अखिलभारतीयवाकश्रवणसंस्थान, मैसूर - 6

All India Institute of Speech and Hearing, Mysuru - 6

श्रवणविज्ञानविभाग,Department of Audiology

**मासिकरिपोर्ट– फरवरी**, **2019**

**MONTHLY REPORT - FOR THE MONTH OF Feburary 2020**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Theme or topic** | **Objectives** | **Target Audience** | **Coordinators** | **No. Of Participants** | **Date** |
| 1 | HE,  HAT–An  overview  &  observation | Observation  of hearing  tests,  procedures  involved in  hearing aid  fitting | Dr. Navaneetha KL, Dr. Nidhi Mohan S  KIMS, Hubli | Dr. Rajalakshmi K.& Mr. Darga  Baba Fakruddin | 2 | 24.02.2020 (A/N)  27.02.2020 (Full day)  28.02.2020 (F/N) |
| 2 | HE,  HAT–An  overview  &  observation | Observation  of hearing  tests,  procedures  involved in  hearing aid  fitting | Dr. K.G. Greeshma  KIMS, Hubli | Dr. Rajalakshmi K.& Mr. Darga Baba Fakruddin | 1 | 24.02.2020 (A/N)  27.02.2020 (Full day)  28.02.2020 (F/N) |

**Monthly Statistics (From 01.02.2020 to 29.02.2020)**

**ACADEMIC ACTIVITIES/ शैक्षणिकगतिविधियों**

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

**Orientation Programs organized :** Nil

1. **In-house Training / Staff enrichment program :** Nil
2. **Clinical Observation postings of students from other Institutes :**

**P.G. ENT students postings in Audiology Department for the**

**month of February 2020.**

Orientation on “Hearing Evaluation, Hearing Aid Trial - an overview” was given to PG ENT students from **KIMS, Hubli**. The details are as follows.:-

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

* Workshop on “*Orientation about candidacy for cochlear Implantation to the parents of children with hearing impairment availing services”* in Department of Special Education was successfully completed.

1. **Attended :**

Within AIISH :

Outside AIISH : Nil

1. **Guest lectures/Invited talks**
2. Attended : Nil
3. Organized : Nil
4. **Invited talks delivered by the Staff**
5. Within AIISH : Nil
6. Outside AIISH : Nil
7. **Service in Academic bodies of other organization :**

(Name of the organization, role, tenure)

1. **Participation in Committees/Taskforces & Panels set-up by :** Four

**other organizations/agencies** (Name of the committee, organization,

purpose, role, tenure)

1. Dr. P. Manjula appointed as Vigilance Officer.
2. Dr. Niraj Kumar Singh took charges for NSS Officer with effect from 31.07.2019.
3. Dr. Sreeraj K took charges as CPIO with effect from 12.07.2019.
4. Dr. Sreeraj K member for Social media championship of AIISH.

**RESEARCH ACTIVITIES/** अनुसंधानगतिविधियाँ

**Funded Research Projects**

1. **Completed Projects : Intra-mural -** 03

**Research project: Intra-mural (ARF projects -03 (2018-19)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Title of the project** | **Principal Investigator /**  **Co-Investigator** | **Project** | **Amount (Lakhs)** | **Remark** |
| 1 | Development of Phonemically balanced word lists in Tamil Language for adults | PI - Dr. Geetha C  CI - Dr. Devi N | ARF | 4.88 | IR submitted |
| 2 | Speech Identification in the Non-aided ear in Monaural Hearing Aid Users | PI - Prof. Asha Yathiraj | ARF | 4.93 | IR submitted |
| 3 | Development of AIISH Hyperacusis Assessment Toolbox for Individuals with Tinnitus Associated with Hyperacusis | PI - Dr. Prashanth Prabhu P | ARF | 4.93 | IR submitted |

1. **Completed Projects : Extramural Projects –** Nil
2. **On going Research project :**
3. **New research project initiated: Intra-mural (ARF projects) -05 (2018-19)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Title of the project** | **Principal Investigator /**  **Co-Investigator** | **Project** | **Amount (Lakhs)** | **Remark** |
| 1 | Electrophysiological Assessment of Auditory and Vestibular Neural Functioning in Individuals with Diabetes Mellitus | PI - Dr. Prawin Kumar  CI - Dr. M Bhanukumar,  Dr. Niraj Kumar Singh,  Mr. Vipin Ghosh &  Dr. Kumari Apeksha | ARF  (3 years) | 4.88 | Ongoing |
| 2 | Relationship between Auditory Abilities and Iron Deficiency Anemia in Adolescent Girls | PI - Dr. Chandni Jain  CI - Dr. Chetak K B &  Mr. Vipin Ghosh | ARF | 5.33 | Ongoing |
| 3 | Implementation and Validation of Portable Virtual Acoustic Spatial Training (VAST) Programme for Remediation of Spatial Deficits in Listeners with Sensorineural Hearing Impairment (SNHL): A Longitudinal Time – Series Study | PI - Dr. Ajith Kumar U  CI - Dr. Nisha K V | ARF | 4.85 | Ongoing |
| 4 | Behavioral and Electro Physiological Correlates of Lexical Semantic Activation in High and Low Proficient Bilinguals | PI - Dr. Sandeep M &  Dr. Abhishek B P  CI - Dr. Chandni Jain | ARF | 4.88 | Ongoing |
| 5 | Cochlear implant outcome measures: Comparison of rating scales and speech perception | PI-Dr. Megha  CI-Jawahar Antony | ARF | 5.05 | Ongoing |

***IR: Initial Report; FR: Final Report***

**Intra-mural- 06 completed; 01-ongoing (2017-18)**

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| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Objectives** | **Investigators** | **Funding** | **Grant amount** ` | Remarks |
| 1 | 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 | IR submitted |
| 2 | Auditory processing in children with speech sound disorders | To assess auditory processing in children with speech sound disorders | Dr. Chandni Jain-PI  Ms. Priya M.B.-CI | ARF | 5.25 | IR Submitted |
| 3 | Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairment | Helps in modifying the protocol of hearing aid fitting and in planning an effective rehabilitation program based on the needs of the client | Dr. Geetha C.-PI  Dr. Chandi Jain-CI | ARF | 5.25 | IR submitted |
| 4 | Auditory temporal processing in older Adults: Behavioral and Electrophysio-logical measures Auditory systems | To compare behavioural and electrophysiological measures to study temporal processing in older adults | Mr. Ganapathay M.K.-PI  Dr. Hemanth N-CI  Mr. PrashanthPrabhu-PI | ARF | 5.18 | IR submitted |
| 5 | 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 audiology students on the usefulness of the developed software. | Dr. Hemanth N.-PI  Dr. Manjula P.-CI | ARF | 8.74 | Completed |
| 6 | The Genetics of Sensorineural Hearing Loss | To carryout the segregation analysis in the parents and siblings for identified 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 | Ongoing |
| 7 | Prevalence of Parental Consanguinity in Children with Communication Disorders a Survey based Study | To study the prevalence of communication disorders in Dharwad district. | Mr. Sreeraj K. & -PI  Dr. Jijo P.M. | ARF | 5.14 | Completed |

***IR: Initial Report; FR: Final Report***

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

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| --- | --- | --- | --- | --- |
| **No.** | **Title** | **Investigators** | **Funding source** | **Grant amount** |
| **1** | Auditory and cognitive consequences of dys-synchronours auditory nerve activity. | PI-Dr. Ajith Kumar U.  CI-Dr. Sandeep M. | DST  (3 Years) | 44,00,000 |
| **2** | Neuro-audiological profiling of children with special language impairment | PI-Dr. Animesh Barman&  Dr. Swapna N  CI-Dr. PrashanthPrabhu | DST  (3 Years) | 33,88,200 |

**Intra mural - 1**

1. **Ongoing research project : Intra-mural – 10 (Year 2016-17)**

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| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Title** | **Objectives** | **Investigators** | **Funding** | **Grant amount** ` | **Remark** |
|  | Neural Correlates of Perceptual Learning of Non-Native Speech Sound Contrast Learning | To investigate the neural correlates of perceptual learning of non-native speech sound contrast learning | Dr. Ajith Kumar U  Dr. Santosh M. | ARF | 4.33 | completed |
|  | Development of standardization of questionnaire to assess the outcome in adult hearing aid users | To develop questionnaire in order to assess the outcome in adult hearing aid users | Dr.Rajalakshmi K.  Dr. Ramadevi Sreenivas  Ms. Mamatha N.M., | ARF | 4.33 | IR submitted |
|  | 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 | IR submitted |
|  | 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 | Completed |
|  | 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 | Ongoing |
|  | Normative Data for click rate induced facilitation for assessing temporal integration | 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 | IR submitted |
|  | Effect of Cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential | To study the different surgical technique on vestibular evoked myogenic potentials. | Mr. SachchidanandSinha  Dr. Niraj Kumar Singh | ARF |  | FR submitted |
|  | 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  Dr. Prawin Kumar | ARF  (3 years) | 15.04 | Ongoing |
|  | Contributory Factors of Hearing Handicap in individuals with Sensorineural hearing loss and auditory neuropathy spectrum Disorder (ANSD) | To compare scores of ‘Hearing Handicap Inventory for Adults’ between individuals with  SNHL and ANSD. | Dr. Jijo P.M.,  Dr. Hemanth N.,  Dr. Ajith Kumar U. | ARF | 4.93 | Completed |
|  | Development of low frequency range word lists in Malayalam | To determine the speech identification scores in individuals with predominantly low frequency hearing loss | Mr. Prashanth  Prabhu | ARF | 4.93 | IR submitted |

***IR: Initial Report; FR: Final Report***

1. **Ongoing research project : Extramural-03 (2016-19)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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  (3 years) | 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 Kumar  CI: Dr. Niraj Kumar Singh | DST  (3 years) | 28.49 |

1. **Doctoral and Post-Doctoral Programs**
2. **Degree Awarded (for the current month) : 0**
3. **Under Progress : 26**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name** | **Topic** | **Guide / Co-guide** |
|  | Ms Mamatha N.M | Effect of auditory processing abilities on academic performance in Kannada speaking primary school children | Prof. Asha Yathiraj |
|  | Ms ShubhaTak | Loudness perception in children using hearing aids and children using cochlear implant | Prof. Asha Yathiraj |
|  | Mr. Shreyank P Swamy | Comparison of contralateral suppression of otoacoustic emission between children with APD and children with ADHD | Prof. Asha Yathiraj |
|  | Ms. Shubhaganga | Influence of education employment and gender on auditory processing and cognition in older adults | Prof. Asha Yathiraj |
|  | Mr. Vikas M.D. | Effects of temporal resolution, working memory and personality on benefit of hearing aids in older adults | Prof. Manjula P |
|  | Shailaja Shukla | Cognitive Linguistic Processing in Typically Aging Kannada speaking individuals | Prof. Manjula P |
|  | Priyanka Jaisinghani | Validation of Speech enhancement and noise reduction strategies in individuals with sensorineural hearing loss and ANSD | Prof. Manjula P |
|  | Ms Sreena E N | Preferred compression amplification settings for individuals with varying audiogram configuration | Prof. Manjula P |
|  | Ms. Priyanka V | Temporal processing abilities audi -tory working memory and speech perception in noise in vocal musicians, violinists and non-musicians | Prof. Rajalakshmi K. |
|  | Mr. Anu Prasad | Auditory processing in children with benign epilepsy with centro temporal spikes/rolandic epilepsy | Prof. Rajalakshmi K |
|  | Ms PrajnaNayak | Fundamental frequency (f0) encoding and speech perception in noise. | Prof. Rajalakshmi K |
|  | Mr. Vignesh S.S. | Evaluation of brainstem functions in multiple sclerosis using auditory vestibular test battery | Prof. Rajalakshmi K |
|  | Mr. 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 |
|  | Mr. Darga Baba Fakaruddin | Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naïve Hearing aid Users. | Prof. Rajalakshmi K |
|  | Ms. Merin Mathews | Audiovisual Speech Perception in individuals with ANSD: effect of audiovisual training evidence through ERP and behavioural measures. | Prof. Rajalakshmi K |
|  | Ms. Krupa | Effect of Native and non native babble background on speech identification of individuals with normal hearing and hearing impairment | Prof. Rajalakshmi K |
|  | Mr. Arunraj K | Clinical validation of Wide band absorbance Tympanometry in detecting middle ear disorders | Prof. Animesh Barman |
|  | Mr. 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 |
|  | Ms Sahana V | Auditory and cognitive profiling in normal hearing individuals with occupational noise exposure | Prof. Ajith Kumar U |
|  | Mr. Jim Saroj Winston | Effect of short term musical training on Psycho-acoustical electrophysiological and working memory measures | Prof. Ajith Kumar U |
|  | Ms Priyadharshini K. | Effect of auditory training using envelope enhanced speech on speech perception abilities in persons with auditory neuropathy spectrum disorder | Prof. Ajith Kumar U |
|  | Mr. Anoop B. J. | Cognitive and ERP measures of informational masking in young and elderly normal hearing individuals | Prof. Ajith Kumar U |
|  | Ms Dhanya M | Perceptual cues of Co-articulation in Malayalam in Normal Hearing and Hearing impaired individuals | Dr. Sandeep M |
|  | Mr. Rakesh Gatla | Auditory processing and speech perception abilities in carriers of mutated genes that cause hearing loss (Tentative) | Dr. Sandeep M |
|  | Ms Yashashwini L | Categorical perception and processing of speech and music stimuli in individuals with and without music training (Tentative) | Dr. Sandeep M |
|  | Ms Reesha OA | Efficacy of computer based auditory separation training in children with auditory processing disorders | Dr. Prawin Kumar |

1. **PG Dissertations**
2. **Completed : Nil**
3. **Under progress : 36**
4. **Research Paper Presentations: 25**

*Paper presented in 52nd ISHACON at Chandigarh held in between 14th Feb, 2020 to 16th Feb, 2020.*

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| --- | --- | --- | --- |
| **Sl. No.** | **Title of the papers** | **Author/s** | **Oral/Poster** |
| 1 | Spatial and Semantic Localisation and Auditory Stroop Test: Comparison of Young and Older Adults | Shubhaganga Dhrruva Kumar, & Asha Yathiraj | Oral |
| 2 | Relative Efficacy of Veria and Mastoidectomy Techniques of Cochlear Implantation in Preservation of Sound-induced Saccular Responses | Niraj Kumar, Sachchidanand Sinha, Prawin Kumar, Nirnay Kumar, & Sudhir Kumar | Oral |
| 3 | Maturation of speech perception in noise abilities during adolescence | Chandni Jain, Vipin P G, & Aishwarya Lakshmi | Oral |
| 4 | Towards the Identification of Optimal Tool for Auditory Spatial Assessment | Nisha KV, & Ajith Kumar | Oral |
| 5 | Simultaneous acquisition of click and tone-burst ABR: A novel method for hearing estimation at audiometric frequencies in a quick time | Sandeep M, Sharath Kumar K. S, Indira C P, Sam Publius, & Shreyank P. Swamy | Oral |
| 6 | Efficacy of computer-based speech-in-noise training module in Indian-English in children with Auditory Processing Disorders | Reesha O.Abdul Hussain, Shwetha G.N., Prawin Kumar, & Niraj Kumar Singh | Oral |
| 7 | Combined Effects of Noise and Stimulation Rate on Noise Exposed Human Auditory Brainstem Responses | Sreeraj Konadath, & Megha K N | Oral |
| 8 | Effect of Duration of Monaural Amplification on the Speech Identification Scores of the Non-Aided Ear | Asha Yathiraj, & Amruthavarshini B | Oral |
| 9 | The Efficacy of Cervical Vestibular-Evoked Myogenic Potentials in Mapping Current Levels in Cochlear Implant Recipients | Niraj Kumar, Priya K P, Asha Yathiraj, Manjula P, Geetha C, Megha Janardhan, & P Jawahar Antony | Oral |
| 10 | Age-related Changes in Cortical coding of Auditory Space: Evidence from Electroencephalography | Nisha KV, & Ajith Kumar | Oral |
| 11 | Effects of Ageing versus Noise Exposure on Auditory System in Individuals with Normal Audiometric Thresholds | Sreeraj Konadath, Megha K N, & Ganapathy M. K | Oral |
| 12 | Variations in VOR gain in individuals with Auditory Neuropathy Spectrum Disorder with hypo-functional caloric response | Niraj Kumar Singh, Anuj Kumar, & Sujeet Kumar Sinha | Oral |
| 13 | Aided speech evoked cortical potential in children with hearing impairment (6 months to 5 years) | Prawin Kumar & Geetha C. | Oral |
| 14 | Effect of Physical Activity on Temporal Processing and Speech Perception in Noise in Middle Aged Adults | Sanket Satish, Aakanksha Pandey, & Chandni Jain | Poster |
| 15 | The Functioning of Otolith Organs and Semicircular Canals In Individuals With Type-II Diabetes Mellitus | R. Rajesh Kumar, Prawin Kumar, Vipin P G, Kumari Apeksha, & Niraj Kumar Singh | Poster |
| 16 | Relation between Performance on an Auditory Memory Test and Perception of Global Memory in Young and Older Adults | Shubhaganga Dhrruva Kumar, & Asha Yathiraj | Poster |
| 17 | Auditory processing abilities in adolescent girls with Iron Deficiency Anemia | Chandni Jain, Vipin P G, & Aishwarya Lakshmi | Poster |
| 18 | Definite and non-definite factors for the accurate identification of Otosclerosis | Indira C P, Sam Publius, Shreyank P. Swamy, Sharath Kumar K. S, & Sandeep M | Poster |
| 19 | Unilateral Selective Inner Hair Cell Damage: A Case Study | Mehulla Jain, Shana Yasmin, & Chandni Jain | Poster |
| 20 | Assessment of Auditory Working Memory in Children with Abacus Training | Mansi Roy, Keerti Swarna, & Prashanth Prabhu | Poster |
| 21 | Parentâ€™s awareness and attitude on early identification and early rehabilitation of hearing loss - A questionnaire based report | Basaiahgari Nagaraju; Devi N; & Darga Baba Fakruddin | Poster |
| 22 | Effect of Different Blood Groups on Tympanometric Findings And Acoustic Reflex Thresholds Â€“ A Preliminary Study | Sneha Shaji; Krishnapriya M V; & B Nagaraju | Poster |
| 23 | Menstrual cycle effect on VOR gain functions | Sujeet Kumar Sinha & Suman Shankar Penwal | Poster |
| 24 | Effect of Quiet and Noise on P300 response in Individuals with Auditory Neuropathy Spectrum Disorder | Kumari Apeksha & Ajith Kumar U | Poster |
| 25 | Assessment of Auditory Neural Coding in Children with Specific Language Impairment | Animesh Barman, Mekhala V G, Kavya Vijayan, & Swapna N | Poster |

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. Prawin Kumar**

* Reviewer for Journal of Indian Speech, Language and Hearing Association

**Dr. Prashanth Prabhu**

* Reviewer of International Journal of Scientific Reports -Springer Nature Journal

1. Journal Editorship

**Dr. Asha Yathiraj**

* Editorial 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
* Associate Editor Journal of Speech Language and Hearing.

**Dr. Sandeep M.**

* Editor of American Journal of Audiology

**Dr. Prawin Kumar**

* Editor-in-Chief (Chairperson)-JISHA

**Dr. PrashanthPrabhu**

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

**Dr. Hemanth N.**

* Editorial reviewer board of Journal of Audiology and Otology

**Dr. Sharath Kumar**

* Assistant Editor of JAIISH

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

February 2020 (01.02.2020-29.02.2020)

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| 1. **Hearing Evaluation**  |  |  | | --- | --- | | **Clients seen in OPD** | | | Clients seen in OPD | **1268** | | Not reported | **15** | | Clients seen at JC block | **1253** | | Clients seen in camps |  | | ***Ears with diff degrees of HL*** |  | | ·  Normal hearing | 246 | | ·  Minimal | 104 | | ·  Mild | 84 | | ·  Moderate | 89 | | ·  Moderately severe | 96 | | ·  Severe | 74 | | ·  Profound | 189 | | . Minimal to mild | 03 | | . Mild to moderate | 03 | | . Moderate to moderately severe | 06 | | . Moderately severe to severe | 15 | | . Severe to profound | 22 | | . Moderate to severe | 01 | | . Sloping | 129 | | ***Ears tested having*** | | | . Conductive hearing | 250 | | . Mixed hearing loss | 360 | | . SN hearing loss | 701 | | Clients with unil HL | 141 | | Clients with bil HL | 987 | | Ears with Aud. Dys-synchrony | 04 | | Clients with APD | 01 | | Clients with Funl. HL | 19 | | Clients - tinnitus evaln |  | | Clients for PTA | 1225 | | Clients for Sp. Aud. | 1222 | | Clients for Immitt. evln | 1216 | | Clients for OAE | 298 | | Clients for ABR | 314 | | Clients for VEMP | 00 | | Clients for VHIT | 00 | | Clients for BOA | 21 | | Clients for VRA | 07 | | Clients for LLR | 00 | | Behavioral vestibular assessment | 00 | | 1. **Hearing Aid Trial**  |  |  |  | | --- | --- | --- | | **Hearing Aid Trial** | | | | No. of clients seen for HAT | 550 | | | No. of clients seen at camp | 00 | | | No. of HA’s prescribed at camp | 00 | | | No. of HA’s issued at camp | 00 | | | HA’s prescribed at AIISH | 472 | | | . Body level hearing aids | 04 | | | ·    Analogue BTE | 196 | | | ·    Digital BTE | 273 | | | ·    Trimmer Digital BTE | 03 | | | . Mini BTE | 03 | | | ·    Digital ITE | 00 | | | ·    Digital ITC | 00 | | | ·    Digital CIC | 06 | | | . Digital RIC | 25 | | | Testing for CI candidacy | 04 | | | **No. of clients recommended** | | | | ·    Auditory training | | 54 | | ·    Speech reading | | 08 | | HA prescribed on exchange | | 02 | | Aided audiograms | | 68 | | Aided audiogram for CI | |  | | BOA | | 04 | | VRA | | 02 | | Conditioning | | 61 | | Programming of digital HA | | 211 | | Reprogramming of HA | | 161 | | No. of IGO done | | 00 | | EAC of hearing aids done | | 03 | | Retrial with CEM | | 35 | | Recommended for EPD’s | | 00 | | Unaided & aided LLR done | | 00 | | Rec. for CI candidacy | |  |  1. **Counseling and Guidance**  |  |  | | --- | --- | | Total No. of counseled |  | | No. of clients counseled at AIISH | 405 | | No. of clients counseled at Camps | - | |

1. **Ear moulds**

|  |  |
| --- | --- |
| **Ear-mould lab** | |
| Clients ear impression taken | |
| * New clients | 98 |
| * Old clients | 252 |
| * Clients seen at camp | 336 |
| **Ear impressions taken** | |
| * Free-of-cost | 454 |
| * 100% payment | 489 |
| * At camp | 368 |
| * CPL impressions received | 00 |
| EMs completed | 1300 |
| No. Mould Lacquered | 00 |
| Hard regular moulds | 36 |
| Hard shell mould made | 00 |
| Soft mould made | 253 |
| Hard canal moulds | 01 |
| Soft canal moulds | 05 |
| Instant moulds | 03 |
| Silicon impression taken | 19 |
| Swimmer plug (soft) | 02 |
| Swimmer plug (hard) | 00 |
| No. of ear blocked | 05 |
| No. of sound tube replaced | 210 |
| EMs with acoustics modifications. | 00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **State-wise statistics** | | | **Revenue** | | |
| **Sl. No** | **States** | **Statistics** | **Sl. No.** | **Details** | **Amount** |
| 1 | Andhra Pradesh | 04 | 1 | Spares | 10,425 |
| 2 | Karnataka | 320 | 2 | Post | 330 |
| 3 | Kerala | 16 | 3 | Making ear moulds | 80,940 |
| 4 | Tamil Nadu | 06 | **Total Revenue** | | **91,695** |
| 5 | Telangana | 00 |
| 6 | Others | 05 |

**Students posted**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Students** | **Statistics** |
| 1 | DHA & ET | 05 |
| 2 | DHLS | 01 |
| 3 | III B.Sc. | 11 |
| 4 | Interns | 11 |
| 5 | II M.Sc. | 03 |
| 6 | Visitors PG-ENT | 00 |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Age**  **group**  **years** | **Hearing**  **Evaluation** | | **Hearing Aid**  **Trial** | | **Ear moulds** | |
| **Male** | **Female** | **Male** | **Female** | **Male** | **Female** |
| 0-1 | 06 | 09 | 00 | 03 | 10 | 04 |
| 2-5 | 54 | 36 | 44 | 32 | 46 | 26 |
| 6-10 | 39 | 27 | 19 | 11 | 15 | 14 |
| 11-15 | 21 | 15 | 07 | 03 | 17 | 11 |
| 16-20 | 35 | 17 | 09 | 08 | 12 | 05 |
| 21-25 | 41 | 32 | 07 | 07 | 10 | 06 |
| 26-30 | 43 | 28 | 10 | 03 | 03 | 01 |
| 31-35 | 44 | 25 | 07 | 05 | 06 | 06 |
| 36-40 | 40 | 24 | 06 | 04 | 04 | 04 |
| 41-45 | 40 | 28 | 11 | 08 | 08 | 04 |
| 46-50 | 48 | 32 | 08 | 17 | 06 | 03 |
| 51-55 | 34 | 36 | 18 | 16 | 05 | 05 |
| 56-60 | 48 | 50 | 24 | 11 | 08 | 14 |
| 61-65 | 60 | 36 | 28 | 15 | 09 | 14 |
| 66-70 | 73 | 43 | 54 | 24 | 23 | 03 |
| 71-75 | 54 | 30 | 37 | 10 | 15 | 07 |
| 76-80 | 46 | 21 | 32 | 13 | 06 | 02 |
| 81-85 | 24 | 08 | 26 | 03 | 05 | 04 |
| 86-90 | 03 | 02 | 05 | 00 | 03 | 03 |
| 91+ | 01 | 00 | 02 | 02 | 03 | 00 |
| **Total** | **754** | **499** | **354** | **195** | **214** | **136** |
|  | |  | |  | |

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

1. **Implantable Hearing Devices Unit**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NON-ADIP | ADIP-CI | RBSK-SAST CI | OVERALL |
| No. of cases | 06 | 16 | 06 | 28 |
| No. of sessions | 06 | 20 | 06 | 32 |
| No. of Mapping | 05 | 16 | 05 | 26 |
| No. of trouble shooting | 01 | 04 | 01 | 06 |
| No. of counselling | 06 | 20 | 06 | 32 |
| No. of New cases/ Switch-on | 00 | 03 | 00 | 03 |
| No. of Students | 10 | | | |

1. **Listening Training Unit**

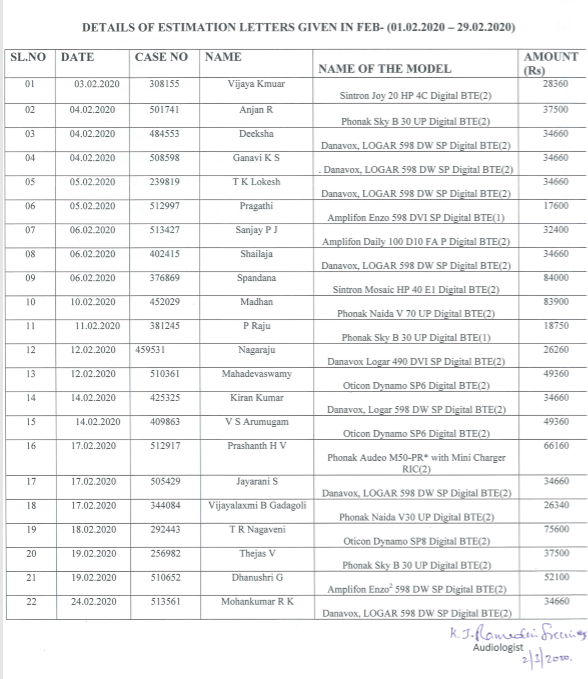
|  |  |  |  |
| --- | --- | --- | --- |
| **Listening Training Unit** | | **Class** | **LTU** |
| Clients seen | 242 | DHLS | 02 |
| Sessions taken | 1496 | Dip in HA Repair & EM Tech. | 00 |
| Clients for whom demo therapy given | 07 | DTYDH | 00 |
| New clients | 31 | I BASLP | 00 |
| Repeat clients | 211 | II B.Sc. (Speech & Hearing) | 08 |
| Clients discharged | 05 | III B.Sc. (Speech & Hearing) | 14 |
| Clients discontinued | 20 | AIISH Interns | 22 |
| Clients given training in Hindi | 22 | External Interns [ENT] | 00 |
| Clients with CI trained | 53 | I M.Sc. (Audiology) | 13 |
| Sessions for clients with CI taken | 410 | II M.Sc. (Audiology) | 13 |
| Clients with tinnitus attended therapy | 13 | B.S.Ed. (HI) | 14 |
| Sessions for clients with tinnitus | 45 | M.S. Ed. (HI) | 00 |
| Clients with ANSD | 00 | D.Ed. [HI,GTTCHH, Mysuru] External | 00 |
| Sessions for clients with ANSD | 00 |  |  |
| Clients with CAPD | 01 |  |  |
| Sessions for clients with CAPD | 06 |  |  |
| Clients for observation for HAT | 00 |  |  |
| Total No. of Students posted | 86 |  |  |

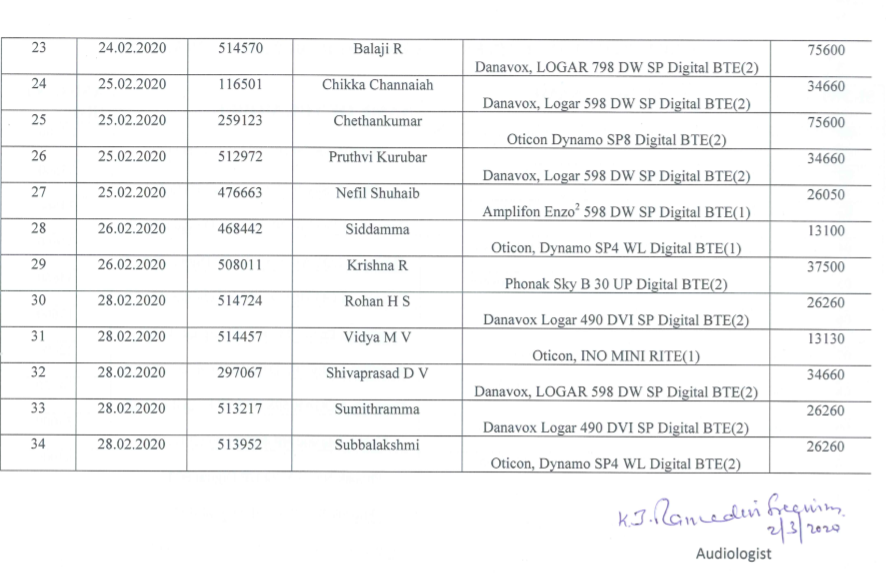
**3. Clinical Support Services/** नैदानिक ​​समर्थनसेवाएं

***Certificates Issued***

|  |  |
| --- | --- |
| Financial aid (pension of GOK) |  |
| Admission to regular school |  |
| Admission to deaf school |  |
| Physically handicapped |  |
| Tax exemption |  |
| Education scholarship |  |
| Driving license |  |
| LIC |  |
| CI |  |
| Estimation letter for hearing aids |  |
| Reimbursement letters |  |
| Certificate issued at camp |  |
| **Total No. Disability Certificates issued** |  |

**Details of estimation letters given in February (01.02.2020 – 29.02.2020)**

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**PUBLIC EDUCATION AND OUTREACH SERVICES /** सार्वजनिकशिक्षाऔरआउटरीचसेवाएं

1. **Communication Disorders Screening Camps :** Nil

**(**Details such as **v**enue, Staff deputed, No. of clients seen,

Assessment & Rehabilitation Details)

1. **Other Outreach Services :** Nil
2. **Public lecture series :** Nil

**Technological consultancy services/**तकनीकीपरामर्शसेवाएं : Nil

**Awards and honors /** पुरस्कारऔरसम्मान : 04

**received by Faculty and Staff**

**Extra curricular activities /** पाठ्येतरगतिविधियां : Nil

**Major events/**प्रमुखईवेंट : Nil

(A brief note in not more than five sentences about

each activity/event)

**Visitors/**आगंतुकों-**Any other/**कोईदूसरा : **Nil**

1. Additional Services (Academic/Administrative) : Nil

Rendered by the Faculty and Staff

ii) Others

|  |  |  |
| --- | --- | --- |
| **Feedback in**  **February 2020** | | **Total : 36**  Very Good : 17 Good : 05 Satisfactory : 06 Not satisfied : 08 |
| **In-house workshop** | * Nil |

**Others**

1. Department received 4 out of 5 best paper award in Audiology in the 52nd  ISHACON held at Chandigarh in between 14th Feb to 16th Feb 2020. The details of papers are mentioned below:
2. Kumari Apeksha, & Ajith Kumar U (2020). Effect of Quiet and Noise on P300 Response in Individuals with Auditory Neuropathy Spectrum Disorder. Received **DR. N. R. CHAUDHARY MEMORIAL AWARD FOR BEST PAPER IN AUDIOLOGY** award during 52nd ISHACON held at Chandigarh in between 14th -16th Feb, 2020.
3. R. Rajesh Kumar, Prawin Kumar, Vipin P G, Kumari Apeksha, & Niraj Kumar Singh (2020). The Functioining of Otolith Organs and Semicircular Canals in Individuals with Type-II Diabetes Mellitus. **DR. M. RAGHUNATHAN MEMORIAL AWARD FOR BEST POSTER IN AUDIOLOGY** award during 52nd ISHACON held at Chandigarh in between 14th -16th Feb, 2020.
4. Niraj Kumar Singh, Sachchidanand Sinha, Prawin Kumar, Nirnay Kumar, & Sudhir Kumar (2020). Relative Efficacy of Veria and Mastoidectomy Techniques of Cochlear Implantation in Preservation of Sound-Induced Saccular Responses. **DAYALAN SAMUEL SSV AWARD FOR BEST PAPER IN AUDIOLOGY** award during 52nd ISHACON held at Chandigarh in between 14th -16th Feb, 2020.
5. Shubhaganga Dhrruva Kumar, & Asha Yathiraj (2020). Relation between Performance on an Auditory Memory Test and Perception of Global Memory in Young and Older Adults. **MUKTESH AWARD FOR BEST PAPER IN AUDIOLOGY** award during 52nd ISHACON held at Chandigarh in between 14th -16th Feb, 2020.
6. A Guest lecture delivered by Prof. Vinaya C Manchiah, Prof of Speech and Hearing Sciences, LAMAR University, USA on 11th Feb, 2020 for M.Sc.- Audiology students. There were faculty interactions about possible collaboration explored and discussed in detail on 11th Feb, 2020
7. **Journal Club**

Prof. Asha Yathiraj (06.02.2020)

|  |  |  |  |
| --- | --- | --- | --- |
| Journal Club | Gifford, R. H., & Dorman, M. F. (2019). Bimodal hearing or bilateral cochlear implants? Ask the patient. Ear and hearing, 40(3), 501-516. | **Presenters**: SAHANA T.S., DYUTHI B., SHEJAL KASERA, ANKIT LOHANI | **06.02.2020** |

1. **Clinical Conference**

**Dr. Sandeep M**

|  |  |  |  |
| --- | --- | --- | --- |
| 13th Clinical Conference | The findings in three siblings with late onset sensorineural  hearing loss. | Presenters: Ms.Henna Fathima, Ms.Rohini B. N., Mr. Mithul B. | **28.02.2020** |

**डॉ. प्रवीण कुमार / Dr. Prawin Kumar**  
**विभागाध्यक्ष - श्रवण विज्ञान विभाग/ HOD- Audiology**