04.18 | Dr. Ajith Kumar U**Guide** |
|  | Priyadharshini K. | Joined on 28.04.18 | Dr. Ajith Kumar U**Guide** |
|  | Ms Reesha | Joined on 28.04.18 | Dr. Prawin Kumar**Guide** |
|  | Ms. Merin Mathews | Joined on 28.04.18 | Dr. Rajalakshmi K.**Guide** |

1. **PG Dissertations**
2. **Completed : NIL**
3. **Under progress: NIL**
4. **Research Paper Publications/ Presentations**
5. **Presented at National/International Conferences /Seminars:**

**Paper presentation**

* Jithin Raj Balan, Sandeep Maruthy (2018). The effect of acoustic-enhancement on audio-visual perception in individuals with auditory neuropathy spectrum disorders. KSB, 15-16 September 2018, Kerala, Munnar.
* Chandni Jain, Kirti Joshi (2018). Effect of age on modulation detection threshold. KSB, 15-16 September 2018, Kerala, Munnar.
* Ganapathy M.K. (2018). Acoustic Change Complex. AUDISHCON 2018, National seminar on “New Frontiers in Audiology”, 27-29 September 2018, Dr. SRC Insitute of Speech and Hearing, Bengaluru.

**Oral Presentation**

* Geetha Chinnaraj, Chandni Jain and Keerthi Sringari Parmeshwara (2018). Effect of age and hearing loss on Auditory processing abilities. WSPD 2018, 8-9 September 2018, Mysuru
* Udhayakumar R and Devi N.(2018). Comparison between syllabic Compression Processed and Unprocessed Malayalam Chimeric Sentences. WSPD 2018, 8-9 September 2018, Mysuru
* Chandni Jain, Priya M.B. and Kirti Joshi (2018). Auditory processing in children with speech sound disorders. WSPD 2018, 8-9 September 2018, Mysuru
* Priyanka Jaisinghani, Manjula P. and Ajish K. Abraham (2018). Systematic Review on the Performance Evaluation of Speech Enhancement Strategies in Individuals with Normal Hearing and Those with Hearing Loss. WSPD 2018, 8-9 September 2018, Mysuru
* Monika Tetwal, Chandni Jain and Devi N.(2018). Temporal Processing and Working Memory in Children and Adults with Stuttering. WSPD 2018, 8-9 September 2018, Mysuru
* Geetha Chinnaraj, Chandni Jain, Keerthi Sringari Parameshwara (2018). Effect of age on binaural integration using Dichotic Digit test. 11th annual conference of ISHA, 15-16 September 2018, Kerala.

**Poster Presentation**

* Sneha P and Devi N.(2018). Neural Processing of speech and music with and without hearing aids. WSPD 2018, 8-9 September 2018, Mysuru
* Geetha Chinnaraj, Chandni Jain, Keerthi Sringari Parameshwara (2018). Auditory processing abilities in naïve and experienced hearing aid users. 11th annual conference of ISHA, 15-16 September 2018, Kerala.
1. **Research Papers Published**

**In-house publications: NIL**

**National Publications: NIL**

**International Publications: NIL**

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. Prashanth Prabhu  | Reviewer of American Journal of Audiology |

1. Journal Editorship

***Dr. Asha Yathiraj***

 Editoral Board Member of AYJNISHD-Journal of Cochlear Implant

***Dr. Manjula P.***

Associate Editor (Hearing)-JAIISH

***Dr. Ajith Kumar U.***

Editor of American Journal of Audiology

***Dr. Sandeep M.***

Editor of American Journal of Audiology

***Dr. Prawin Kumar***

Editor-JISHA

***Mr. PrashanthPrabhu***

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

***Dr. Hemanth N.***

International editorial reviewer board of Journal of Audiology and Otology

***Mr. Sharath Kumar***

Assistant Editor of JAIISH

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

September 2018 (27.08.2018 to 26.09.2018)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. **Hearing Evaluation**

|  |  |
| --- | --- |
| Clients seen in OPD |  |
| Clients seen at JC block | **1144** |
| Clients seen in camps | **-** |
| ***Ears with diff degrees of HL***  |  |
| ·  Normal hearing | 281 |
| ·  Minimal | 93 |
| ·  Mild | 94 |
| ·  Moderate | 85 |
| ·  Moderately severe | 77 |
| ·  Severe | 54 |
| ·  Profound | 71 |
| . Minimal to mild | 01 |
| . Mild to moderate | 01 |
| . Moderate to moderately severe | 03 |
| . Moderately severe to severe | 04 |
| . Severe to profound | 22 |
| . Moderate to severe | 00 |
| . Sloping | 70 |
| ***Ears tested having***  |  |
| . Conductive hearing       | 232 |
| . Mixed hearing loss | 364 |
| . SN hearing loss | 521 |
| Clients with unil HL  | 126 |
| Clients with bil HL | 839 |
| Ears with Aud. Dys-synchrony | 12 |
| Clients with APD | 01 |
| Clients with Funl HL | 08 |
| Clients - tinnitus evaln | 25 |
| Clients for PTA  | 1087 |
| Clients for Sp.Aud | 1080 |
| Clients for Immitt. evln | 1099 |
| Clients for OAE  | 404 |
| Clients for ABR  | 312 |
| Clients for VEMP  | 10 |
| Clients for VHIT | 03 |
| Clients for BOA  | 47 |
| Clients for VRA  | 10 |
| Clients for LLR | 02 |

 | 1. **Hearing Aid Trial**

|  |  |
| --- | --- |
| **Hearing Aid Trial** |  |
| No. of clients seen for HAT | **623** |
| No. of clients seen at camp | **-** |
| No. of HA’s prescribed at camp | - |
| No. of HA’s issued at camp | - |
| HA’s prescribed at AIISH | 462 |
| . Body level hearing aids | 39 |
| ·    Analogue BTE | 00 |
| ·    Digital BTE | 376 |
| ·    Trimmer Digital BTE | 00 |
| . Mini BTE | 06 |
| ·    Digital ITE | 00 |
| ·    Digital ITC | 04 |
| ·    Digital CIC | 07 |
| . Digital RIC | 30 |
| Testing for CI candidacy | 02 |
| No. of clients recommended  |  |
| ·    Auditory training  | 116 |
| ·    Speech reading | 05 |
| HA prescribed on exchange | 00 |
| Unaided/aided audiograms | 78 |
| Aided audiogram for CI | 17 |
| BOA | 14 |
| VRA  | 09 |
| Conditioning | 111 |
| Programming of digital HA | 283 |
| Reprogramming of HA | 130 |
| No. of IGO done | 00 |
| EAC of hearing aids done | 10 |
| Retrial with CEM | 27 |
| Recommended for EPD’s | 00 |
| Unaided & aided LLR done | 00 |
| Rec. for CI candidacy | 14 |

1. **Counseling and Guidance**

|  |  |
| --- | --- |
| Total no. of counseled  | **1767** |
| No. of clients counseled at AIISH | 1767 |
| No. of clients counseled at Camps | - |

 |

1. **Ear moulds**

|  |
| --- |
| **Earmould lab** |
| Clients ear imprn. taken |  |
| * New clients
 | 221 |
| * Old clients
 | 260 |
| * Clients seen at camp
 | 0 |
| Ear impressions taken |  |
| * Free-of-cost
 | 178 |
| * 100% payment
 | 523 |
| * At camp
 | 0 |
| * CPL impressions received
 | 0 |
| EMs completed | 689 |
| No. of sound tube issued | 0 |
| Hard regular moulds | 51 |
| Hard shell mould made | 6 |
| Soft mould made | 390 |
| Hard canal moulds | 0 |
| Soft canal moulds | 1 |
| Instant moulds | 4 |
| Silicon impression taken | 12 |
| Swimmer plug (soft)  | 7 |
| Swimmer plug (hard)  | 0 |
| No. of ear blocked  | 7 |
| No. of mould lacquered | 112 |
| No. of sound tube replaced | 110 |
| EMs with aco. modificns. | 1 |
| No. of students posted | 09 |

 ***State wise statistics Revenue***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **States** | **Statistics** |  | **Sl.No.** | **Details** | **Amount****in Rs.** |
|  | Andhra Pradesh | 9 |  |  | Spares | 6420 |
|  | Karnataka | 382 |  |  | Post | 570 |
|  | Kerala | 55 |  |  | Making ear moulds | 127170 |
|  | Tamil Nadu | 20 |  |  |  |  |
|  | Telangana | 2 |  |  |  |  |
|  | Others | 13 |  |  |  |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Age****group****yrs.** | **Hearing****Evaluation** | **Hearing Aid****Trial** | **Ear moulds** |
| **Male** | **Female** | **Male** | **Female** | **Male** | **Female** |
| 0-1 | 09 | 06 | 04 | 01 | 12 | 8 |
| 2-5 | 82 | 61 | 63 | 51 | 65 | 46 |
| 6-10 | 52 | 26 | 27 | 22 | 37 | 44 |
| 11-15 | 31 | 15 | 16 | 08 | 18 | 7 |
| 16-20 | 31 | 11 | 06 | 02 | 9 | 5 |
| 21-25 | 39 | 21 | 05 | 05 | 9 | 4 |
| 26-30 | 29 | 21 | 04 | 01 | 3 | 1 |
| 31-35 | 36 | 23 | 05 | 01 | 1 | 1 |
| 36-40 | 30 | 32 | 04 | 02 | 9 | 5 |
| 41-45 | 25 | 25 | 13 | 04 | 11 | 2 |
| 46-50 | 41 | 33 | 08 | 04 | 12 | 7 |
| 51-55 | 43 | 27 | 34 | 09 | 13 | 6 |
| 56-60 | 52 | 36 | 32 | 16 | 19 | 14 |
| 61-65 | 45 | 33 | 40 | 24 | 19 | 9 |
| 66-70 | 69 | 26 | 50 | 21 | 18 | 8 |
| 71-75 | 47 | 24 | 41 | 26 | 14 | 13 |
| 76-80 | 23 | 11 | 35 | 11 | 19 | 1 |
| 81-85 | 13 | 06 | 15 | 05 | 9 | 1 |
| 86-90 | 07 | 0 | 05 | 01 | 2 | 0 |
| 91+ | 03 | 0 | 02 | 00 | 0 | 0 |
| **Total** | **707** | **437** | **409** | **214** | **299** | **182** |
| **1144** | **623** |  |

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

1. **Implantable Hearing Devices Unit**

|  |
| --- |
| **Implantable Hg. Devices Unit** |
| **No. of cases seen** | **22** |
| 1. Non-ADIP
 | 060511 |
| 1. ADIP-CI
2. RBSK-SAST
 |
| **No. of switch on** | **04** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | --04 |
| **No. of sessions** | **22** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 060511 |
| **Mapping for CI** | **23** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 030515 |
| **Troubleshooting CI devices** | **06** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 030102 |
| **Counselling for CI clients** | **29** |
| 1. Non-ADIP
2. ADIP-CI
3. RBSK-SAST
 | 060617 |

1. **Listening Training Unit**

|  |  |
| --- | --- |
| **Listening Training Unit** |  |
| Clients seen  | 279 |
| Sessions taken | 1022 |
| Clients for whom demo therapy given | 14 |
| New clients | 30 |
| Repeat clients | 249 |
| Clients discharged | 09 |
| Clients discontinued | 14 |
| Clients given training in Hindi  | 23 |
| Clients with CI trained | 66 |
| Sessions for clients with CI taken | 334 |
| Clients with tinnitus attended therapy | 03 |
| Sessions for clients with tinnitus | 05 |
| Clients with ANSD | 0 |
| Sessions for clients with ANSD | 0 |
| Clients with CAPD | 0 |
| Sesseions for clients with CAPD | 0 |
| Clients for observn for HAT | 0 |
| Total No. of Students posted | 88 |

|  |  |
| --- | --- |
| Class | LTU |
| C4D2 | 0 |
| DHLS | 0 |
| Dip in HA Repair & EM Tech. | 0 |
| DTYDH | 0 |
| I BASLP | 11 |
| II B.Sc. (Speech & Hearing) | 14 |
| III B.Sc. (Speech & Hearing) | 16 |
| AIISH Interns | 20 |
| External Interns [ENT] | 0 |
| I M.Sc. (Audiology) | 13 |
| II M.Sc. (Audiology) | 14 |
| B.S.Ed. (HI) | 0 |
| M.S.Ed (HI) | 0 |
| DEd.[HI,GTTCHH,Mysore]External | 0 |

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

 ***Certificates Issued***

|  |  |
| --- | --- |
| Financial aid (pension of GOK) | 91 |
| Admission to deaf school  | 00 |
| Physically handicapped | 03 |
| Tax exemption | 01 |
| Education scholarship | 00 |
| Driving license | 00 |
| LIC | 00 |
| CI | 06 |
| Estimation letter for hearing aids | 24 |
| Reimbursement letters | 01 |
| Certificate issued at camp | 00 |
| **Total** | **126** |

**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)- **NIL**
2. **Other Outreach Services- NIL**
3. **Public lecture series- NIL**

**TECHNOLOGICAL CONSULTANCY SERVICES/**तकनीकीपरामर्शसेवाएं**-NIL**

**AWARDS AND HONORS/**पुरस्कारऔरसम्मान**Received by Faculty and Staff-2**

* Best paper award - Jithin Raj Balan, Sandeep Maruthy (2018). The effect of acoustic-enhancement on audio-visual perception in individuals with auditory neuropathy spectrum disorders. KSB, 15-16 September 2018, Kerala, Munnar
* Best paper award - Chandni Jain, Kirti Joshi (2018). Effect of age on modulation detection threshold. KSB, 15-16 September 2018, Kerala, Munnar

**EXTRA CURRICULAR ACTIVITIES/**पाठ्येतरगतिविधियां**-NIL**

**MAJOR EVENTS/**प्रमुखईवेंट**-**NIL

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

**VISITORS/**आगंतुकों-

Mr. Brett Lee, Cochlear’s ambassador for hearing visited at the Department of Audiology on 07.09.18 followed by an interaction programme with the students of AIISH.

**ANY OTHER/**कोईदूसरा- **NIL**

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

|  |  |
| --- | --- |
| Dr. Asha Yathiraj | Committee member for Ph.D. vivaChaired BOE meeting for Special Education and Speech and Hearing. |
| Dr. Manjula P. | Attended BOE meeting for Speech and Hearing |
| Dr. Animesh Barman | Committee member for Ph.D. viva |
| Dr. Ajith Kumar U. | Attended BOE meeting for Speech and Hearing |
| Dr. Sandeep M. | Committee member for Ph.D. vivaAttended BOE meeting for Special Education |
| Dr. Devi N. | Member of Board of Examiners for UG Speech and Hearing (semester scheme) 2018-19 examinations of Bangalore UniversityLocal organizing committee member for WSPD 2018 |
| Dr. Chandni Jain | Local organizing committee member for WSPD 2018 |
| Dr. Geetha C. | Local organizing committee member for WSPD 2018Examiner for Bangalore University. |
| Dr. Hemanth N. | Local organizing committee member for WSPD 2018 |
| Dr. Sharath Kumar | Local organizing committee member for WSPD 2018 |
| Mr. Jawahar Antony | Local organizing committee member for WSPD 2018 |
| Mr. Vikas M.D. | Local organizing committee member for WSPD 2018 |
| Dr. Nisha K.V. | Local organizing committee member for WSPD 2018 |

1. **Others-**

Dr. Manjula P. and Dr. Ajith Kumar U., attended hearing aid related meeting at AIISH on 01.09.18

Dr. Devi N. attended the meeting of Board of Examiners, UG-Bangalore University on 11.09.18

Dr. Manjula P. attended Standing Purchase committee meeting in AIISH on 19.09.18.

|  |  |
| --- | --- |
| **Feedback –****September 2018** | **Total: 19**Very Good: 11; Good: 4; Satisfactory: 2; Not satisfied: 2 |
| **Inhouse workshop** |  |

 **विभागाध्यक्ष**/**HOD – Audiology**