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**DEPARTMENT OF AUDIOLOGY**

SH/AUD/AR-17-18/2018-19 10.04.18

**Submitted to the Director**

Sub/विषय: Submission of Annual Report- reg.

Ref/संदर्भ: No.SH/LIC/AR/2017-18 dated 22.03.17.

With reference to the above, please find enclosed the Annual Report for the year 2017-18 of the department of Audiology. The soft copy of the same is emailed to [aiishreports@gmail.com](mailto:aiishreports@gmail.com). Please do the needful.

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DIRECTOR/निदेशक

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**HOD – Audiology**

**ACADEMIC ACTIVITIES/ शैक्षणिकगतिविधियों**

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

* **Short-term Training given : 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Theme / Topic** | **Objectives** | **Coordinator** | **Target audience** | **No. of participants** | **Date** |
|  | ABR and LLR | Training on ABR and LLR | Dr. Sandeep M., Reader in Audiology | Ms. Anuu Priya, Employee of Otometrics based at New Delhi | 1 | 16.01.18 to 19.01.18 |

* **Short-term Training undergone by staff : 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Staff** | | **Theme / Topic** | **Organizer** | **Date** |
|  | Mr. Anoop, JRF | 20 hours of instruction in ‘Foundations of Advanced Techniques’ and 33 hours in ‘Core dense array EEG skills’ | | Eugene, Oregon USA | 28.07.17 |
|  | Dr. Devi N. & Mr. Vivek | Orientation program on 3D printing technology of ear moulds | | M/s. Hara Enterprises, Centre for advance dental research and training, Chennai | 5-7 Dec 2017 |

* **Orientation programs organized : 6**

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| **No.** | **Theme / Topic** | **Coordinator** | **Objectives** | **Target audience** | **No. of participants** | **Date** |
|  | Orientation by representative from  M/s. Listenup | Dr. Saneep M., Dr. Ramadevi | To orient about the products | Staff of Audiology | 8 | 13.04.17 |
|  | Orientation program on Clinical Management Software by Mr. Prashanth S.S | Dr. Ajith Kumar,  Dr. Hemanth | To orient the staff about the software | Clinical Staff of Audiology | 20 | 06.07.17 |
|  | Orientation program on ***‘Updates on AB Cochlear Implant devices’*** by Ms. Nikita Francis, Clinical Specialist from Advanced Bionics | Dr. Manjula P. | To orient about the products | IHDU staff | 5 | 18.07.17 |
|  | Orientation program on Listening Training by Dr. AshaYathiraj& Ms. Jyothi S. | Dr. Asha Yathiraj &  Ms. Jyothi | To orient about LTU | I B.ASLP students | 57 | 28.07.17 |
|  | Mr. Karthik K. S., Clinical Specialist-Audiology from MED-EL | Dr. Manjula P. | To orient about the products | IHDU staff | 5 | 14.09.17 |
|  | Orientation on the recent products launched by Amplifon | Dr. Saneep M., Dr. Ramadevi | To orient about the products | Clinical Staff | 11 | 14.12.17 |

* **Journal club/Clinical Conference**

**Journal club : 11**

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| --- | --- | --- | --- |
| **Sl. No** | **Topic** | **Guide** | **Schedule** |
|  | Niraj Kumar Singh, Sujeet Kumar Sinha and Animesh Barman (2016). Assessment ofotolith mediated neural reflexes through cervical and ocular vestibular evoked myogenic potentials in individuals with auditory neuropathy spectrum disorders | Dr. Sujeet Kumar Sinha, Reader in Audiology | 28.04.17 |
|  | Manchaiah, V., Denermark, B., Vinay, T.A., Tome, D., Krishna, R., &Germundsson, P. (2015). Social representation of hearing aids: cross-cultureal study in India, Iran, Portugal and the United Kingdom. Clinical interventions in aging, 10, 1601-1615 | Dr. Rajalakshmi K, Professor of Audiology | 24.08.17 |
|  | Reference: Amanda I. Rodriguez, Megan L.A. Thomas, Denis Fitzpatrick &amp; Kristen L. Janky, (2017). Effects of High Sound Exposure During Air-Conditioned Vestibular Evoked Myogenic Potential Testing in Children and Young Adults. Ear &amp; Hearing, published ahead of print | Dr. Sujeet Kumar Sinha, Reader in Audiology | 14.09.17 |
|  | Reference: Dawes, P., &amp; Munro, K. J. (2017). Auditory distraction and acclimatization to hearing aids. Ear and hearing, 38(2), 174-183.  Highlights the importance of consistent hearing aid usage that supports nad enhances auditory acclimatization which reduces auditory distractions | Dr. Hemanth N. , Reader in Audiology | 21.09.17 |
|  | Reference: JayaganeshSwaminathan, Christine R. Mason, Timothy M. Streeter, Virginia Best,  Gerald Kidd ,Jr&amp; AniruddhD.Patel .(2015). Musical Training, individual differences and thecocktail party problem. Scientific Reports. doi. 10.1038/srep11628. | Dr. Ajith Kumar U., Professor of Audiology. | 05.10.17 |
|  | Reference: Greaver, L., Eskridge, H., &amp; Teagle, H. F. B. (2017). Considerations for Pediatric  Cochlear Implant Recipients with Unilateral or Asymmetric Hearing Loss: Assessment,  Device Fitting, and Habilitation. American Journal of Audiology, Vol. 26, 91–98. | Dr. AshaYathiraj, Professor of Audiology | 19.10.17 |
|  | Optimal stimulus characteristics for tinnitus reduction which appear to be highly subject specific | Mr. Sreeraj K., Lecturer in Audiology | 18.01.18 |
|  | Hearing aid benefit in individuals with ANSD shows limited benefit. Results and its signification | Dr. Animesh Barman, Professor of Audiology | 25.01.18 |
|  | Study to determine the smallest frequency change that elicits a response in children, electrophysiologically and behaviorally for two carrier frequencies: 500 Hz and 3000 Hz | Dr. Rajalakshmi K., Professor of Audiology | 23.02.18 |
|  | Prevalence of hearing loss (HL) and associated factors in a nationwide study. This JC highlights the significance of identifying associated factors related to hearing loss which can be used for the proper provision of health care, screening and preventive services | Dr. Chandni Jain, Reader in Audiology | 02.03.18 |
|  | The eardrums move when the eyes move: A multisensory effect on the mechanics of hearing | Dr. Sandeep M.  Reader in Audiology | 08.03.18 |

**Clinical Conference : 13**

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| **Sl. No** | **Topic** | **Guide** | **Schedule** |
|  | Auditory processing problem in Cluttering | Dr. PrashanthPrabhu | 06.04.17 |
|  | Unilateral severe hearing loss | Dr. Ajith Kumar U.,  Dr. Sharath Kumar | 13.04.17 |
|  | Porgress in a cochlear implant user with Autism | Dr. AshaYathiraj | 21.04.17 |
|  | Right: Mild sensorineural hearing loss and left: Moderate sensorineural hearing loss, | Mr. Sreeraj K.  **Co-guide:**  Mr. Jithinraj | 01.09.17 |
|  | Facial twitches in a cochlear implant user | Dr. Asha Yathiraj | 15.09.17 |
|  | PD: Right ear- Minimal hearing loss, Left ear- Minimal sensorineural hearing loss  Diagnostic criteria for the diagnosis of BPPV and its rehabilitation | Dr. Sujeet Kumar Sinha | 22.09.17 |
|  | Spoken language disorder secondary to hearing loss  Importance of early and appropriate management | Dr. Manjula P. | 6.10.17 |
|  | Schemes for procuring hearing aids for individuals with HI | Dr. Sandeep M.,  Dr. Sharath | 20.10.17 |
|  | Importance of detailed audiological assessment of individuals with sudden sensorineural hearing loss (SSNHL) in three clients | Dr. Prawin Kumar | 30.11.17 |
|  | Sensitivity of various audiological tests for differentiating sensori versus neural pathologies | Dr. Animesh Barman | 07.12.17 |
|  | Bilateral Moderate Sensorineural hearing loss with Tinnitus | Dr. Hemanth N. | 21.12.17 |
|  | Role of Audiologist as an expert witness in medico-legal cases | Dr. Prashanth Prabhu & Dr. Sharath K.S. | 28.12.17 |
|  | Bilateral profound hearing loss | Guide: Dr. Devi N.  Co-guide:  Ms. Revathi K.R. | 19.01.18 |

1. **Clinical Observation postings of students from other Institutes : 20**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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.Ashwath K. | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.04.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Aniruddh Tiwari, JNMC, Belgaum | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 11.05.17 |
|  | 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 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Madhuri M. Gudikote | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.07.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. KarthikaBhagavan, KLE, Belgaum | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 11.08.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Pratibha Reddy, KLE, Belgaum, Jawaharlal nehru medical college | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 01.09.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Vishal Nair, KLE Hosptial, Belgaum, JNMC | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.10.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Malashree S.G., Shri. B.M.K.A.M., Belgavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.10.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Kihitija Pathak, KLE Hosptial, Belgaum, JNMC | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.11.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Swetha K. & Dr. Aishwarya J.G., Apollo Hospital, Bangalore | Dr. Rajalakshmi K. & Mr. Darga Baba | 1 | 24.11.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Manali Bhat, JNMC, Belgavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 14.12.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Ashwini B.E., Dr. Anand Kumar S., Dr. Deepthi Nayak, Dr. Aswathi P.T. | Dr. Rajalakshmi K.& Mr. Darga Baba | 4 | 14.12.17, 15.12.17 & 28.12.17 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Suhasini JNMC, Belagavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 09.01.18 (Forenoon) |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Suhasini JNMC, Belagavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 12.01.18 (afternoon) |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Rajesh T.S, SSIMS and RC, Davangere | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 11.01.18 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Diju Prabhakaran, SSIMS and RC, Davangere | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 25.01.18 (Forenoon) |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Deepthi, JNMC, Belagavi | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 02.02.18 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Shibu Khan M. | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 08.02.18 |
|  | HE, HAT–An overview & observation | Observation of hearing tests, procedures involved in hearing aid fitting | Dr. Rajesh R. Hanaldar | Dr. Rajalakshmi K.& Mr. Darga Baba | 1 | 13.03.18 |

1. **Seminars / Conferences / Workshops**

**Organized : 6**

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| --- | --- | --- | --- | --- | --- |
| **No.** | **Theme / Topic** | **Coordinator** | **Target audience** | **No. of participants** | **Date** |
|  | National workshop on assessment and management of vestibular disorders | Dr. Sujeet Kumar Sinha & Dr. Prawin Kumar | Professionals, students | 190 | 6-7 April 17 |
|  | Fine tuning of digital hearing aids | Dr. Ramadevi,  Ms. Mamatha N.M,  Mr. Vikas,  Mr. Jithin,  Mr. Darga Baba &  Dr. Sandeep M. | Hearing Aid Users | 36 | 08.09.17  (two batches) |
|  | Workshop on Sign Language Interpretation by Mr. Rajkumar, Special Educator | Dr. Sandeep M. | Staff of the department | 19 | 23.09.17 (Half day) |
|  | National Seminar on Listening Training for Children with Hearing Impairment | Dr. AshaYathiraj,  Ms. Megha,  Mr. Jawahar Antony | Professionals, students | 105 | 05.10.17 |
|  | National Seminar on Management of Central Auditory Processing Disorders | Dr. AshaYathiraj,  Dr. Devi N.,  Dr. Chandni Jain | Professionals, students | 80 | 06.10.17 |
|  | National workshop on Auditory Brainstem and Cortical Evoked Potentials | Dr. Sandeep M.,  Dr. Ganapathy M.K. & Dr. Hemanth N | PG students and professionals | 19 | 7-8 Dec 2017 |

1. **In-house Training / Staff enrichment program - 19**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Title** | **Coordinator** | **Resource Person** | | **No. of participants** | **Date** |
|  | Vestibular implants and outcomes | Dr. Sandeep M., HOD-Audiology | | Mr. RaghavJha | 29 | 05.04.17 |
|  | Functional Near-Infrared Spectroscopy (FNIRS) | Dr. Sandeep M., HOD-Audiology | | Ms. Maithri N. | 35 | 19.04.17 |
|  | KUDU Wave 5000 (Sound booth, head set & audiometer) | Dr. Sandeep M., HOD-Audiology | | Ms. Mamatha H.R. | 28 | 03.05.17 |
|  | Ototoxicity in neonates (Aminoglycosides and genetics) | Dr. Sandeep M., HOD-Audiology | | Ms. Meghana Mohan | 27 | 31.05.17 |
|  | Hearx: A mobile based hearing screening application | Dr. Sandeep M.  HOD-Audiology | | Ms. Pratibha | 29 | 07.06.17 |
|  | Personalized object-based audio for hearing impaired TV viewers | Dr. Sandeep M.  HOD-Audiology | | Ms. Sahana /V. | 31 | 05.07.17 |
|  | Development and technical validation of the mobile based assistive listening system: A smart phone based remote microphone | Dr. Sandeep M.  HOD-Audiology | | Ms. Sindhu P | 25 | 19.07.17 |
|  | Methods to avoid bias in research | Dr. Sandeep M.  HOD-Audiology | | Dr. Prashanth Prabhu | 30 | 02.08.17 |
|  | A smartphone-Based multi-functional hearing assistive system (SmartHear) to facilitate speech recognition in the classroom | Dr. Sandeep M.  HOD-Audiology | | Ms, ShubhaTak | 34 | 04.09.17 |
|  | Next generation newborn hearing screening | Dr. Sandeep M.  HOD-Audiology | | Ms. Tina H | 38 | 06.09.17 |
|  | Neuroscan Training Programme | Dr. Sandeep M.  HOD-Audiology | | Mr. Nike G. & Ms. Dhathri | 16 | 12.10.17 & 13.10.17 |
|  | International Collaborations | Dr. Sandeep M.  HOD-Audiology | | Dr. Ajith Kumar U., | 21 | 06.12.17 |
|  | Brief overview of Amblyaudia | Dr. Sandeep M.  HOD-Audiology | | Mr. Shreyank P. Swamy, JRF | 30 | 20.12.17 |
|  | Digitization of departmental administrative acitivity | Dr. Sandeep M.  HOD-Audiology | | Dr. Prashanth S.S | 16 | 28.12.17 |
|  | Cartilage conduction hearing aids for severe conduction of hearing loss | Dr. Sandeep M.  HOD-Audiology | | Ms. Meenu | 33 | 24.01.18 |
|  | Hearing loss in children with e-waste lead and cadmium exposure | Dr. Sujeet Kumar Sinha  HOD-Audiology | | Ms. Keerthi S.P. | 30 | 21.02.18 |
|  | Vestibular profile of type 1 & type 2 chronic diabetes mellitus | Dr. Sujeet Kumar Sinha  HOD-Audiology | | Ms. Kirthi Joshi | 26 | 02.03.18 |
|  | Objective test of cochlear dead regions in elctrophysiological approach using acoustic change complex | Dr. Sujeet Kumar Sinha  HOD-Audiology | | Mr. Sreekanth | 35 | 07.03.18 |
|  | Evidence of noise induced sub clinical hearing loss using auditory brainstem responses & objective measures in noise exposure in humans | Dr. Sujeet Kumar Sinha  HOD-Audiology | | Ms. Robina | 24 | 14.03.18 |

1. **Guest lectures**

**Organised : 13**

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| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Topic of lecture** | **Organizer** | **Date** |
|  | Dr. G. Rajeshwari, Professor of ENT, AIISH | * Medical aspects of Vertigo * Medcial aspects of vestibular rehabilitation | Dr. Sujeet Kumar Sinha & Dr. Prawin Kumar | 6-7 April 2017 |
|  | Dr. Kaushlendra Kumar, Associate Professor, Kasturba Medical College | * Recording and interpretation of cervical vestibular evoked myogenic potentials | Dr. Sujeet Kumar Sinha & Dr. Prawin Kumar | 06.04.17 |
|  | Dr. John Soleman, Associate Professor, School of Allied Health Sciences, Manipal | * Vestibular Rehabilitation-Physiotherapist View | Dr. Sujeet Kumar Sinha & Dr. Prawin Kumar | 07.04.17 |
|  | Ms. Nirmala J., Audiologist, Mandya Institute of Medical Sciences | * Demonstration of vHIT | Dr. Sujeet Kumar Sinha & Dr. Prawin Kumar | 07.04.17 |
|  | Ms. Rakshita Gokula, Ph.D student from Macquarie University, Sydney, Australia | * Research faciltites in Austrailia | Dr. Rajalakshmi K. | 23.04.17 |
|  | Dr. Vinay S.N., Professor (Audiology) at the Faculty of Medicine and Health Sciences at  Norwegian University of Science and Technology in Trondheim, Norway | * Dead regions of Cochlea: Assessment and Managment’ and ‘Hearing screening: Current Trend in Europe’ | Dr. Sandeep M.,  HOD- Audiology  &  Dr. Manjula P., Professor of Audiology | 26.07.17 |
|  | Mr. Rajkumar, Special Educator, AIISH | * Sign Lanuage and demonstration | Dr. Sandeep M., HOD-Audiology | 23.09.17 |
|  | Dr. Shibasis Choudhry, Oticon Medical, U.K. | * Digisonic cochlear implants | Dr. Manjula P. & Dr. GeethaC. | 22.10.17 (Half day) |
|  | Ms. JananiJeyaraman | * Activiteis and demonstration of listening training strategies in older children, * Measurement of performance of listening training 3. * Theory of mind | Dr. AshaYathiraj, Ms. Megha,  Mr. Jawahar Antony | 05.10.17 |
|  | Dr. N. Shivashankar, Professor and HOD, NIMHANS, Bangalore | * Non-Audiological Management of CAPD | Dr. AshaYathiraj, Dr. Devi N.,  Dr. Chandni Jain | 06.10.17 |
|  | Dr. JayashreeShanbal, Reader in Lanugage Pathology, AIISH | * Compensatory strategies for the management of CAPD- SLP’s perspective | Dr. AshaYathiraj, Dr. Devi N.,  Dr. Chandni Jain | 06.10.17 |
|  | Mr. G. Nike Gnanateja, Ph.d. Student, AIISH | * Lecture on theoretical aspects of FFR * Demonstration of recording and analysis of FFR * Hands on training in FFR recording | Dr. Sandeep M., HOD-Audiology | 7-8 Dec 2017 |
|  | Ms. Dhatri S. Devaraju,  Ph.d. Student, AIISH | * Demonstration of recording EEG * Different methods of analyzing EEG | Dr. Sandeep M., HOD-Audiology | 7-8 Dec 2017 |

**Attended by staff at AIISH : 21**

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| --- | --- | --- | --- | --- |
| **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 |
|  | Dr. AshaYathiraj, Dr. Rajalakshmi K., Dr. Ajith Kumar, Dr. Sandeep M., Dr. Prawin Kumar, Dr. Devi N., Ms. Mamatha N.M., Dr. Ganapathy M.K. and all JRFs & research officers | Talk on Editorial skills by Dr. Bharath Chandrasekaran, Associate Professor, Department of Communication Sciences and Disorders, University of Texas. | Seminar hall, AIISH | 29.06.17 |
|  | Dr. Devi N.,  Dr. Ramadevi KJS,  Ms. Revathi K.R. | Virtual seminar on ‘Guidelines for Tele Practice in Speech Langauge Pathology & Audiology’ | Seminar hall, AIISH | 12.07.17 |
|  | Dr. Devi N. &  Dr. Geetha C. | Workshop on Development of Content for Public Education Materials | DMD, AIISH | 27.07.17 |
|  | Dr. Manjula P.,  Dr. Sandeep M., Dr. Devi, Dr. Geetha, Dr. Chandni, Dr. Hemanth, Mr. Ganapathy, Dr. Ramadevi, Mr. Jithin, Mr. Sharath, Mr. Vikas, Mr. Nagaraju, Mr. Vivek, Mr. Subramanya, Ms. Nayana, Mr. Jayaram, Mr. Kumarswamy, Mr. Deilipkumar, | Workshop on Sign Language Interpretation | Practical Lab, Deparmtnent of Audiology | 23.09.17 |
|  | Dr. Asha Yathiraj, Mr. Jawahar Antony, Ms. Megha, Dr. Sandeep, | National Seminar on Listening Training for Children with Hearing Impairment | Seminar hall, AIISH | 05.10.17 |
|  | Dr. Asha Yathiraj, Dr. Devi N., Dr. Chandni Jain, Dr. Geetha C., Mr. Arunraj K., Dr. Sandeep M. | National Seminar on Central Auditory Processing Disorders | Seminar hall, AIISH | 06.10.17 |
|  | Dr. Rajalakshimi K,  Dr. Sandeep M., Dr. Prawin Kumar, Dr. Sharth Kumar | Inhouse workshop on Neuroscan Training Programme | EP LAB, Deparmtnent of Audiology | 12.10.17 & 13.10.17 |
|  | Dr. Manjula P.,  Ms. Megha, Mr. Jawahar Antony, Ms. Nayana | Guest lecture of Dr. Shibasis Choudhry, U.K. on Digisonic cochlear implants | Seminar hall, AIISH | 22.10.17 (Half day) |
|  | Ms. Jyothi S. | National Seminar on Swallowing Disorders organized by the department of Speech Language Pathology | Seminar hall, AIISH | 16th to 17th November 2017 |
|  | Mr. Darga Baba | Translation of Public Education Material in Hindi-Phase II organied by DMD | DMD, AIISH | 28.11.17 |
|  | Mr. Arunraj K. | National workshop on Importance and Practises of Indian Sign Language organized by the department of Special Education | Seminar Hall, AIISH, Mysuru | 14-5 December 2017 |
|  | Dr. Prashanth Prabhu & Mr. Vikas M.D. | Pulbic Financial Management System organized by Accounts | Seminar Hall, AIISH, Mysuru | 28-29 Dec 2017 |
|  | Dr. Manjula P. | Methods of clinical research | Pre-conference 50th ISHACON: Mysuru | 04.01.18 |
|  | Dr. Rajalsshmi K. | Genetics of speech and hearing: Recent advances | Pre-conference 50th ISHACON: Mysuru | 04.01.18 |
|  | Ms. Mamatha N.M., Dr. Ganapathy M.K. | Hearing loss identification in infants and young children: objective measures | Pre-conference 50th ISHACON: Mysuru | 04.01.18 |
|  | Dr. Ramadevi KJS, Ms. Revathi K.R. | Brain correlates of speech and language processing | Pre-conference 50th ISHACON: Mysuru | 04.01.18 |
|  | Ms. Revathi K.R. | Assessment and management of childhood apraxia of speech: Clinical perspectives | Pre-conference 50th ISHACON: Mysuru | 04.01.18 |
|  | Dr. Asha Yathiraj, Dr. Manjula P., Dr. Ajith Kumar, Dr. SandeepM., Dr. Sujeet Kumar, Dr. Prawin Kumar, Dr. Devi N., Dr. Chandni Jain, Dr. Geetha C., Ms. Mamatha N.M., Mr. Sreeraj K., Dr. Prashanth Prabhu | Workshop on Revision of Regulations and Syllabus for B.ASLP Course | Library and Information Center, AIISH | 17.01.18 |
|  | Dr. Rajalakshmi K., Dr. Sandeep M., Dr. Devi N., Dr. Chandni Jain, Ms. Indira | Genetic Analysis organized by the Unit for Human Genetics (SLS) | Mini Seminar Hall, Academic Block, AIISH | 20.02.18 |
|  | Dr. Rajalakshmi K. & Dr. Prawin Kumar | National workshop on speech language and processing organized by SLS department | Seminar Hall, Academic Block, AIISH | 27-28 Mar 18 |

1. **Invited talks delivered by the Staff**
2. **Within AIISH : 23**

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| --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Title of the program** | **Topic of lecture** | **Date** |
|  | Dr. Devi N., Lecturer in Audiology | Tele-orientation Programme | * Speech reading training for children with HI | 06.04.17 |
|  | Dr. Animesh Barman, Professor of Audiology | National workshop on Assessment and management of vestibular disorders | * Functional anatomy of vestibular system | 06.04.17 |
|  | Dr. Sujeet Kumar Sinha, Reader in Audiology | National workshop on Assessment and management of vestibular disorders | * Demonstration of subjective assessment of vestibular disorders * ENG/VNG (Lecture & demo) | 06.04.17 & 07.04.17 |
|  | Dr. Prawin Kumar, Reader in Audiology | National workshop on Assessment and management of vestibular disorders | * Demonstration of cervical vestibular evoked myogenic potentials | 06.04.17 |
|  | Dr. Niraj Kumar Singh, Reader in Audiology | National workshop on Assessment and management of vestibular disorders | * Recording and interpretation of ocular vestibular evoked myogenic potentials * Demonstration of ocular vestibular evoked myogenic potencials * Recording and interpretation of video head impulse test | 06.04.17 & 07.04.17 |
|  | Dr. Geetha C., Lecturer in Audiology | Orientation program on learning disability | * Auditory processing aspects in learning disability | 08.08.17 |
|  | Ms. Mamatha N.M. | Fine tuneing of digital hearing aids-Individuals with hearing impairment | * Lecture on digital hearing aids-care, use and trouble shooting | 08.09.17 |
|  | Dr. Ramadevi KJS | Fine tuneing of digital hearing aids-Individuals with hearing impairment | * Demonstration and orientation of recent devices | 08.09.17 |
|  | Mr. Vikas M.D. | Fine tuneing of digital hearing aids-Individuals with hearing impairment | * Lecture on digital hearing aids-care, use and trouble shooting | 08.09.17 |
|  | Mr. Jithinraj B. | Fine tuneing of digital hearing aids-Individuals with hearing impairment | * Demonstration and orientation of recent devices | 08.09.17 |
|  | Dr. AshaYathiraj | National Seminar on Listening Training for Children with Hearing Impairment organized by Dept. of Audiology | * Pre-requisites and strategies of listening training | 05.10.17 |
|  | Dr. Devi N. | National Seminar on Listening Training for Children with Hearing Impairment organized by Dept. of Audiology | * Activities and demonstration of listening training strategies in infants and toddlers | 05.10.17 |
|  | Dr. AshaYathiraj | National Seminar on Management of Central Auditory Processing Disorders organized by Dept. of Audiology | * Techniques in audiological management of CAPD: Auditory integration, phoneme syntheses and auditory memory | 06.10.17 |
|  | Dr. Ajith Kumar U. | National Seminar on Management of Central Auditory Processing Disorders organized by Dept. of Audiology | * Evaluation of outcome of CAPD management | 06.10.17 |
|  | Dr. Devi N. | National Seminar on Management of Central Auditory Processing Disorders organized by Dept. of Audiology | * Other strategies for the management of CAPD (softwares and game based) | 06.10.17 |
|  | Dr. Chandni Jain | National Seminar on Management of Central Auditory Processing Disorders organized by Dept. of Audiology | * Overview of CAPD and its management * Techniques in audiological management of CAPD: Temporal and auditory separation | 06.10.17 |
|  | Dr. Animesh Barman | National seminar on ‘Noise induced hearing loss: A propagative guidance for initiation of hearing conservation program’ organized by the department of POCD in association with regional occupational health center (s), Bengaluru, National Institute of Occupational Health, ICMR (RCI-CRE) | * Brief overview of anatomy of ear &Pathophysiology due to Occupational health hazards * Audiological indications of Noise induced hearing loss | 27.10.17 |
|  | Dr. Devi N. | National seminar on ‘Noise induced hearing loss: A propagative guidance for initiation of hearing conservation program’ organized by the department of POCD in association with regional occupational health center (s), Bengaluru, National Institute of Occupational Health, ICMR (RCI-CRE) | * Strategies for prevention of Noise-Induced hearing loss’ | 27.10.17 |
|  | Mr. Sreeraj K | National seminar on ‘Noise induced hearing loss: A propagative guidance for initiation of hearing conservation program’ organized by the department of POCD in association with regional occupational health center (s), Bengaluru, National Institute of Occupational Health, ICMR (RCI-CRE) | * Noise Standards, Regulation laws and Guidelines (Noise/Chemicals/Music related) | 27.10.17 |
|  | Mr. Arunraj K. | National seminar on ‘Noise induced hearing loss: A propagative guidance for initiation of hearing conservation program’ organized by the department of POCD in association with regional occupational health center (s), Bengaluru, National Institute of Occupational Health, ICMR (RCI-CRE) | * Hearing Conservation program * Selection and fitting of Hearing protection devices | 27.10.17 |
|  | Dr. Sandeep M. | National workshop on Auditory Brainstem and Cortical Evoked Potentials | * Theoretical aspects of MMN and P300 * Demonstration of recording and analysis of MMN and P300 * Hands on training in MMN and P300 recordings | 7-8 December 2017 |
|  | Mr. Ganapathy M.K. | National workshop on Auditory Brainstem and Cortical Evoked Potentials | * Theoretical aspects of LLR and AAC * Demonstration of recording and analysis of LLR and ACC * Hands on training in LLR and ACC recordings | 7-8 December 2017 |
|  | Mr. Anoop B.J. | National workshop on Auditory Brainstem and Cortical Evoked Potentials | * Demonstration of recording EEG * Different methods of analyzing EEG | 7-8 December 2017 |

1. **Outside AIISH - 13**

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| --- | --- | --- | --- | --- | --- |
| **No.** | **Name, designation and institutional affiliation of Lecturer** | **Title of the program& Place** | | **Topic of lecture** | **Date** |
|  | Dr. Sujeet Kumar Sinha, Reader in Audiology | Integrative academy of Audiology, Hyderabad | * Cervical vestibular evoked myogenic potentials * Electronystagmography / videonystagmography | | 8-9April 2017 |
|  | Dr. Geetha C., Reader in Audiology | Training program for the teachers of KendriyaVidyalaya in identification of students with learing disabilities and handling them | * Hearing loss-Definition, causes, characteristics, identification and strategies to be adopted by the teachers for such children | | 17.08.17 |
|  | Dr. Asha Yathiraj, Professor of Audiology | 3rd International conference on Audiological Sciences, KMC, Manipal University, Mangaluru | * Cochlear implantation in special cases | | 22.09.17 |
|  | Dr. Asha Yathiraj, Professor of Audiology | 3rd International conference on Audiological Sciences | * Fitting and programming of cochlear implants in children and adults’ | | 22.09.17 |
|  | Dr. Ajith Kumar U., Professor of Audiology | 3rd International conference on Audiological Sciences | * Auditory plasticity and reorganization before and after cochlear implantation | | 21.09.17 |
|  | Dr. Rajalakshmi K., Professor of Audiology | Auditory Brainstem Responses & Masking-The Basics and Clinical Application & Recent Advances in the Management of Cleft Palate Children, Baby Memorial Hospital, Calicut | * Auditory Brainstem Responses & Masking * The Basics and Clinical Application | | 25-26 November 2017 |
|  | Dr. Manjula P., Professor of Audiology | Course on Rehabilitative technology, Kelaniya university, Colombo, Srilanka | * Rehabilitative technology for the hearing impared - Part II to B.Sc students | | 22.01.18 to 26.01.18 |
|  | Dr. Rajalakshmi K., Professor of Audiology | Neurootological and Equilibriometric Society of India (NES-2018) organized by All India Institute of Medical Sciences, Jodhpur between 1st to 4th February 2018, All India Institute of Medical Sciences, Jodhpur | * Hearing Aids | | 1-4 February 2018 |
|  | Dr. Asha Yathiraj, Professor of Audiology | Conference cum workshop on Community based awareness for inclusive education and rehabilitation & Auditory processing disorder: Assessment and Management, Sri Ramachandra Medical College and research institute in collaboration with National institute for empowerment of persons with multiple disabilities, Chennai | * Processes specific intervention ofAuditory Processing Disorder | | 16.02.18 |
|  | Dr. Asha Yathiraj, Professor of Audiology | 4th workshop on cochlear implantation in cochlear anomalies and thin cochlear nerves and witnessed the live surgical demonstration  Medikeri ent research institute Trust in collaboration with Sagar Hospitals, Bangalore | * **Habilitation issues in Cochlear anomalies and hypo plastic Cochlear nerves - Pitfalls and the Road map** | | 23-24 Feb 2018 |
|  | Mr. Sreeraj K. | Orientation program at Nilambur, Kerala | * Screening for communication disorders | | 10.03.18 |
|  | Dr. Ajith Kumar U. | National seminar on Auditory Neurosciences at JSS sp & Hg, Mysuru | * Higher order cognitive potentials: Clinical findings * Speech processing in auditory system | | 16.03.18 |
|  | Dr. Asha Yathiraj | National seminar on Auditory Neurosciences at JSS sp & Hg, Mysuru | * Introduction to cognition related to hearing and hearing disorders | | 17.03.18 |

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

|  |  |
| --- | --- |
| Dr. Asha Yathiraj | * Attended BOS meeting at Sri Ramachandra University, Chennai on 15.04.17 * Attended RAC meeting at Sri Ramachandra University, Chennai on 15.04.17 * Attended BOS meeting at JSS Sp& Hg, Mysuru on 13.12.17 * Chairperson of BOS for PG-Audiology, Speech Language Pathology and Special Education * Member for BOS -Speech and Hearing * Attended BOS meeting at JSS institute of speech and hearing, Mysuru on 20.01.18 * Member of BOS for Audiology, Speech and Hearing * Attended Board of Appointment of examiners for Special Education at University of Mysore on 20.02.18 * BOE meeting of University of Mysurur on 14.03.18 at JSS Sp & Hearing, Mysuru * Attended and chaired BOE meeting (Special Education) on 15.03.18 |
| Dr. P. Manjula | * Served as member for selection committee meeting to select candidates for admission to I MASLP at JSS Institute of speech and hearing, Mysore on 01.07.17 * Attended BOS meeting at JSS Sp& Hg, Mysuru on 13.12.17 * Attended BOS meeting at JSS institute of speech and hearing, Mysuru on 20.01.18 * Resource person at Kelaniya university, Srilanka from 22.01.18 to 26.01.18 * Member of BOS for Audiology, Speech and Hearing * Examiner, Sri Devaraj Urs Academy of Higher Education & Research * BOE meeting of University of Mysurur on 14.03.18 at JSS Sp & Hearing, Mysuru |
| Dr. K.Rajalakshmi | * Served as External examiner at Manipal University * Member of BOS for Srikrishna Devaraja University, Bellary * Examiner of Mysore university * Examiner for BASLP at Holy cross college, Trichy * Member of BOS of Holy cross college, Trichy * Governing council member of Samvaad College * Evaluated Ph.D thesis of MAHE and served as external examiner |
| Dr. Animesh Barman | * Examiner at Bangalore University on 17.02.18 * BOE member of Mangalore University |
| Dr. Ajith Kumar U. | * Served as External examiner on 17th& 18th April 2017 * Served as External examiner at Manipal University * Served as Examiner at Manipal university on 25th & 26th December 2017 * BOE meeting of University of Mysurur on 14.03.18 at JSS Sp & Hearing, Mysuru |
| 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 * Examiner (Ph.D) at Manipal university * Examiner at Bangalore University on 03.02.18 * Invited as External expert for Doctoral research at Devaraj Urs university, Kolar * Attended BOE meeting (Special Education) on 15.03.18 |
| Dr. Sujeet Kumar Sinha | * Served as External examiner at Manipal University * Examiner for AYJNISHD, Kolkata * Examiner at Bangalore University * Examiner SRM university |
| Dr. Prawin Kumar | * Served as External examiner at Manipal University * Examiner at Bangalore University on 10.02.18 |
| Ms. Mamatha N.M. | * Attended as external examiner for D.Ed.Sp.Ed (HI) of 1stsem of 2016-17 batch on 09.10.17 & 10.10.17 at Govt. teachers training centre for VI & HI children, Mysore * Examiner for University of Kerala, NISH (BASLP) * Examiner SRM university |
| Ms. Devi N. | * Served as Examiner at Kerala university * Served as Examiner for JIPMER * Severed as Examiner for Bangalore university |
| Dr. GeethaC. | * Served as External examiner at Bharatividyapeet, Pune * Served as External examiner at Manipal University |
| Chandni Jain | * Served as External examiner for Manipur University * Served as Examiner at Kerala university * Examiner at Kerala Universtiy of Health Sciences * Examiner-SRMC, Chennai and BharatiVidyapeet Pune |
| Mr. Sreeraj K. | * External examiner at Bangalore university |

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

|  |  |
| --- | --- |
| Dr. AshaYathiraj | * Served as Chief Guest at St. Rosseloos Central School on 14.11.17 * Attended meeting of task force constituted for development of operational guidelines for primary care in ENT on 11.01.18 and 12.01.18 (half day) through Skype * Attended 2nd ENT taskforce meeting on 31.01.18 * Served as guest of honor at Inauguration of 2 days national seminar on Auditory Neurosciences on 16.03.18 * Member of ENT Task force, Ministry of Health and Family Welfare, GOI, N. Delhi |
| Dr. Manjula P. | * Attended state cochlear committee meeting held at SuvarnaArogya Suraksha Trust, Bangalore on 09.05.17 * Attended meeting on a state cochlear committee under the chairmanship of Mission Director, National Health Mission scheduled on 19.08.17 at Conference hall of Suvarna Arogya Suraksha Trust * Attended state cochlear committee meeting convened under the chairmanship of Mission Director, National Health Mission in the conference hall of SuvarnaArogyaSuraksha Trust, KH Road, Bengaluru on 27th October 2017 |
| Dr. Rajalakshmi K. | * Attended RPWD 2016 meeting at Bengaluru on 11.10.17 * Served as Chairperson for Neurootological and Equilibriometric Society of India (NES-2018) organized by All India Institute of Medical Sciences, Jodhpur between 1st to 4th February 2018 * Attended Inauguration ceremony of Shravana Institute of Speech and Hearing, Bellari on 2nd December 2017 |
| Dr. Prashanth Prabhu | * Deputed for a meeting on Revised Persons with Disability Act (RPWD) on 20.09.17 at Bangalore |

**RESEARCH ACTIVITIES/** अनुसंधानगतिविधियाँ

1. **Funded Research Projects**
2. **Completed Projects: Intra-mural - 11**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Title** | **Objectives** | **Investigator/s** | **Ref.** |
|  | Factors Affecting Cocktail-Party Listening in Normal Hearing Listeners | To investigate effect of age on spra-threshold processing and cognition ; relation to problems with supra-threshold processing and working memory | Ms. Chandni Jain  Mr. Vikas M.D. | 4.38 |
|  | Comparison of normal and pathological middle ear using multi-frequency tympanometry |  | Dr. M. Sandeep | 3.16 |
|  | 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) |
|  | Effect of Auditory Deprivation on Some Aspects of Temporal Processing and Speech Perception Abilities | To document the effect of duration of hearing loss on word identification scores, monosyllable identification, sentence identification, temporal processing and ANL | **PI-**Dr. Sandeep M  **CI-**Ms. Chandni Jain | 4.82 |
|  | Noise Mapping of Mysuru City | Measurement and comparision of noise levels of identified areas (under 4 categories) at four different time frames spaning day and night | Mr. Sreeraj K.  Ms. Suma Chatni | 6.70 |
|  | Relationship between envelop difference index (EDI) and speech perception with noise reduction strategies in hearing aids | To correlate the objective and subjective measurements across different experimental conditions. | Dr. GeethaC.  Dr. Hemanth N. | 4.33 |
|  | Development of phonemically balanced word lists in Kannada for adults | To develop and standardize phonetically balanced word list in Kannada | Dr. Manjula P, Geetha C, Sharath K, Jawahar, A.P. | 3.16 |
|  | Development of low frequency word lists in Hindi and in Kannada | To develop & standardize low frequency word list and to investigate the applications across clinical population. | PI: Prof. Animesh Barman  CI: Prashanth Prabhu,  Dr. Vijayakumar Narne  Niraj Kumar Singh | 5.92 |
|  | Bithermal Caloric Test and Video Impulse Test for the Assessment of Unilateral Vestibular Pathologies | To identify association between pithermal and video | **PI-**Mr. Niraj Kumar Singh  **CI-**Dr. Rajashwari G | 4.33 |
|  | ‘Hearing conservation program: Attitudes of employers and employees and the need for intervention module’ funded by AIISH, Mysore. | To investigate effect of age on spra-threshold processing and cognition ; relation to problems with supra-threshold processing and working memory | PI. Mr. Arun Raj  CI: Dr. N. Devi. | 4.29 |
|  | Development of hearing aid simulator | To develop a hearing aid simulator | PI: Sujeet Kumar Singh CI: Prof. Animesh Barman Dr. D.S. Guru, Dr. Vijayakumar Narne | 2.15 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***No.*** | ***Title*** | ***Ref*** | ***Investigators*** | ***Fund*** |
|  | 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 | 5.18 |
|  | Auditory processing in children with speech sound disorders | To assess audtitory processing in children with speech sound disorders | Dr. Chandni Jain-PI  Ms. Priya M.B.-CI | 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.-PI  Dr. Chandi Jain-CI | 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.-PI  Dr. Hemanth N-CI  Mr. PrashanthPrabhu-PI | 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.-PI  Dr.Manjula P.-CI | 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 | 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. & -PI  Dr. Jijo P.M. | 5.14 |

1. **New research project initiated/Approved: Extramural - NIL**

5 project proposals by Dr. Animesh Barman, Dr. Ajith Kumar U., Dr. Prawin Kumar, Dr. Niraj Kumar and Dr. Hemanth N. were presented at New Delhi from the department for DST funding in February 2018

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

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| --- | --- | --- | --- | --- | --- |
| **No.** | **Title** | **Objectives** | **Investigators** | **Fund in** ` | |
|  | Effect of canal widening (Type I Tympanoplasty) on hearing sensitivity | To develop a hearing aid simulator | PI: Dr. Prakash  CI: Dr. N. Devi and Dr. H. Sundara Raju | | 4.99 |
|  | Effectiveness of computer based auditory training in children with central auditory processing disorders | To evaluate the effective ness of computer based auditory training in children with central auditory processing disorders | Dr. Prawin Kumar  Niraj Kumar Singh | | 8.10 |
|  | 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 | **PI-**Dr. Ajith Kumar U  **CI-**Dr. Santosh M | | 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 | **PI-**Prof. Rajalakshmi K  **CI-**Dr. Ramadevi Sreenivas | 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 | **PI-**Dr. Manjula P  **CI-**Ms. Megha | 4.33 | |
|  | Effect of Spatial Noise on Speech Identification | To determine the influence of noise similar to ‘R-SPACE’TM noise in speech identification | Dr. AshaYathiraj | 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. | 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 | 4.93 | |
|  | Audiological and vestibular assessment in persons with osteoporosis and osteopenia |  | Dr. Prawin Kumar | 4.68 | |
|  | Effect of Cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential |  | Mr. SachchidanandSinha  Dr. Niraj Kumar Singh | 4.68 | |
|  | 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 | 15.04 | |
|  | Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairement | The aim of the study is to evaluate the influence of auditory processing abilities and working memory on hearing aid benefit in older individuals with hearing impairment. | PI: Dr. Geetha C  CI: Dr. Chandni Jain | 5.05 | |
|  | Contributory Factors of Hearing Handicap in individuals with Sensorineural hearing loss and auditory neuropathy spectrum Disorder (ANSD) | To compare scores of ‘Hearing Handicap Inventory for Adults’ between individuals with  SNHL and ANSD. | Dr. Jjio P.M.,  Dr. Hemanth N.,  Dr. Ajith Kumar U. | 4.93 | |
|  | Development of Auditory based Application software for Tinnitus treatement | To develop a tinnitus software | Sr. Hemanth N. | 7.50 | |
|  | 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 | 4.93 | |

1. **Ongoing research project:Extramural - 3**

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| --- | --- | --- | --- | --- | --- |
| **No.** | | **Title** | **Objectives** | **Investigators** | **Fund** ` |
|  | FMRI & ERP evidence for improvement in Audio-Visual integration in individuals with ANSD post speech reading training | | Use fMRI and ERP to assess the audio-visual integration in individuals with ANSD and observe the benefits of speech reading therapy using speech tracking method on audio-visual integration | PI-Dr. K Rajalakshmi, AIISH  CI-Dr. Arun Kumar Gupta, National Institute of Mental Health and Neuro Sciences | SB/SO/HS/050/2013  Rs. 51, 00, 500/-  (DST Project) |
|  | Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss | | To study on auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss | Dr. Sandeep M. | DST Project  Rs. 69,00,000/- |
|  | Efficacy of computer based training module on auditory and cognitive skills in children with central auditory processing disorders’ | | Computer based training module on auditory and cognitive skills in children with CAPD disorders | Dr. Prawin Kumar, Dr. Niraj Kumar | DST Project  Rs. 31,00,000/- |

1. **Doctoral and Post-Doctoral Programs**
2. **Degree Awarded - 4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Topic** | **Guide** | **Awarded on** |
| Sharath Kumar K.S. | Effect of noise reduction algorithms (NRA) in hearing aids on acoustic and perceptual measures | Prof. Manjula P | 14.11.17 |
| M.K. Ganapathy | Effect of age and noise on acoustic change complex – An electrophysiological study | Prof. Manjula P | 14.11.17 |
| Roshni Pillai | Auditory, visual and auditory-visual processing in children with learning disability | Prof. Asha Yathiraj | 07.03.18 |
| Prashanth Prabhu P | Amplification strategies to improve aided speech perception in individuals with auditory neuropathy spectrum disorder | Prof. Animesh Barman | 09.03.18 |

1. **Under Progress - 25**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name** | **Topic** | **Guide/Co-guide** |
|  | M.P. Reuben Jebaraj | Influence of hearing aid fitting strategies on speech recognition in individuals with sloping hearing loss | Prof. Manjula P.  **Guide** |
|  | Sreeraj K | Audiological profile and management of tinnitus in individuals with normal hearing | Prof. Manjula P.  **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** |
|  | 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  **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. | Auditory processing in individuals with cerebellar disorders-Review of literature | 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 | The role of cognitive abilites for successful hearing aid fitting and use | 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** |

1. **PG Dissertations**
2. **Completed-** 36 II M.Sc (Audiology) students submitted their Master’s dissertation under the guidance of the staff of the Audiology Department.

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| --- | --- | --- | --- |
| **No.** | **Name of the candidate** | **Title of the dissertation research proposal** | **Guide** |
| 01 | Abhijit | Evaluation of digital hearing aids with wireless synchronization in older adults | Dr. GeethaC. |
| 02 | Anoopa | Reasons for use and non-use of hearing aids | Dr. Manjula P. |
| 03 | Anuj Kumar | Correlation between vhit and caloric test in individual with auditory neuropathy spectrum disorder | Dr. Sujeet Kumar Sinha |
| 04 | Chaitra M.C. | Profiles of challenging listening situations experienced by people with hearing loss: effects of socioeconomic background | Dr. Rajalakshmi K. |
| 05 | Devamma V. | Comparison of directional microphone and digital noise reduction algorithms in binaural hearing aid users | Dr. N. Devi |
| 06 | Jasiya | Vestibular evoked myogenic potentials and video head impulse test in auditory neuropathy spectrum disorder | Dr. Niraj Kumar Singh |
| 07 | Jeena T.K. | Binaural interaction component, binaural fusion test and making level difference in children at risk of central auditory processing disorder | Dr. Prawin Kumar |
| 08 | Keerthi S P | Working memory and low redundancy speech perception in the normal ear of individuals with unilateral hearing loss | Dr. Jijo P.M. |
| 09 | Kirti Joshi | Impact of hearing aid use on vestibule-ocularreflex and body balance | Dr. Niraj Kumar Singh |
| 10 | Krithika G | Brainstem encoding of speech and corticofugal modulation in children with specific language impairment | Dr. Sujeet Kumar Sinha |
| 11 | Lavanya | Relationship between speech perception in noise and working memory in individuals with normal hearing | Dr. Ajith Kumar U. |
| 12 | ManishaSahu | Brainstem encoding of speech sound in individuals who practice meditation | Dr. Sujeet Kumar Sinha |
| 13 | Meenu A.V. | Effect of short-term exposure to below damage risk criteria noise on temporal processing and speech perception | Dr. Sandeep M. |
| 14 | Meghana N. | Effect of pranayama in the management of tinnitus | Ms. Mamatha N. M. |
| 15 | Nainitha K.K. | Acoustic change complex as an objective gap detection test in elderly individuals | Mr. GanapathyM.K. |
| 16 | NakhwaSonal | Development and evaluation of high frequency speech identification test in Indian-English for children | Dr. AshaYathiraj |
| 17 | Naveen C.P. | Influence of number of frequency bands on perception of Kannada chimeric sentences and words | Dr. Devi N. |
| 18 | Nayana M. | Psychoacoustic abilities of normal ear of listeners with unilateral hearing loss | Dr. Jijo P.M. |
| 19 | Pavana M | Effect of frequency transposit on learning of artificial speech in normal hearing individuals | Dr. Ajith Kumar U. |
| 20 | Preethi M | Effect of intensity, repetition rate and stimulus type on spectrum of auditory brain stem response | Dr. Animesh Barman |
| 21 | Priya K P | Early speech perception test for Kannada speaking children | Dr. AshaYathiraj |
| 22 | Rajith B N | Click-rate induced facilitation of acoustic reflex in children with sensory neural hearing loss | Dr. Rajalakshmi K. |
| 23 | Robina A | Acceptable noise level: effect of background language and number of speakers in Kannada speaking older adults with hearing impairment | Dr. GeethaC. |
| 24 | Sanjeev M R | Effect of noise on the sentence identification test in Kannada in individuals with hearing loss | Dr. GeethaC. |
| 25 | Sanakalpa M | Comparison of children at risk for auditory processing disorder between urban and rural schools | Dr. AshaYathiraj |
| 26 | Shamantha M | Comparison of channel-free and multi channel hearing aids on performance in individuals with sensorineural hearing loss | Dr. Manjula P. |
| 27 | Shanthala S P | Test retests reliability of video head impulse test in healthy individuals. | Dr. Niraj Kumar Singh |
| 28 | Shashank Nema | Linguistic masking release in juveniles and adults-an Indian language perspective | Dr. Animesh Barman |
| 29 | Shivaprasad S Beelagi | Outcomes of hearing aid and challenging situations in listening: a cross sectional study across rural and urban units | Dr. Rajalakshmi K. |
| 30 | Shubha ganga D | Effect of Bluetooth technology in hearing aids on recognition of naturally rate altered speech | Dr. Hemanth N. |
| 31 | Sneha P. | Objective and subjective measures of localization and spatial perception in hearing impaired adults | Mr. Ganapathy. M.K. |
| 32 | Sreelakshmi H D | Cochlear functioning in individuals with sensorineural hearing loss with and without tinnitus | Mr. Sreeraj K. |
| 33 | Srikanth Nayak | Relationship between temporal processing working memory and attention in LD children | Dr. Prawin Kumar |
| 34 | Swathy B L | Threshold estimation using multi-frequency abr in infants | Dr. Sandeep M. |
| 35 | Tejaswini S | Assessing localization ability from individuals with hearing impairment: a study on simulated traffic environment | Dr. Hemanth N. |
| 36 | Usha Rani S | Music evoked p300 in individuals with and without musical abilities | Dr. Devi N. |

**Under progress:** 36 II M.Sc (Audiology) students doing their Master’s dissertation under the guidance of the staff of the Audiology Department.

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

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

National: 84

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|  | Sep 17 | Mamatha HR, Prashanth SS, Hemanth N, Ajith Kumar U. (2017). Development of auditory based application software for tinnitus evaluation. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Sindhu Parthasarathy, Jijo Pottakal Mithai, Hemanth Narayan Shetty, Ajith Kumar Uppunda (2017). Hearing Handicap and Psychoacoustic tests in individuals with cochlear pathology and auditory neuropathy spectrum disorder. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Prawin Kumar, Niraj Kumar Singh, Raghunandana S, Aditi Gargeshwari, Raghav Hira Jha (2017). Altered middle ear transmission characteristics in osteopenia and osteoporosis. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Akhila Chandrashekar, Janani Cariappa, Nayanika Ghosh, Prashanth Prabhu P (2017). Effect of different blood groups on efferent auditory system functioning in young adults with normal hearing. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Tina Hephzibha, Asha Yathiraj (2017). Effect of continous noise on speech identification across different signal to noise ratios in children and adults: A pilot study. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Sindhu P, Ajith Kumar U, Hemanth N. (2017). Working Memory and Speech Perception in Individuals with Cochlear Pathology and Auditory Neuropathy Spectrum Disorder. . Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Kavitha G S , Sindhu P, Chandni Jain, Devi N. (2017). Effect of Musical Training on Psychophysical abilities and Working Memory in Children. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Disha P Karnad, Mayelmit Lepcha, Prashanth Prabhu P. (2017). Contralateral suppression of distortion product otoacoustic emissions input output functions in young adults with normal hearing. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Niraj Kumar Singh, Sachchidanand Sinha, Nirnay Kumar Keshree, Shenal Kothari, Sudhir Kumar, Prawin Kumar (2017). Effect of cochlear implantation on saccular responses assessed using cervical vestibular evoked myogenic potential. . Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Sam Publius A, Shezeen Abdul Gafoor, Varsha M Athreya, Niraj Kumar Singh (2017). Assessment of semicircular canals and otolith function in individuals with motion sickness. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Ishu, Maithri, Prashanth Prabhu (2017). Acceptable noise level: Effect of transducer and type of masker in individuals with cochlear and retrocochlear pathology. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Manjula P, Ishu (2017). Relationship between usage and outcome of hearing aids. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Anaswara Prasannan, Akhila Chandrashekhar, Jesteena Joy & Prashanth Prabhu P (2017). Diurnal changes in binaural integration abilities in morning-type and evening-type individuals with normal hearing. . Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Niraj Kumar Singh, Sujan Mirle Jagadeesh, Nirmala Jagadish, Anup Ghimire (2017). Comparison of children with congenital profound hearing impairment with and without delayed motor milestones on measures of cVEMP, oVEMP and vHIT. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Rajalakshmi Krishna, Prashasthi Poovaiah, Pratibha Nagalakshmi NG, Rajith BN (2017). Click rate induced facilitation as a tool to measure temporal integration in children with normal hearing and those with hearing impairment. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Kondli Nagaraj Megha, Koratagere Narayanaswamy Divyashree, Aishwarya Lakshmi, Sugathan Adithya, Kunnupurath Puthenveedu Keerthana, Zeena Venkatacheluvaiah Pushpalatha, Sreeraj Konadath (2017). NB-Chirp and tone burst ABR as an early indicator of hidden hearing loss in industrial workers exposed to occupational noise. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Vidhya Suresh, Bharathi M Vimal, Sreeraj Konadath (2017). Development of phonemically balanced word lists for adults in the malayalam language. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Vidhya Suresh, Prashanth Prabhu, Jithin Raj B (2017). Development of high frequency word lists in malayalam. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Rajesh Kumar, Vinayagar PT, Raja Suman, Ganapathy MK (2017). Speech evoked Binaural Interaction Component - A comparison of subjective and objective method. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Prashanth Prabhu P, Shanthala SP, Nirmala J. (2017). Test re-test reliability of stimulus frequency otoacoustic emissions in young adults with normal hearing. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  |  | Ehteshaam Khatri, Chandan Kumar Nayak, Vikas MD, Ganapathy MK (2017). Multi-frequency tympanometry in older adults with mixed hearing loss. Presented during the 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru from 21st- 23rd September, 2017. |
|  | Nov 17 | AshaYathiraj, Manjula P., Geetha C., Megha, Jawahar Antony (2017). Comparision of ipsilateral and contralateral eSRT measures in two surgical approaches for cochlear implantation. Paper presented at CIGICON, 2017 held at Visakhapatnam, India on 3-4 November 2017. |
|  |  | AshaYathiraj, Manjula P., Geetha C., Jawahar Antony, Megha (2017).  Negative middle ear pressure and non-auditory stimulation in a child using cochlear implantation. Paper presented at CIGICON, 2017 held at Visakhapatnam, India. |
|  |  | AshaYathiraj, Geetha C., Megha, Jawahar Antony, Nayana P Kumar (2017).  Comparision of speech perception scores accross two different cochlear implant companies. Paper presented at CIGICON, 2017 held at Visakhapatnam, India. |
|  |  | Manjula, P., Sam Publius, Nikhil, J., Vikas, M. D (2017).   Validity and reliability of single- and multi- frequency stimuli in eliciting Auditory Steady State responses (ASSR). Paper presented at CIGICON, 2017 held at Visakhapatnam, India. |
|  |  | Manjula, P., Sam Publius, A., Nikhil, J., Vikas, M. D. (2017).  Utility of ASSR in Differentiating Ears with Severe and Profound Hearing Loss. Paper presented at CIGICON, 2017 held at Visakhapatnam, India |
|  |  | Niraj Kumar Singh and Prawin Kumar (2017). Cochlear Implant Causes Undesirable Vestibular Stimulation: Evidences from Behavioral Balance Assessment Data. Paper presented at CIGICON, 2017 held at Visakhapatnam, India. |
|  |  | Niraj Kumar Singh, SachchidanandSinha, Nirnay Kumar Kesree, Shenal Kothari, Sudhir Kumar and Prawin Kumar (2017). Saccular Function in Cochlear Implantees: Effect of Cochlear Implant Surgery and Surgery Technique. Paper presented at CIGICON, 2017 held at Visakhapatnam, India. |
|  | Dec 17 | Zohra, N.G., Namitha, J., Kavitha, J &Prabhu, P. (2017). Evaluation of auditory stream segregation in singers and non-singers. Presented at Frontiers of Research in Speech and Music - 2017 held at NIT, Rourkela on 15-16th December, 2017. |
|  |  | Shobhan, B., Madhu S.B., Jeevan G. &Prabhu, P. (2017). Effect of compression ratio on perception of time compressed phonemically balanced words in Telugu. Presented at Frontiers of Research in Speech and Music - 2017 held at NIT, Rourkela on 15-16th December, 2017. |
|  |  | Sreedevi N and Jyothi S. (2017). A Quatitative Analysis of Reduplicated and Variegated Babbling in Typically Developing Infants: A Longitudinal Study. Presented at Frontiers of Research in Speech and Music - 2017 held at NIT, Rourkela on 15-16th December, 2017. |
|  | Jan 18 | Sujeet Kumar Sinha, Anuj Kumar, Shalini Bansal (2018). Agreement/disagreement between caloric and viedo head impulse test: does it reveal something? Report from three individuals with auditory neuropathy spectrum disorder. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Raghav Jha, Aditi Gargeshwari, Prawin Kumar, Niraj Kumar (2018). Video head impulse testing in blind: feasibility and outcomes. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Niraj Kumar, Mamatha H.R., Sandeep Maruthy (2018). Simultaneous multi-frequency (SIMFY) Stimulus: A novel, valid and reliable stimulus for frequency tuning of ocular vestibular evoked myogenic potentials. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Anuj Kumar, Sujeet Kumar, Krithika Gururaj (2018). Importance of VOR gain and refixation saccade analysis in auditory neuropathy spectrum disorder. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Raghav Jha, Prawin Kumar, Niraj Kumar (2018). Modified odd ball paradigm: A novel stimulation method for obtaining inter-frequency amplitude ratio of oVEMP. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Priya M.B., Divya Seth, Sandeep Maruthy (2018). Segmental speech characteristics in individuals with auditory neuropathy spectrum disorder. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Joel Joseph, Ankita Suman, G.K. Jayasree, Prashanth Prabhu P. (2018). Evaluation of contralateral suppression of otoacoustic emissions in Bharatanatyam dancers and non-dancers. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Trupti Lata, Niraj Kumar (2018). Test-retest reliability of multi-component tympanometry at 226 hz, 678 hz and 1000hz probe tones over 10 sessions. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Rhydhm Gupta, Shilpi Roy, Vivek Singh, Niraj Kumar (2018). Hearing aid use can cause facial nerve stimulation in cases of neurovascular cross-compression: a case report. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Anshuman Yadav, Arpita Singha, Mridul Ali, Mamatha H.R., Sreeraj K. (2018). Electrocochleography (ECoGH) recorded with different repetition rates and its significance. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Yashaswini L., Sandeep Maruthy (2018). A revisit to the phenomena of MOCB regulating speech in noise perception. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Shreyank P Swamy, Asha Yathiraj (2018). Reliability of different methods of contralateral suppression of TEOAE in children and adults. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Slesha Jain, Prithivi T., G. Nike Gnanateja, Sandeep Maruthy (2018). Speech perception in noise and efferent auditory mechanisms in individuals with and withough stuttering. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Adithya S.S., Jijinu P.S., Mamatha H.R., Sreeraj K. (2018). Speech ABR findings in auto rickshaw drivers who are exposed to occupational noise. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Aman Kumar, anju Sara Eby, Gouri Girish, Mamatha H.R., Sandeep Maruthy (2018). BISIMF ABR: a novel paradigm to record frequency specific ABR simultaneously from two ears. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Megha Janardhan, Sandeep Maruthy (2018). Auditory, cognitive and electrophysiological attributes of hearing aid acclimatization in individuals with sensorineural hearing loss. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Riddhi Potdar, Srikar Vijayasarathy, Animesh Barman (2018). Auditory cortical responses in children with and without dyslexia to speech syllable in high and low pass noise. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Kumari Apeksha, Ajith Kumar (2018). Hearing aid amplification and cortical processing of speech in individuals with auditory neuropathy spectrum disorder. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Manisha Sahu, Sujeet Kumar Sinha (2018). Encoding of fundamental frequency is enhanced in individuals who practice meditation. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Chaithanya N.M., Priya Darshini, Vivek Singh, Niraj Kumar (2018). Impravised bucket test for assessment of perceived vertically and horizontality in pediatric population: validation and test retest reliability. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Aradhana Raul, Garima Mailk, Tulsi Sao, Niraj Kumar (2018). Inter-session variations in frequency tuning of ocular vestibular evoked myogenic potentials in healthy individuals. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Kumaran Thirunavukkarasu, Animesh Barman, Niraj Kumar (2018). Optimum response filter setting for air-conduction induced ocular vestibular evoked myogenic potential. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Ankit Kumar, Saranya Arya,Mundayoor, Nikita Subudhi, Shinsi Binth E.K., Anup Ghimire, Prawin Kumar, Niraj Kumar, Raghav Jha (2018). Sacculo-collic and utriculo-ocular pathway assessment in children with normal hearing and hearing impairment with or withour motor milestones delay. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Husna Firdose, Niraj Kumar (2018). Characterizing the impact of advancing age on 500 I tone-burst evoked ocular vestibular evoked myogenic potentials. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Nirnay Kumar, Vibhuti Birthare, Aakanksha Pandey, Sachchidanand Sinha, Niraj Kumar (2018). Test-retest reliability of ipsilateral and contralateral vestibular evoked myogenic potentials recorded from masseter muscle (mVEMP). Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018 |
|  |  | Nirnay Kumar, Akhil Shrivastava, Shailay Gupta, Sudhir Kumar, Sachchidanand Sinha, Niraj Kumar (2018). Intersession variability of rectified and unrectified cVEMP across 10 sessions. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Abhinaya R., Aparna U., Rajalakshmi K. (2018). Social representation of loud music exposure in young adults: A cross cultural study (Kannada, Malayalam, Tamil & Telugu). Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Asha Yathiraj, tina Hephzibah (2018). Effect of spatial noise and continuous noise on speech identification in children and adults. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Yashaswini L., Sandeep Maruthy (2018). Dynamics of speech and music perception in musicians and nonmusicians. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Rajalakshmi Krishna, Prashasti Poovaiah, Pratibha Nagalakshmi N G (2018). Click rate induced facilitation of acoustic reflex threshold as a measure of temporal integration. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Nisha K.V., Ajith Kumar (2018). Pre-attentive neural signatures of auditory spatial processing in individuals with normal hearing and sensorineural hearing impairment: a comparative study. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Anup Ghimire, Prashanth Prabhu P. (2018). Development and standardization of high frequency word lists in Nepali. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Asha Yathiraj, Mamatha N.M. (2018). Effect of age on speech perception in noise in primary school children. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Jayaram M.T., Devi N., Udhayakumar R. (2018). Questionnaire on the ‘knowledge and use of ear moulds’ by the hearing aid users questionnaire on the ‘knowledte and use of ear moulds’ by the hearing aid users. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | G.K. Jayasree, Ankita Suman, Joel Joseph, Prashanth Prabhu P. (2018). Evaluation of temporal resolution abilities in Bharatanatyam dancers and non-dancers. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Prithvi T., Chandan Kumar Nayak, Kavitha G.S., Chandni Jain (2018). Comparison of audiometric versus android application-based hearing threshold estimation in children. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Nirnay Kumar, Shejal Kasera, Ritika Gautam, Pompi Deka, Sachchidanand Sinha, Niraj Kumar (2018). Subjective assessment of posture, equilibrium and utricular function in children with cochlear implants. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Nisha K.V., Ajith Kumar (2018). Comparison of effectiveness of two spatial training paradigms in refinement of spatial skills in normal hearing listeners. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Udhayakumar R., Prithivi T. Prashanth Prabhu P. (2018). Evaluation of differential sensitivity for frequency, intensity and duration around the tinnitus frequency in adults with tonal tinnitus. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018 |
|  |  | Meghana N., Mamatha N.M. (2018). Effect of pranayama in the management of individuals with tinnitus. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Mohini Shirish, Prashanth Prabhu P., Chhandasi Shrikant, Sanket Satish, Rashmi Acharekar (2018). A survey regarding knowledge about noise pollution acts in urban and rural population. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Rashmi Acharekar, Prashanth Prabhu P., Mohini Shirish, Chhandasi Shrikant, Sanket Satish (2018). Evaluation of awareness among parents of children with hearing impairment regarding the government facilities available for their children. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018 |
|  |  | Sanket Staish, Prashanth Prabhu P., Mohini Shirish, Rashmi Acharekar, Chhandasi Shrikant (2018). Evlauation of knowledge regarding noise pollution acts of India among ASLP students and practicing audiologists. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Hemanth N. (2018). Representation of amplified speech at the brainstem and cortical levels of the auditory pathway in individuals with sensorineural hearing loss. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Jijo P.M. (2018). The effect and intensity and temporal enhancement on speech perception in individuals with Auditory Neuropathy Spectrum Disorder (ANSD). Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Ramya V. (2018). Effect of temporal processing training in older adults with temporal processing deficits. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Devi N. (2018). Auditory evoked potential correlates of speech and music in individuals with and without musical abilities. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Geetha C. (2018). Optimization of compression parameters in hearing aids using aided audibility index. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Chandni Jain (2018). Relationship among psychophysical abilities, speech perception in noise and working memory in individuals with normal hearing sensitivity across different age groups. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. |
|  |  | Swapna N, Prawin Kumar, Mr. Arunraj, Ms. Devamma, Mr. Mukesh Kumar, Dr. S. R. Savithri. (2018). Significance of Associated Risk Factors among Newborn Neonatal Hearing Screening- A Preliminary Data. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. |
|  |  | Kumar, S & Kumar, P. (2018). Exploring Sub-Cortical Encoding Processes In Children With Central Auditory Processing Disorders And Dyslexic Children. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar |
|  | Mar18 | Swapna N, Prawin Kumar, Mr. Arunraj, Ms. Devamma, Mr. Mukesh Kumar, Dr. S. R. Savithri. (2018). Significance of Associated Risk Factors among Newborn Neonatal Hearing Screening- A Preliminary Data. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. |
|  |  | Kumar, S & Kumar, P. (2018). Exploring Sub-Cortical Encoding Processes In Children With Central Auditory Processing Disorders And Dyslexic Children. Scientific Paper Presented At 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. |

International : **3**

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|  | Jun 17 | 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. |
|  | Aug 17 | Mr. Anoop , Ms. Hussna, Dr. Ajith Kumar & Dr. Santhosh (2017). Cortical Processing of Native and Non-native phoneme perception-A high density ERP study. Poster presentation presented by Mr. Anoop at EGI 2017 Summer School in Eugene, Oregon USA on July 26, 2017 |
|  | Jan 18 | Renuka. C, Devi. N, Akshay. M, Ajish K. Abraham (2018). Need for robotic resources in Speech and Hearing – An Indian study, 39th IRF International conferences on 28th January 2018, Bengaluru. |

1. Research Papers Published

In-house publications : NIL

**National : 12**

|  |  |  |
| --- | --- | --- |
|  | Jun 17 | 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. |
|  |  | 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. |
|  |  | [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) (2017). 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. |
|  |  | SandeepMaruthy, 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) |
|  |  | 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. |
|  |  | 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 |
|  | Sep 17 | Devi N, Amritha G, Tanniru K (2017). Effects of nonlinear amplification on differential sensitivity measures in individuals with cochlear hearing impairment. Indian Journal of Otology 2017, 23:162-7 |
|  | Dec 17 | Apeksha, K., &  Kumar A.U. (2017) P300 in individuals with auditory neuropathy spectrum disorder. Journal of Indian Speech Language and Hearing Association, 31 (1), 23-28. |
|  |  | [Gargeshwari](http://www.jisha.org/searchresult.asp?search=&author=Aditi+Gargeshwari&journal=Y&but_search=Search&entries=10&pg=1&s=0), A.,[Singh](http://www.jisha.org/searchresult.asp?search=&author=Niraj+Kumar+Singh&journal=Y&but_search=Search&entries=10&pg=1&s=0), N.K., [Kumar](http://www.jisha.org/searchresult.asp?search=&author=Prawin+Kumar&journal=Y&but_search=Search&entries=10&pg=1&s=0), P. [Jha,](http://www.jisha.org/searchresult.asp?search=&author=Raghav+Hira+Jha&journal=Y&but_search=Search&entries=10&pg=1&s=0) R.H.(2017) Effect of lowered bone mineral density on the outcomes of audiological tests: A preliminary study. Journal of Indian Speech Language and Hearing Association, 31 (1), 29-35 |
|  |  | Shetty, HN Mathai, PM and Uppunda, AU (2017). Disability Certificate for Individuals with Hearing Impairment: Indian J Otol*, 23 (1), 7-12* |
|  | Feb 18 | Asha Yathiraj (2018). Issues in the cochlear implant programme in India . AYJNISHD-Journal of Cochlear Implant. |
|  |  | **Singh N. K.**, Govindaswamy, R, Jagadish, N. (2017). Efficacy of vestibulo-ocular reflex gain and refixation saccades of video head impulse test in identifying vestibular pathologies. India Journal of Otology, DOI: 10.4103/indianjotol.INDIANJOTOL\_76\_17. |

**International : 34**

|  |  |  |
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|  | April 17 | Prabhu, P. & Jamuar, P. (2017). Prevalence of vestibular symptoms in individuals with auditory neuropathy spectrum disorder - A retrospective study. *Intractable and Rare Diseases Research. 6 (1),*46-49.10.5582/irdr.2016.01098 |
|  |  | Mathai, J. P., &Yathiraj, A. (2017). Performance-Intensity Function and Aided Improvement in Individuals With Late-Onset Auditory Neuropathy Spectrum Disorder. Ear and Hearing, 38(2), e109-e177. doi:10.1097/AUD.0000000000000368 (**SJR = 1.87, Impact factor =** **2.517, H index = 88, SNIP = 1.6)** |
|  | May 17 | Manjula Puttabasappa, Manjula Rajanna, Priyanka Jaisinghani, Shailaja Shukla (2017). Auditory P300 in typical individuals : Age and gender effect. International Journal of Health Sciences and Research, Vol. 7; Issue:5; May 2017 (Pg. 247-257) |
|  |  | Jebaraj PR, Manjula P.(2017). Comparison of the effect of three strategies in individuals with sloping sensorineural hearing loss. Int J Health Sci Res. 2017; 7(6):266-275. |
|  |  | Sharath Kumar, K.S. & Manjula, P. (2017). Effect of Noise Type and Signal-to-Noise Ratio on the Effectiveness of Noise Reduction Algorithm in Hearing Aids: An Acoustical Perspective. Global Journal of Otolaryngology (GJO), Volume 5 Issue 2, 1-13. |
|  |  | Sharath Kumar, K.S. & Manjula, P. (2017). Effect of Varied Gradation Levels of Noise Reduction Algorithm on Speech Perception through Acoustical and Perceptual Measures. Global Journal of Otolaryngology (GJO), Volume 5 Issue 2, 1-8 |
|  |  | ChinnarajGeetha, Kishore Tanniru, R. Raja Rajan (2017). Efficacy of Directional Microphones in Hearing Aids Equipped with Wireless Synchronization Technology. The Journal of International Advanced Otology 2017, 13 (1): 113-7 |
|  |  | 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. |
|  |  | 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 |
|  |  | [KavasseryVenkateswaranNisha,](http://www.advancedotology.org/eng/arama/yazar/5257/Authors) [AjithUppunda Kumar](http://www.advancedotology.org/eng/arama/yazar/5258/Authors)(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 IntAdvOtol 2017; 13: 118-127) DOI: 10.5152/iao.2017.3477 |
|  |  | Sujeet Kumar Sinha, JyothiShivaswamy, Animesh Barman, Divya Seth, DanushSeshadri, 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>) |
|  |  | SreerajKonadath, 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>) |
|  |  | KumariApeksha, 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): |
|  |  | 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. |
|  |  | RoshniPillai&AshaYathiraj (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(**SJR = .69, Impact factor =** 1.13**, H index = 63, SNIP = 1.02)** |
|  |  | 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. |
|  | Jul 17 | AshaYathiraj&GowrammaIttiraPoovaiah (2017). Arithmetic School Readiness for Preschoolers with Hearing Impairment. International Journal of Early Childhood Special Education (IINT-JECSE), 9(1), 34-39(**SJR = .15, Impact factor =** .39**, H index = 6, SNIP = .34)** |
|  |  | AshaYathiraj&GowrammaIttiraPoovaiah (2017). Arithmetic School Readiness for Preschoolers with Hearing Impairment. International Journal of Early Childhood Special Education (IINT-JECSE), 9(1), 34-39 |
|  | Aug 17 | Kishore Tanniru, Vijaya Kumar Narne, Chandni Jain, SreerajKonadath, Niraj Kumar Singh, K.J.RamadeviSreenivas&Anusha K. (2017). Development of equally intelligible telugu sentence-lists to test speech recognition in noise. International Journal of Audiology 2017; Vol. 56: pg. 664-671. |
|  |  | Prabhu, P. (2017). Evaluation of Hearing Handicap in Adults with Auditory Neuropathy Spectrum Disorder. *The* *Journal of International Advanced Otology, 13,* 226-229. doi: 10.5152/iao.2017.3578 |
|  | Sep 17 | Prabhu, P. & Barman, A. (2017). Effectiveness of low-cut modified amplification strategy and channel-free hearing aids in individuals with auditory neuropathy spectrum disorder.*International Journal of Audiology, 56 (10),*759-766.*.*10.1080/14992027.2017.1323123. |
|  | Oct 17 | RoshniPillai&AshaYathiraj (2017). Two scoring procedures to evaluate memory and sequencing in auditory, visualand auditory-visualcombined modalities. Hearing, Balance and Communication.Volume 15([4](https://www.tandfonline.com/toc/ihbc20/15/4)). Pages 214-220  DOI: 10.1080/21695717.2017.1380966(**SJR = .31, H index = 5, SNIP = .39)** |
|  |  | Gargeshwari, A., Jha, R. H., Singh, N. K., & Kumar, P. (2017). Behavioural and objective vestibular assessment in persons with osteoporosis and osteopenia:a preliminary investigation. Brazilian Journal of Otorhinolaryngology. <http://dx.doi.org/10.1016/j.bjorl.2017.08.013> |
|  |  | Singh, N. K., Jha, R. H., Gargeshwari, A., & Kumar, P. (2017). Altered auditory and vestibular functioning in individuals with low bone mineral density: a systematic review.European Archives of Oto-Rhino-Laryngology.DOI 10.1007/s00405-017-4768-4. |
|  | Nov 17 | Spoorthi Thammaiah, Vinaya Manchaiah, Vijayalakshmi Easwar, Rajalakshmi Krishna & Bradley McPherson (2017). Community-based hearing rehabilitation: Implementation and Outcome Evaluation. Perspectives of the ASHA Special Interest Groups. SIG 17, Vol. 2 (Part 2), 2017. |
|  | Dec 17 | Himanshu Kumar Sanju, ManishaChoudhury and Prawin Kumar (2017). Perception of Sentences in Noise Using Different Number of Channels in Simulated Cochlear Implant Listeners. Journal of Otolaryngology-ENT research 2017, 8 (4) 0025 |
|  |  | HemanthN, Kooknoor V. (2017). [Deep band modulated phrase perception in quiet and noise in individuals with auditory neuropathy spectrum disorder and sensorineural hearing loss](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=W0Sl2E4AAAAJ&citation_for_view=W0Sl2E4AAAAJ:4fKUyHm3Qg0C), Noise & Health 19 (89), 174-182 |
|  |  | Hemanth Narayan Shetty (2017) A battery of tests for fitting hearing aid to single sided deafness client – a case report, ActaOto-Laryngologica Case Reports, 2:1, 89-95, DOI: 10.1080/23772484.2017.1321469. |
|  |  | Prakash. T. K, Abhilash. S, Devi. N & Jasjyot Kaur (2017). Audiological evidences on efficacy of mucolite therapy in patients with serous otitis media. *International Journal of Advanced Research, 5(12), 842-848.* |
|  | Jan 18 | Prakash. T. K, Abhilash. S, Devi. N & Jasjyot Kaur (2017). Audiological evidences on efficacy of mucolite therapy in patients with serous otitis media. *International Journal of Advanced Research, 5(12), 842-848.* |
|  |  | Sudararah RT, Ramesh PL, Jain C. (2017). Hearing and auditory working memory in women with polycystic ovarian syndrome (PCOS). Journal of Phonetic & Audiology. 3:2 1000133. Doi: 10.1472/2471-9455.1000133 |
|  | Feb 18 | Manohar, N., Prabhu, P., Revathi, K.R., Raghavendra G.N & Madhuri, S. (2018). Computer-Based Auditory Training Programs for Children with Hearing Impairment – A Scoping Review. International Archives of Otorhinolaryngology; 22(01): 088-093. DOI: 10.1055/s-0037-1602797 |
|  |  | Prabhu, P & Pratyasha, J. (2018). Evaluation of Dizziness Handicap in Adolescents and Adults with Auditory Neuropathy Spectrum Disorder. International Archives of Otorhinolaryngology; 22(01): 014-018. DOI: 10.1055/s-0037-1602693 |
|  |  | Singh, N. K., & Firdose, H. (2018). Characterizing the age and stimulus frequency interaction for ocular vestibular-evoked myogenic potentials. *Ear and Hearing*, 39(2), 251-259. |

1. Papers published in conference / Seminar Proceedings : 61

Seminar proceedings of CIGICON : 7

Seminar proceedings of ISHACON : 54

1. Books/Book chapters published :

|  |  |
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| Dr. Asha Yathiraj | * Served as Editor of Indian Speech and Hearing Association Vision 2030 * Served as Compiler of Executive Council Members of the Indian speech and Hearing Association * Served as Compiler of Addresses by the Presidents of the Indian Speech and Hearing Association |
| Dr. Devi N. | * Served as a resource person for E-flipbook for the National Level Colloborative Pilot project – with TCPD, AIISH. Capacity building in Kendriya Vidyalaya Teachers for identification and Management of Children with Learing Disabilities in Classroom – Pilot study. project . The topics were: Screening for Central Auditory processing disorder and Classroom Management of Auditory Processing Skills (C )APD. |

1. Books/Manuals/Seminar Proceedings edited - NIL
2. Scholarly Reviewing Activities

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| --- | --- |
| Dr. Rajalakshmi K. | International Journal of Audiology  Journal of Audiology & Otology  JMIR  JISHA |
| Dr. Animesh Barman | Reviewed three abstracts of ICAS |
| Dr. Ajith Kumar U | Reviewed abstracts of ISHACON scientific poster and paper presentations |
| Dr. Sandeep M. | Reviewed abstracts of ISHACON scientific poster and paper presentations  Journal of Indian Speech Language & Hearing Association |
| Mr. Sujeet Kumar | Journal of Indian Speech Language & Hearing Association  Computers in Biology and Medicine  Reviewer of ISHA abstracts  JISHA  Journal of Clinical Laboratory Analysis |
| Dr. Prawin Kumar | Reviewer of ISHA abstracts  JISHA |
| Dr. Devi N. | Reviewed abstracts of ISHACON scientific poster and paper presentations  Reviewer of JISHA March, 2018 |
| Dr. GeethaC | Reviewed abstracts of ISHACON scientific poster and paper presentations |
| Mr. Sreeraj K. | Journal of hearing sciences  JISHA |
| Mr. Prashanth Prabhu | International journal: Otolaryngology: Open Access  Journal of Indian Speech and Hearing association |
| Mr. Vikas M.D. | Education research journal |

1. Journal Editorship

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| --- | --- |
| Dr. Asha Yathiraj | Associate Editor-JAIISH  Editoral Board Member of AYJNISHD-Journal of Cochlear Implant |
| Dr. Manjula P. | Associate Editor (Hearing)-JAIISH |
| Dr. Rajalakshmi K. | International Editor, reviewer board for Journal of Audiology 7 Otology |
| Dr. Sandeep M. | Managing Editor-JAIISH (Relieved in the first week of Januray 2018) |
| Dr. Prawin Kumar | Editor-JISHA  Editorial Board Member for Otolaryngology-open access Journal |
| Mr. Prashanth Prabhu | Editorial panel member of an International Journal titled EC Neurology |
| Dr. Hemanth N. | International editorial reviewer board of Journal of Audiology and Otology |
| Mr. Arunraj K. | Associate editor for the Journal 'Pediatrics & Neonatal Biology' (Open Access) Medwin Publishers from 27th January 2017 Onwards |
| Mr. Sharath Kumar | Assitant Editor-JAIISH |

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

1. **Hearing Evaluation:** The hearing evaluation section of the Department of Audiology specializes in assessment of the hearing abilities of the individuals. The clinical services of the department have been imparted to individuals in a wide age range extending from one hour after birth to individuals of 100 years of age. The detailed evaluation is carried out on all the clients registered at the institute with the complaint of hearing loss and/or symptoms associated with hearing loss. A battery of tests is administered using the state-of-the-art equipment on clients complaining of problem in hearing. These clients visit the institute from all over the country as well as abroad. In addition to the detection of retrocochlear pathologies, the physiological and electro- physiological tests also play an important role in identification clients with functional hearing loss, whose number has shot owing to their desire of availing the facilities meant for individuals with hearing disability. Below mentioned table gives the details of clients seen for hearing evaluation.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hearing Evaluation** | | | | | | | | | | | | | |
| **Hearing Evaluation** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Clients seen in OPD | 1503 | 1571 | 1318 | 1571 | 1220 | 1347 | 1280 | 1455 | 1280 | 1235 | 1188 | 998 | **15966** |
| Clients evaluated for hearing | 1400 | 1400 | 1092 | 1403 | 1009 | 1036 | 835 | 1242 | 855 | 927 | 960 | 844 | **13003** |
| ***Ears with diff degrees of HL*** |  |  |  |  |  |  |  |  |  |  |  |  | **0** |
| ·  Normal hearing | 461 | 502 | 393 | 438 | 375 | 385 | 212 | 238 | 218 | 213 | 201 | 236 | **3872** |
| ·  Minimal | 218 | 182 | 221 | 173 | 199 | 200 | 88 | 101 | 69 | 81 | 79 | 96 | **1707** |
| ·  Mild | 284 | 241 | 284 | 282 | 237 | 217 | 82 | 91 | 92 | 71 | 98 | 85 | **2064** |
| ·  Moderate | 306 | 327 | 337 | 357 | 244 | 335 | 88 | 85 | 77 | 77 | 80 | 95 | **2408** |
| ·  Moderately severe | 271 | 257 | 256 | 316 | 216 | 48 | 76 | 82 | 75 | 74 | 60 | 81 | **1812** |
| ·  Severe | 293 | 352 | 333 | 358 | 261 | 318 | 49 | 80 | 66 | 67 | 65 | 67 | **2309** |
| ·  Profound | 358 | 263 | 356 | 299 | 218 | 294 | 87 | 145 | 131 | 102 | 145 | 120 | **2518** |
| . Minimal to mild | 7 | 7 | 3 | 2 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | **26** |
| . Mild to moderate | 31 | 29 | 28 | 25 | 13 | 16 | 6 | 5 | 6 | 12 | 12 | 4 | **187** |
| . Mod.to modtly severe | 18 | 24 | 27 | 31 | 24 | 19 | 12 | 2 | 11 | 6 | 8 | 10 | **192** |
| . Modtly severe to sev. | 20 | 33 | 37 | 24 | 17 | 18 | 4 | 5 | 8 | 6 | 7 | 14 | **193** |
| . Severe to profound | 77 | 71 | 77 | 45 | 54 | 52 | 7 | 6 | 8 | 27 | 11 | 22 | **457** |
| . Moderate to severe | 2 | 4 | 6 | 2 | 1 | 4 | 1 | 0 | 3 | 0 | 0 | 1 | **24** |
| . Sloping | 45 | 55 | 68 | 61 | 56 | 67 | 80 | 74 | 73 | 51 | 66 | 62 | **758** |
| ***Ears tested having*** |  |  |  |  |  |  |  |  |  |  |  |  | **0** |
| . Conductive hearing | 254 | 221 | 227 | 190 | 182 | 197 | 172 | 198 | 185 | 235 | 216 | 224 | **2501** |
| . Mixed hearing loss | 233 | 318 | 352 | 311 | 297 | 281 | 283 | 275 | 335 | 297 | 316 | 322 | **3620** |
| . SN hearing loss | 524 | 563 | 552 | 611 | 409 | 482 | 510 | 568 | 464 | 457 | 537 | 548 | **6225** |
| Clients with unil HL | 137 | 144 | 145 | 112 | 101 | 105 | 98 | 112 | 102 | 104 | 108 | 112 | **1380** |
| Clients with bil HL | 874 | 823 | 910 | 901 | 693 | 823 | 728 | 777 | 710 | 792 | 834 | 804 | **9669** |
| Ears with Aud. Dys-synchrony | 8 | 16 | 5 | 11 | 6 | 3 | 5 | 6 | 4 | 7 | 4 | 10 | **85** |
| Clients with APD | 0 | 3 | 1 | 2 | 0 | 3 | 2 | 1 | 2 | 2 | 1 | 0 | **17** |
| Clients with Funl HL | 23 | 5 | 7 | 8 | 4 | 6 | 10 | 18 | 9 | 5 | 14 | 5 | **114** |
| Clients - tinnitus evaln | 22 | 21 | 26 | 27 | 19 | 24 | 21 | 20 | 21 | 17 | 16 | 15 | **249** |
| Clients for PTA | 1122 | 1091 | 1128 | 1117 | 893 | 1019 | 898 | 985 | 879 | 964 | 1013 | 1002 | **12111** |
| Clients for Sp.Aud | 1130 | 1095 | 1138 | 1106 | 873 | 1003 | 895 | 968 | 870 | 989 | 1023 | 1014 | **12104** |
| Clients for Immitt. evln | 1143 | 1098 | 1136 | 1126 | 912 | 1029 | 915 | 981 | 881 | 989 | 1017 | 1003 | **12230** |
| Clients for OAE | 352 | 358 | 283 | 330 | 267 | 236 | 206 | 238 | 181 | 320 | 351 | 274 | **3396** |
| Clients for ABR | 357 | 332 | 313 | 355 | 250 | 277 | 246 | 267 | 232 | 286 | 295 | 246 | **3456** |
| Clients for VEMP | 0 | 1 | 4 | 0 | 1 | 2 | 6 | 5 | 7 | 2 | 5 | 0 | **33** |
| Clients for VHIT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | **3** |
| Clients for BOA | 40 | 39 | 47 | 53 | 37 | 32 | 35 | 29 | 25 | 49 | 32 | 21 | **439** |
| Clients for VRA | 23 | 11 | 11 | 9 | 9 | 13 | 12 | 20 | 14 | 10 | 15 | 17 | **164** |
| Clients for LLR | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | **18** |

**Age wise statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Hearing Evaluation-Males** | | | |  |  |  |  |  |  |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 11 | 13 | 14 | 15 | 14 | 15 | 8 | 6 | 12 | 5 | 9 | 6 | **128** |
| >1-5 | 66 | 74 | 63 | 85 | 55 | 91 | 68 | 51 | 41 | 90 | 90 | 67 | **841** |
| >5-10 | 43 | 50 | 48 | 52 | 40 | 34 | 22 | 18 | 23 | 41 | 44 | 36 | **451** |
| >10-15 | 38 | 47 | 63 | 40 | 24 | 20 | 24 | 29 | 19 | 31 | 36 | 25 | **396** |
| >15-20 | 39 | 40 | 53 | 40 | 36 | 26 | 29 | 28 | 20 | 25 | 22 | 22 | **380** |
| >20-25 | 63 | 30 | 50 | 47 | 38 | 40 | 32 | 42 | 43 | 37 | 32 | 40 | **494** |
| >25-30 | 59 | 37 | 28 | 42 | 33 | 31 | 35 | 49 | 33 | 29 | 35 | 42 | **453** |
| >30-35 | 31 | 32 | 41 | 34 | 30 | 26 | 20 | 40 | 31 | 29 | 57 | 31 | **402** |
| >35-40 | 36 | 44 | 39 | 36 | 29 | 31 | 29 | 25 | 33 | 33 | 34 | 29 | **398** |
| >40-45 | 30 | 29 | 36 | 32 | 27 | 28 | 28 | 37 | 35 | 60 | 28 | 34 | **404** |
| >45-50 | 39 | 22 | 36 | 35 | 34 | 28 | 37 | 51 | 26 | 39 | 34 | 36 | **417** |
| >50-55 | 40 | 33 | 57 | 53 | 32 | 28 | 36 | 49 | 33 | 55 | 32 | 34 | **482** |
| >55-60 | 47 | 33 | 38 | 44 | 39 | 41 | 44 | 39 | 35 | 85 | 41 | 38 | **524** |
| >60-65 | 43 | 40 | 49 | 53 | 56 | 44 | 49 | 45 | 43 | 41 | 42 | 54 | **559** |
| >65-70 | 40 | 36 | 43 | 49 | 39 | 49 | 41 | 53 | 36 | 52 | 58 | 59 | **555** |
| >70-75 | 25 | 39 | 38 | 41 | 32 | 31 | 50 | 42 | 42 | 40 | 52 | 40 | **472** |
| >75-80 | 28 | 28 | 38 | 42 | 12 | 34 | 21 | 25 | 30 | 27 | 35 | 34 | **354** |
| >80-85 | 17 | 15 | 26 | 16 | 12 | 14 | 18 | 18 | 16 | 25 | 18 | 11 | **206** |
| >85-90 | 5 | 4 | 10 | 5 | 4 | 6 | 5 | 4 | 5 | 12 | 6 | 3 | **69** |
| >90+ yrs | 0 | 2 | 1 | 3 | 0 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | **17** |
| **Total** | 700 | **648** | **771** | **764** | **586** | **620** | 598 | 652 | 557 | 758 | **706** | 642 | **8002** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Hearing Evaluation-Females** | | | |  |  |  |  |  |  |  |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 6 | 6 | 10 | 9 | 8 | 6 | 12 | 5 | 3 | 9 | 7 | 5 | **86** |
| >1-5 | 67 | 39 | 32 | 49 | 44 | 52 | 42 | 49 | 36 | 50 | 60 | 41 | **561** |
| >5-10 | 39 | 50 | 35 | 33 | 18 | 27 | 22 | 21 | 14 | 27 | 31 | 20 | **337** |
| >10-15 | 21 | 41 | 31 | 29 | 12 | 17 | 19 | 25 | 13 | 25 | 16 | 18 | **267** |
| >15-20 | 24 | 33 | 35 | 24 | 18 | 23 | 14 | 12 | 20 | 17 | 15 | 17 | **252** |
| >20-25 | 25 | 17 | 26 | 28 | 26 | 21 | 21 | 25 | 30 | 23 | 22 | 26 | **290** |
| >25-30 | 30 | 26 | 28 | 24 | 21 | 37 | 28 | 25 | 33 | 29 | 26 | 23 | **330** |
| >30-35 | 35 | 34 | 30 | 24 | 21 | 45 | 31 | 20 | 23 | 19 | 30 | 27 | **339** |
| >35-40 | 31 | 33 | 33 | 23 | 11 | 16 | 22 | 45 | 35 | 35 | 25 | 35 | **344** |
| >40-45 | 23 | 31 | 24 | 25 | 28 | 28 | 29 | 30 | 23 | 30 | 18 | 26 | **315** |
| >45-50 | 31 | 29 | 21 | 21 | 20 | 30 | 25 | 32 | 28 | 23 | 39 | 33 | **332** |
| >50-55 | 31 | 35 | 23 | 28 | 23 | 18 | 14 | 27 | 22 | 25 | 19 | 30 | **295** |
| >55-60 | 30 | 32 | 24 | 27 | 6 | 33 | 20 | 30 | 28 | 20 | 23 | 23 | **296** |
| >60-65 | 27 | 29 | 24 | 24 | 29 | 25 | 25 | 22 | 18 | 25 | 32 | 24 | **304** |
| >65-70 | 21 | 26 | 26 | 19 | 18 | 22 | 14 | 17 | 22 | 22 | 21 | 28 | **256** |
| >70-75 | 7 | 22 | 14 | 15 | 9 | 17 | 16 | 13 | 25 | 18 | 17 | 14 | **187** |
| >75-80 | 14 | 9 | 14 | 6 | 11 | 6 | 12 | 16 | 10 | 7 | 11 | 11 | **127** |
| >80-85 | 7 | 4 | 3 | 4 | 5 | 4 | 6 | 3 | 7 | 2 | 7 | 10 | **62** |
| >85-90 | 3 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 2 | 2 | 4 | 1 | **18** |
| >90+ yrs | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | **3** |
| **Total** | **472** | **497** | **435** | **414** | **329** | **428** | **372** | **418** | **392** | **408** | **424** | **412** | **5001** |

1. **Hearing Aid Trial:** The department is well equipped with real time analyzers, which enables the audiologist to carryout measurement of electro-acoustic characteristics of hearing aids. The measurement has helped in the certification of new trial hearing aids. This provides information on whether a hearing aid procured or received meets standard specifications or not. Measurement of electro-acoustic characteristics of hearing aids was carried-out. Rehabilitation through amplification devices is one of the major activities of the department. The availability of the state-of-art equipment has made it possible to refer clients as young as two years for cochlear implant. The programming of the cochlear implants is being carried out for clients. This device has revolutionized rehabilitation to move ‘deaf’ children to ‘hearing’ zone. The details of no. of clients who have availed different rehabilitative facilities are mentioned below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hearing Aid Trial** | | | | | | | | | | | | | |
| **Hearing Aid Trial** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| No. of clients seen for HAT | 833 | 866 | 625 | 879 | 644 | 426 | 487 | 727 | 596 | 557 | 535 | 536 | **7711** |
| HAs prescribed at AIISH | 441 | 392 | 411 | 503 | 377 | 331 | 301 | 426 | 448 | 406 | 485 | 490 | **5011** |
| **Body level hearing aids** | 69 | 63 | 60 | 143 | 44 | 31 | 49 | 31 | 22 | 43 | 29 | 14 | **598** |
| ·    Analogue BTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 161 | 109 | 75 | 57 | **470** |
| ·    Digital BTE | 306 | 250 | 313 | 295 | 293 | 231 | 206 | 261 | 318 | 191 | 321 | 375 | **3360** |
| ·    Trimmer Digital BTE | 4 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | **10** |
| . Mini BTE | 17 | 13 | 13 | 17 | 0 | 17 | 17 | 11 | 13 | 15 | 17 | 16 | **166** |
| ·    Digital ITE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| ·    Digital ITC | 1 | 2 | 4 | 0 | 0 | 3 | 4 | 6 | 5 | 2 | 2 | 0 | **29** |
| ·    Digital CIC | 2 | 1 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 2 | 2 | 0 | **12** |
| . Digital RIC | 62 | 60 | 34 | 48 | 23 | 57 | 19 | 44 | 29 | 44 | 39 | 27 | **486** |
| **No. of clients recommended** | 119 | 102 | 83 | 117 | 91 | 76 | 62 | 105 | 88 | 81 | 114 | 79 | **1117** |
| ·    Auditory training | 110 | 94 | 66 | 106 | 85 | 65 | 57 | 97 | 82 | 73 | 96 | 72 | **1003** |
| ·    Speech reading | 9 | 8 | 17 | 11 | 6 | 11 | 5 | 8 | 6 | 8 | 18 | 7 | **114** |
| HA prescribed on exchange | 0 | 1 | 2 | 2 | 0 | 2 | 1 | 4 | 1 | 2 | 1 | 0 | **16** |
| Unaided/aided audiograms | 148 | 128 | 88 | 123 | 96 | 72 | 85 | 95 | 72 | 72 | 99 | 84 | **1162** |
| BOA |  |  |  |  |  |  |  | 15 | 6 | 2 | 8 | 4 | **35** |
| Aided VRA | 10 | 2 | 4 | 8 | 8 | 6 | 5 | 24 | 9 | 5 | 5 | 7 | **93** |
| Programming of digital HA | 148 | 251 | 284 | 335 | 240 | 170 | 218 | 279 | 296 | 315 | 309 | 222 | **3067** |
| No. of Insertion gain measurements done | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | **1** |
| EAC of hearing aids done | 2 | 1 | 8 | 7 | 7 | 4 | 8 | 9 | 4 | 5 | 1 | 5 | **61** |
| Tretrial with CEM | 149 | 179 | 155 | 154 | 92 | 71 | 77 | 76 | 76 | 114 | 92 | 72 | **1307** |
| No. of clients for whom ALDs were tried | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Recommended for ear plugs | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | **6** |
| No. of LLR evaluations done | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | **2** |

**Age wise statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Hearing Aid Trial-Males** | | | |  |  |  |  |  |  |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 1 | 1 | 5 | 2 | 5 | 4 | 1 | 2 | 3 | 1 | 5 | 2 | **32** |
| >1-5 | 115 | 86 | 73 | 98 | 69 | 78 | 68 | 82 | 53 | 96 | 85 | 88 | **991** |
| >5-10 | 32 | 41 | 46 | 38 | 29 | 18 | 24 | 20 | 15 | 36 | 28 | 23 | **350** |
| >10-15 | 20 | 38 | 27 | 27 | 29 | 31 | 14 | 20 | 13 | 10 | 34 | 37 | **300** |
| >15-20 | 8 | 7 | 11 | 12 | 10 | 2 | 10 | 10 | 6 | 6 | 2 | 8 | **92** |
| >20-25 | 9 | 3 | 10 | 11 | 8 | 14 | 2 | 10 | 17 | 8 | 9 | 7 | **108** |
| >25-30 | 5 | 7 | 5 | 10 | 18 | 10 | 29 | 26 | 35 | 45 | 10 | 10 | **210** |
| >30-35 | 4 | 6 | 3 | 5 | 5 | 25 | 23 | 26 | 4 | 8 | 6 | 3 | **118** |
| >35-40 | 7 | 10 | 9 | 5 | 5 | 25 | 26 | 26 | 2 | 6 | 10 | 5 | **136** |
| >40-45 | 9 | 10 | 7 | 8 | 5 | 24 | 27 | 11 | 5 | 11 | 7 | 7 | **131** |
| >45-50 | 10 | 5 | 6 | 3 | 10 | 25 | 27 | 26 | 6 | 5 | 8 | 8 | **139** |
| >50-55 | 4 | 9 | 9 | 19 | 9 | 11 | 9 | 27 | 14 | 15 | 9 | 8 | **143** |
| >55-60 | 19 | 9 | 16 | 15 | 19 | 16 | 12 | 16 | 19 | 11 | 20 | 18 | **190** |
| >60-65 | 25 | 25 | 14 | 40 | 20 | 10 | 17 | 22 | 25 | 22 | 17 | 37 | **274** |
| >65-70 | 15 | 20 | 23 | 34 | 17 | 29 | 15 | 34 | 40 | 30 | 35 | 35 | **327** |
| >70-75 | 21 | 27 | 17 | 39 | 25 | 15 | 28 | 33 | 56 | 34 | 40 | 31 | **366** |
| >75-80 | 20 | 21 | 29 | 30 | 10 | 21 | 15 | 26 | 27 | 27 | 20 | 29 | **275** |
| >80-85 | 11 | 9 | 23 | 14 | 16 | 11 | 14 | 14 | 17 | 16 | 17 | 17 | **179** |
| >85-90 | 5 | 5 | 9 | 6 | 3 | 6 | 2 | 3 | 6 | 13 | 8 | 6 | **72** |
| >90+ yrs | 0 | 2 | 1 | 2 | 0 | 1 | 1 | 3 | 0 | 2 | 1 | 1 | **14** |
| **Total** | 340 | **341** | **343** | **418** | **312** | **376** | 364 | 437 | 363 | 402 | **371** | 380 | **4447** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Hearing Aid Trial-Females** | | | |  |  |  |  |  |  |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 1 | 2 | 3 | 5 | 2 | 0 | 5 | 2 | 2 | 1 | 3 | 4 | **30** |
| >1-5 | 67 | 46 | 40 | 75 | 51 | 35 | 42 | 44 | 42 | 58 | 73 | 42 | **615** |
| >5-10 | 30 | 38 | 27 | 23 | 15 | 21 | 17 | 19 | 11 | 15 | 20 | 13 | **249** |
| >10-15 | 16 | 12 | 21 | 22 | 6 | 5 | 7 | 5 | 5 | 10 | 8 | 14 | **131** |
| >15-20 | 3 | 13 | 10 | 8 | 2 | 3 | 5 | 4 | 7 | 8 | 8 | 2 | **73** |
| >20-25 | 2 | 4 | 4 | 3 | 3 | 7 | 4 | 0 | 4 | 11 | 4 | 5 | **51** |
| >25-30 | 4 | 3 | 5 | 4 | 3 | 6 | 1 | 2 | 3 | 1 | 4 | 1 | **37** |
| >30-35 | 30 | 38 | 27 | 23 | 27 | 21 | 27 | 19 | 25 | 25 | 20 | 14 | **296** |
| >35-40 | 6 | 27 | 7 | 11 | 2 | 25 | 25 | 25 | 25 | 2 | 2 | 14 | **171** |
| >40-45 | 11 | 17 | 18 | 2 | 15 | 14 | 16 | 13 | 3 | 26 | 4 | 18 | **157** |
| >45-50 | 17 | 17 | 17 | 14 | 16 | 10 | 15 | 15 | 28 | 17 | 15 | 18 | **199** |
| >50-55 | 26 | 26 | 24 | 26 | 27 | 35 | 35 | 39 | 9 | 4 | 6 | 21 | **278** |
| >55-60 | 7 | 11 | 8 | 6 | 8 | 11 | 25 | 28 | 29 | 29 | 27 | 11 | **200** |
| >60-65 | 16 | 10 | 12 | 16 | 13 | 6 | 5 | 12 | 12 | 12 | 10 | 15 | **139** |
| >65-70 | 14 | 12 | 14 | 20 | 11 | 8 | 8 | 10 | 16 | 13 | 14 | 16 | **156** |
| >70-75 | 6 | 16 | 8 | 18 | 29 | 14 | 28 | 39 | 37 | 37 | 39 | 40 | **311** |
| >75-80 | 11 | 7 | 10 | 14 | 10 | 6 | 3 | 7 | 8 | 12 | 11 | 12 | **111** |
| >80-85 | 6 | 4 | 2 | 5 | 5 | 6 | 1 | 2 | 5 | 1 | 2 | 7 | **46** |
| >85-90 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 2 | **11** |
| >90+ yrs | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | **3** |
| **Total** | 274 | **304** | **258** | **296** | **245** | **234** | 269 | 286 | 273 | 283 | **272** | 270 | **3264** |

1. **Earmold**: Ear moulds are designed to conduct the amplified sounds from the hearing aids into the ear canal and to the tympanic membrane. A well-fitting ear mould is as important as a hearing aid. Ear moulds provide a snug fit and holds the hearing aid in position. Custom ear moulds are essential to get maximum benefit from the hearing aid. In addition, acoustic modifications are done in the custom ear moulds to optimize the hearing aid benefit and also to overcome certain problems such as tolerance problem, occlusion problem encountered in the clients. Custom ear moulds, hard and soft ear moulds are made for clients who were prescribed and issued hearing aids. Ear mould making facilities is made available across the country with the implementation of Central Prosthetic Lab. The central prosthetic lab had received ear impressions from different states to be processed as ear molds. The details of activities carried-out in the ear mould lab at AIISH and the ear moulds processed at camps are given below

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Earmold lab** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Earmold lab** | **Apr** | | **May** | | | **Jun** | | **Jul** | | **Aug** | | **Sep** | | **Oct** | | **Nov** | | **Dec** | | **Jan** | | | **Feb** | | **Mar** | | **Total** |
| **Clients attended** | **579** | | **721** | | | **436** | | **413** | | **268** | | **178** | | **252** | | **733** | | **645** | | **413** | | | **489** | | **453** | | **5580** |
| -   New clients | 149 | | 133 | | | 122 | | 132 | | 74 | | 52 | | 35 | | 169 | | 112 | | 167 | | | 132 | | 148 | | **1425** |
| -   Old clients | 227 | | 325 | | | 245 | | 281 | | 194 | | 126 | | 217 | | 362 | | 314 | | 246 | | | 281 | | 275 | | **3093** |
| At Camp | 203 | | 263 | | | 69 | | 0 | | 0 | | 0 | | 0 | | 202 | | 219 | | 0 | | | 76 | | 30 | | **1062** |
| **Ear impressions taken** | **917** | | **1053** | | | **674** | | **703** | | **478** | | **323** | | **518** | | **1084** | | **894** | | **682** | | | **855** | | **750** | | **8931** |
| -     Free-of-cost | 110 | | 152 | | | 117 | | 246 | | 151 | | 102 | | 194 | | 210 | | 189 | | 210 | | | 265 | | 252 | | **2198** |
| -     100% payment | 526 | | 612 | | | 485 | | 457 | | 307 | | 217 | | 223 | | 663 | | 483 | | 472 | | | 443 | | 436 | | **5324** |
| -       Ear imprn taken-camp | 281 | | 285 | | | 70 | | 0 | | 0 | | 0 | | 0 | | 211 | | 222 | | 0 | | | 149 | | 60 | | **1278** |
| -       CPL impressions | 0 | | 4 | | | 2 | | 0 | | 20 | | 4 | | 101 | | 0 | | 0 | | 0 | | | 2 | | 2 | | **135** |
| EMs completed | 908 | | 1000 | | | 650 | | 695 | | 475 | | 323 | | 513 | | 1073 | | 890 | | 680 | | | 740 | | 847 | | **8794** |
| Ear moulds issued | 890 | | 600 | | | 900 | | 670 | | 467 | | 317 | | 497 | | 979 | | 869 | | 658 | | | 750 | | 685 | | **8282** |
| Hard regular moulds | 54 | | 80 | | | 45 | | 94 | | 18 | | 36 | | 11 | | 56 | | 44 | | 78 | | | 92 | | 136 | | **744** |
| Hard shell mould made | 0 | | 2 | | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 4 | | 6 | | | 5 | | 3 | | **21** |
| Soft mould made | 367 | | 424 | | | 368 | | 341 | | 177 | | 119 | | 105 | | 493 | | 350 | | 378 | | | 354 | | 304 | | **3780** |
| Hard canal moulds | 0 | | 0 | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | 0 | | 0 | | **0** |
| Soft canal moulds | 6 | | 10 | | | 2 | | 2 | | 1 | | 0 | | 0 | | 6 | | 6 | | 0 | | | 9 | | 4 | | **46** |
| ITC impression made | 6 | | 6 | | | 1 | | 0 | | 0 | | 0 | | 4 | | 13 | | 9 | | 11 | | | 8 | | 0 | | **58** |
| Swimmer plug (soft) | 13 | | 4 | | | 11 | | 11 | | 12 | | 12 | | 2 | | 10 | | 10 | | 6 | | | 1 | | 12 | | **104** |
| Swimmer plug (hard) | 0 | | 0 | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | 0 | | 0 | | **0** |
| No. of ear blocked | 12 | | 8 | | | 2 | | 0 | | 23 | | 1 | | 2 | | 1 | | 9 | | 4 | | | 1 | | 5 | | **68** |
| EMs with aco. modificns. | 0 | | 0 | | | 0 | | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 0 | | | 0 | | 10 | | **11** |
| CPL moulds completed | 0 | | 4 | | | 2 | | 0 | | 20 | | 4 | | 101 | | 0 | | 0 | | 0 | | | 2 | | 2 | | **135** |
| No. of mould lacquered | 27 | | 81 | | | 69 | | 126 | | 103 | | 77 | | 176 | | 137 | | 112 | | 123 | | | 133 | | 138 | | **1302** |
| No. of sound tube replaced | 151 | | 149 | | | 104 | | 129 | | 115 | | 73 | | 119 | | 156 | | 128 | | 76 | | | 105 | | 76 | | **1381** |
| State wise statistics |  | |  | | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | **0** |
| a)    Andhra Pradesh | 12 | | 1 | | | 2 | | 1 | | 0 | | 0 | | 5 | | 0 | | 3 | | 4 | | | 0 | | 4 | | **32** |
| b)    Karnataka | 348 | | 430 | | | 350 | | 340 | | 247 | | 144 | | 217 | | 495 | | 379 | | 341 | | | 378 | | 358 | | **4027** |
| c)    Kerala | 13 | | 25 | | | 14 | | 53 | | 16 | | 9 | | 18 | | 26 | | 36 | | 54 | | | 27 | | 43 | | **334** |
| d)    Tamil Nadu | 2 | | 2 | | | 1 | | 19 | | 1 | | 4 | | 12 | | 10 | | 4 | | 10 | | | 3 | | 13 | | **81** |
| e)    Telangana | 1 | | 0 | | | 0 | | 0 | | 4 | | 4 | | 0 | | 0 | | 1 | | 1 | | | 0 | | 3 | | **14** |
| f)     Others | 0 | | 0 | | | 0 | | 0 | | 0 | | 14 | | 0 | | 0 | | 3 | | 3 | | | 5 | | 2 | | **27** |
|  | |  | | **Age-Wise statistics**  **Ear moulds-Males** | | | | | | | | | | | | | | | | | | | | | |
|  | |  | |  |  | |  | |  | |  | |  | |  | |  | |  | |  |  | |  | |
| **Age** | | **Apr** | | **May** | **Jun** | | **Jul** | | **Aug** | | **Sep** | | **Oct** | | **Nov** | | **Dec** | | **Jan** | | **Feb** | **Mar** | | **Total** | |
| 0-1 | | 11 | | 5 | 9 | | 7 | | 7 | | 10 | | 8 | | 15 | | 11 | | 11 | | 11 | 10 | | **115** | |
| >1-5 | | 65 | | 72 | 51 | | 53 | | 52 | | 30 | | 43 | | 92 | | 35 | | 72 | | 67 | 73 | | **705** | |
| >5-10 | | 41 | | 56 | 56 | | 56 | | 19 | | 9 | | 30 | | 42 | | 35 | | 39 | | 38 | 41 | | **462** | |
| >10-15 | | 15 | | 27 | 26 | | 25 | | 11 | | 7 | | 14 | | 18 | | 10 | | 9 | | 12 | 6 | | **180** | |
| >15-20 | | 13 | | 9 | 8 | | 11 | | 9 | | 15 | | 15 | | 16 | | 9 | | 10 | | 9 | 15 | | **139** | |
| >20-25 | | 7 | | 6 | 7 | | 3 | | 5 | | 15 | | 13 | | 10 | | 9 | | 7 | | 6 | 7 | | **95** | |
| >25-30 | | 3 | | 8 | 3 | | 10 | | 2 | | 15 | | 15 | | 11 | | 11 | | 6 | | 3 | 4 | | **91** | |
| >30-35 | | 6 | | 2 | 1 | | 15 | | 0 | | 25 | | 10 | | 14 | | 2 | | 10 | | 7 | 5 | | **97** | |
| >35-40 | | 3 | | 4 | 3 | | 5 | | 2 | | 28 | | 10 | | 14 | | 10 | | 5 | | 5 | 4 | | **93** | |
| >40-45 | | 6 | | 4 | 7 | | 7 | | 1 | | 21 | | 12 | | 14 | | 2 | | 10 | | 3 | 5 | | **92** | |
| >45-50 | | 10 | | 4 | 1 | | 5 | | 5 | | 30 | | 15 | | 16 | | 6 | | 5 | | 6 | 8 | | **111** | |
| >50-55 | | 4 | | 8 | 5 | | 5 | | 4 | | 10 | | 15 | | 19 | | 8 | | 13 | | 7 | 8 | | **106** | |
| >55-60 | | 3 | | 9 | 6 | | 8 | | 3 | | 22 | | 15 | | 19 | | 10 | | 6 | | 8 | 11 | | **120** | |
| >60-65 | | 6 | | 8 | 3 | | 1 | | 5 | | 20 | | 12 | | 16 | | 8 | | 14 | | 13 | 12 | | **118** | |
| >65-70 | | 8 | | 10 | 7 | | 6 | | 9 | | 25 | | 12 | | 18 | | 15 | | 4 | | 9 | 22 | | **145** | |
| >70-75 | | 9 | | 12 | 15 | | 14 | | 6 | | 25 | | 15 | | 27 | | 12 | | 6 | | 11 | 16 | | **168** | |
| >75-80 | | 8 | | 6 | 9 | | 3 | | 4 | | 2 | | 12 | | 15 | | 12 | | 6 | | 7 | 15 | | **99** | |
| >80-85 | | 6 | | 5 | 6 | | 6 | | 4 | | 2 | | 11 | | 17 | | 11 | | 3 | | 2 | 8 | | **81** | |
| >85-90 | | 3 | | 1 | 3 | | 2 | | 0 | | 0 | | 10 | | 4 | | 0 | | 1 | | 5 | 2 | | **31** | |
| >90+ yrs | | 0 | | 1 | 1 | | 0 | | 0 | | 0 | | 1 | | 3 | | 0 | | 0 | | 0 | 0 | | **6** | |
| **Total** | | 227 | | **257** | **227** | | **242** | | **148** | | **311** | | 288 | | 400 | | 216 | | 237 | | **229** | 272 | | **3054** | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Ear moulds-Females** | | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 5 | 8 | 8 | 18 | 5 | 5 | 4 | 10 | 9 | 15 | 23 | 6 | **116** |
| >1-5 | 53 | 52 | 26 | 46 | 38 | 14 | 34 | 56 | 45 | 42 | 58 | 44 | **508** |
| >5-10 | 31 | 56 | 31 | 26 | 20 | 13 | 6 | 50 | 40 | 30 | 36 | 27 | **366** |
| >10-15 | 16 | 15 | 20 | 10 | 8 | 8 | 10 | 14 | 11 | 12 | 8 | 9 | **141** |
| >15-20 | 1 | 4 | 10 | 1 | 12 | 3 | 8 | 5 | 45 | 15 | 45 | 0 | **149** |
| >20-25 | 1 | 7 | 4 | 6 | 3 | 6 | 20 | 20 | 11 | 23 | 47 | 3 | **151** |
| >25-30 | 3 | 2 | 6 | 4 | 0 | 2 | 2 | 2 | 23 | 17 | 17 | 2 | **80** |
| >30-35 | 3 | 3 | 2 | 6 | 8 | 14 | 3 | 5 | 4 | 4 | 6 | 44 | **102** |
| >35-40 | 20 | 14 | 16 | 14 | 15 | 15 | 0 | 20 | 15 | 2 | 0 | 2 | **133** |
| >40-45 | 5 | 1 | 10 | 7 | 5 | 5 | 2 | 14 | 14 | 17 | 13 | 15 | **108** |
| >45-50 | 10 | 16 | 25 | 25 | 25 | 15 | 25 | 12 | 6 | 3 | 5 | 8 | **175** |
| >50-55 | 3 | 2 | 4 | 10 | 1 | 3 | 0 | 5 | 12 | 12 | 16 | 2 | **70** |
| >55-60 | 7 | 17 | 3 | 4 | 25 | 15 | 17 | 19 | 10 | 5 | 5 | 3 | **130** |
| >60-65 | 8 | 5 | 8 | 12 | 4 | 2 | 8 | 6 | 6 | 6 | 7 | 4 | **76** |
| >65-70 | 4 | 6 | 4 | 1 | 5 | 3 | 0 | 9 | 10 | 10 | 5 | 12 | **69** |
| >70-75 | 2 | 12 | 6 | 4 | 2 | 0 | 4 | 8 | 11 | 10 | 3 | 8 | **70** |
| >75-80 | 3 | 1 | 3 | 6 | 3 | 1 | 2 | 5 | 5 | 5 | 3 | 3 | **40** |
| >80-85 | 2 | 3 | 0 | 7 | 4 | 0 | 0 | 2 | 2 | 6 | 2 | 3 | **31** |
| >85-90 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 5 | 0 | 2 | **11** |
| >90+ yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| **Total** | 177 | **224** | **186** | **207** | **183** | **124** | 148 | 263 | 279 | 239 | **299** | 197 | **2526** |

**Revenue generated (Ear mould)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Spares | 7300 | 11600 | 6750 | 8140 | 6780 | 5260 | 7560 | 8580 | 6730 | 4340 | 5915 | 4920 | **83875** |
| Post | 525 | 805 | 580 | 655 | 215 | 195 | 55 | 750 | 660 | 870 | 210 | 780 | **6300** |
| Making ear moulds | 113270 | 133730 | 104270 | 108300 | 56290 | 39580 | 32520 | 153980 | 107595 | 119510 | 103250 | 104830 | **1177125** |

1. Listening Training Unit: Listening training unit (LTU) is committed to provide aural rehabilitation to the needy. The listening training is provided to not only the clients who use hearing devices such as hearing aids and cochlear implants but also to those with (Central) auditory processing disorders. In addition, training is also imparted to individuals suffering from tinnitus or hyperacusis. The training activity is mainly conducted by the student clinicians under the supervision of the staff. Some of the staff members are also directly involved in training of the clients fitted with cochlear implants. The details of the clients who have undergone listening training is provided in the table below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Listening Training Unit** | | | | | | | | | | | | | |
| **Listening Training Unit** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Clients seen | 338 | 240 | 97 | 140 | 208 | 233 | 250 | 220 | 240 | 239 | 246 | 263 | **2714** |
| Sessions taken | 1289 | 585 | 534 | 796 | 1053 | 720 | 728 | 895 | 701 | 763 | 1036 | 1060 | **10160** |
| Clients for whom demo therapy given | 47 | 44 | 13 | 10 | 18 | 7 | 10 | 17 | 23 | 19 | 18 | 17 | **243** |
| New clients | 104 | 91 | 20 | 21 | 29 | 23 | 22 | 27 | 26 | 32 | 30 | 38 | **463** |
| Repeat clients | 234 | 145 | 77 | 119 | 179 | 210 | 228 | 193 | 214 | 207 | 216 | 226 | **2248** |
| Clients discharged | 9 | 39 | 10 | 3 | 12 | 6 | 8 | 8 | 14 | 13 | 13 | 12 | **147** |
| Clients discontinued | 32 | 36 | 2 | 2 | 4 | 11 | 16 | 6 | 13 | 11 | 13 | 14 | **160** |
| Pre-school sessions attended | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Clients given training in Hindi | 36 | 23 | 9 | 17 | 24 | 23 | 26 | 22 | 30 | 27 | 24 | 29 | **290** |
| Clients with CI trained | 39 | 34 | 13 | 20 | 29 | 33 | 40 | 40 | 44 | 37 | 42 | 54 | **425** |
| Sessions for clients with CI taken | 89 | 59 | 76 | 96 | 154 | 98 | 90 | 212 | 141 | 138 | 212 | 248 | **1613** |
| Clients with tinnitus attended therapy | 5 | 3 | 2 | 1 | 4 | 8 | 15 | 13 | 11 | 2 | 7 | 9 | **80** |
| Sessions for clients with tinnitus | 12 | 5 | 8 | 5 | 16 | 15 | 33 | 30 | 15 | 2 | 5 | 9 | **155** |
| Clients with ANSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | **3** |
| Sessions for clients with ANSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 12 | **19** |
| Clients with hyperacusis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Clients with CAPD | 2 | 2 | 0 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 1 | **19** |
| Sesseions dor clientswith CAPD | 13 | 2 | 0 | 4 | 10 | 4 | 13 | 6 | 6 | 12 | 6 | 0 | **76** |
| Clients for speech reading | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Clients for observn for session HA fitting | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | **8** |

1. Implantable Hearing Device Unit: The activities of this unit include selection of candidates, mapping/ programming, trouble shooting of implantable hearing devices such as cochlear implant, bone-anchored hearing aids and middle ear implants. Rehabilitation of individuals using such devices is also undertaken.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Implantable Hg. Devices Unit** | | | | | | | | | | | | | |
|  | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| **No. of cases seen** | 18 | 22 | 20 | 22 | 14 | 11 | 15 | 12 | 13 | 12 | **16** | 16 | **191** |
| a)      Non-ADIP | 12 | 15 | 10 | 13 | 7 | 5 | 6 | 5 | 7 | 3 | 8 | 4 | **95** |
| b)      ADIP-CI | 6 | 7 | 10 | 9 | 7 | 6 | 9 | 6 | 4 | 3 | 1 | 1 | **69** |
| c)      RBSK-SAST | 0 | 0 |  | 0 | 0 | 0 | 0 | 1 | 2 | 6 | 7 | 11 | **27** |
|  |  |  |  |  |  |  |  |  |  |  |  |  | **0** |
| **No. of switch on** | 1 | 3 | 1 | 3 | 1 | 1 | 0 | 1 | 1 | 5 | **3** | 2 | **22** |
| a)      Non-ADIP | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | **4** |
| b)      ADIP-CI | 1 | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | **8** |
| c)      RBSK-SAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 2 | **10** |
| **No. of sessions** | 18 | 26 | 26 | 24 | 19 | 15 | 15 | 13 | 17 | 18 | 17 | 16 | **224** |
| a)      Non-ADIP | 12 | 17 | 12 | 14 | 8 | 6 | 6 | 5 | 8 | 6 | 9 | 4 | **107** |
| b)      ADIP-CI | 6 | 9 | 14 | 10 | 11 | 9 | 9 | 6 | 5 | 3 | 1 | 1 | **84** |
| c)      RBSK-SAST | 0 | 0 |  | 0 | 19 | 0 | 0 | 2 | 4 | 9 | 7 | 11 | **52** |
|  |  |  |  |  |  |  |  |  |  |  |  |  | **0** |
| **Mapping for CI** | 12 | 22 | 22 | 17 | 18 | 12 | 11 | 10 | 12 | 14 | 14 | 16 | **180** |
| a)      Non-ADIP | 7 | 13 | 10 | 9 | 8 | 3 | 3 | 4 | 5 | 4 | 6 | 4 | **76** |
| b)      ADIP-CI | 5 | 9 | 12 | 8 | 10 | 9 | 7 | 5 | 3 | 1 | 1 | 1 | **71** |
| c)      RBSK-SAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 9 | 7 | 11 | **32** |
| **Troubleshooting CI devices** | 6 | 6 | 5 | 7 | 1 | 3 | 5 | 3 | 5 | 4 | 3 | 2 | **50** |
| a)    Non-ADIP | 5 | 6 | 2 | 5 | 0 | 3 | 3 | 2 | 3 | 2 | 3 | 1 | **35** |
| b)   ADIP-CI | 1 | 0 | 3 | 2 | 1 | 0 | 2 | 1 | 2 | 2 | 0 | 1 | **15** |
| c)    RBSK-SAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| Counselling for CI clients | 18 | 26 | 26 | 24 | 19 | 15 | 15 | 13 | 17 | 18 | **17** | 19 | **227** |
| a)Non-ADIP | 12 | 17 | 12 | 14 | 8 | 6 | 6 | 5 | 8 | 6 | 9 | 5 | **108** |
| b)ADIP-CI | 6 | 9 | 14 | 10 | 11 | 9 | 9 | 6 | 5 | 3 | 1 | 2 | **85** |
| c)RBSK-SAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 9 | 7 | 11 | **33** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Official Lang. Implementation** | | | | | | | | | | | | | |
|  | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Clients given training in Hindi LTU | 68 | | | 64 | | | 78 | | | 60 | | | **270** |
| Correspondance through mail | 2049 | | | 3013 | | | 2303 | | | 2105 | | | **9470** |
| Correspondance through letters | 498 | | | 112 | | | 168 | | | 91 | | | **869** |
| Certificates issued | 498 | | | 498 | | | 449 | | | 580 | | | **2025** |
| Others (formats/labels) | 95 | | | | | | | | | | | | **95** |
| **TOTAL** | | | | | | | | | | | | | **12729** |

**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)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Date** | **Camp** | **Staff Deputed** | **No. of Cases seen** | **No. of impressions taken** |
|  | 10.04.17 | Camps organized under the project titled 'Survey of communication disorders by trained ASHA workers in the Districts of Mysore, Mandya and Chamarajanagara'  Udigala, Chamarajanagara | Ms. Deepthi M.,  Mr. Dileep Kumar G C | 88 | 42 |
|  | 21.04.17 | Hirekhyathanahalli, HunsurTaluk | Ms. Sahana V.  Mr. Dileep Kumar G C | 33 | 24 |
|  | 24.04.17 | Sunkathonnuru, Pandavpurataluk | Ms. Maithri N.  Mr. Jayaram M.T. | 39 | 24 |
|  | 28.04.17 | Kattemalawadi, Hunsur | Mr. Kumarswamy  Mr. Vikas M.D. | 172 | 41 |
|  | 08.05.17 | UthavallikChamarajanagar Dist. | Mr. Vikas M.D.  Mr. Jayaram M T | 64 | 49 |
|  | 09.05.17 | Kothalavadi, Chamarajanagar Dist. | Mr. Vikas M.D.  Mr. Jayaram M T | 92 | 73 |
|  | 16.05.17 | Chikkabedralli, PandavapuraTaluk | Mr. Sharath Kumar  Mr. Kumarswamy | 58 | 57 |
|  | 19.05.17 | Chikkabedralli, PandavapuraTaluk | Mr. Arunraj K.  Mr. Dilip Kumar | 62 | 29 |
|  | 22.05.17 | Kattemalavadi, HunsurTaluk | Ms. Sahana V.  Mr. Sudarshan B | 42 | 29 |
|  | 29.05.17 | Mulluru Village, HunsurTaluk | Ms. Aditi G.  Mr. Kumarswamy | 53 | 48 |
|  | 12.06.17 | Sunkathonnuru, PandavapuraTaluk | Mr. Jithinraj B.  Mr. Jayaram M.T. | 28 | 22 |
|  | 23.06.17 | Gavadagere, HunsurTaluk | Ms. Sahana V. | 58 | 0 |
|  | 30.06.17 | Udigala, Chamarajanagara | Ms. Maithri | 76 | 0 |
|  | 13.07.17 | Hootagalli, Mysuru | Mr. Jithinraj B.  Ms. Maithri N. | 73 | 0 |
|  | 24.07.17 | Kerethonnuru, Pandavapura | Ms. Maithri | 58 | 0 |
|  | 28.07.17 | Mullur, Hunsur | Mr. Antony  Mr. Kumarswamy | 39 | 0 |
|  | 11.08.17 | Mullur, Hunsur | Ms. Megha | 48 | 0 |
|  | 18.08.17 | Herimaralli, Pandavapura | Ms. Sahana V. | 61 | 0 |
|  | 21.08.17 | Panyadundi, Chamrajnagar | Ms. Maithri | 51 | 0 |
|  | 06.10.17 | Nanjaderanapura, Chamarajanagar | Ms. Maithri | 47 | 0 |
|  | 27.10.17 | Yaregowdanahalli, Mandya | Mr. Nagaraju  Mr. Sudarshan | 64 | 29 |
|  | 30.10.17 | Madapura, Chamarajanagar | Mr. Darga Baba Fakruddin  Mr.Jayaram | 32 | 23 |
|  | 09.11.17 | Keragalli, Mysuru | Mr. Jithin | 143 | 0 |
|  | 10.11.17 | Bannikuppe  Hunsur | Mr. Dileep Kumar,  Ms. Megha | 48 | 29 |
|  | 17.11.17 | Harave, Chamarajanagar | Mr. Vikas  Mr. Kumarswamy | 62 | 59 |
|  | 20.11.17 | Melekote, Mandya | Mr. Darga Baba  Mr. Sudarshan | 77 | 62 |
|  | 20.11.17 | Maliyuru,  Chamarajnagar | Ms. Shantala  Mr. Jayaram M.T. | 94 | 57 |
|  | 08.12.17 | Hunsur | Mr. Dileep Kumar | 0 | 29 |
|  | 15.12.17 | Chamarajnagar | Mr. Jayaram M.T. | 0 | 62 |
|  | 22.12.17 | Chamarajnagar | Mr. Dileep Kumar | 0 | 74 |
|  | 24.03.18 and 25.03.18 | Nilambur, Kerala  NSS | Mr. Sreeraj K.  Mr. Vivek A. | 30 | 60 |

**Public Lecture Series:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Resource person** | **Topic** | **Date** |
|  | Ms. Mamatha N.M | Causes of hearing loss’ during the Monthly Public Lecture on 01.09.17. Biomedical students from Mangalore participated for the same. | September 2017 |
|  | Dr. Prawin Kumar | Noise induced hearing loss | 26.10.2017 |

**Other Outreach Services :**

* Dr. Geetha C. and Mr. Jithin B. carried out hearing evaluation and fine tuning of hearing aids to a bed ridden patient, Ms. Shakuntalamma, Near Kalidasa road, Mysuru. A photograph with the patient has been submitted to the department as a proof.
* Dr. Manjula P., Professor in Audiology gave a live phone in programme in connection with having problems from sound pollution and remedies on 09.02.18 from 2.30 to 3.30 pm at Janadhwani 90.8 FM, Sarguru, H D Kote taluk, Mysuru

**Service to bed ridden patients**



***Devloped Pamphlets***

* Use and care of receiver in the canal (RIC)/ Receiver in the ear (RITE) hearing aids. Developed by Dr. K.J. Ramadevi and Dr. Chandni Jain
* Correcting simple problems of receiver-in-the-ear (RITE) hearing aids. Developed by Dr. Ramadevi & Dr. Chandni Jain
* Getting to know your digital hearing aid. Modified by Dr. Ramadevi and Dr. Chandni Jain
* Developed pamphlets on Ear moulds (Devi, N. Vivek, A and Sandeep. M)
* Development and modification of the ‘Tinnitus App’ released on Annual day 9th August 2017

**TECHNOLOGICAL CONSULTANCY SERVICES/** तकनीकीपरामर्शसेवाएं :

1. HOD-Audiology, Dr. Sandeep M., 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/** पुरस्कारऔरसम्मान **Received by Faculty and Staff :**

**Academic**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Paper/Name of the award** | **Venue** | **Date** |
|  | Renuka C, Ajish K. Abraham, Devi N., Swapna N. (2017). | *Best Paper Award*  Robotic communicative tool in speech and hearing: A review. | International conference on Innovative research in engineering and technology Mysuru. | 11th June 2017 |
|  | Mamatha HR, Prashanth SS, Hemanth N, Ajith Kumar U. (2017). | *Best Paper Award*  Development of auditory based application software for tinnitus evaluation. | 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru | 21st- 23rd September, 2017. |
|  | Sindhu Parthasarathy, Jijo Pottakal Mithai, Hemanth Narayan Shetty, Ajith Kumar Uppunda (2017) | *Best Paper Award*  Hearing Handicap and Psychoacoustic tests in individuals with cochlear pathology and auditory neuropathy spectrum disorder. | 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru | 21st- 23rd September, 2017. |
|  | Prawin Kumar, Niraj Kumar Singh, Raghunandana S, Aditi Gargeshwari, Raghav Hira Jha (2017). | *Best Paper Award*  Altered middle ear transmission characteristics in osteopenia and osteoporosis | 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru | 21st- 23rd September, 2017. |
|  | Akhila Chandrashekar, Janani Cariappa, Nayanika Ghosh, Prashanth Prabhu P (2017). | *Best Paper Award*  Effect of different blood groups on efferent auditory system functioning in young adults with normal hearing. | 3rd International conference on Audiological Sciences organized by the Department of Audiology & Speech Language Pathology, Kasturba Medical College, Manipal University, Mangaluru | 21st- 23rd September, 2017. |
|  | AshaYathiraj, Manjula P., Geetha C., Jawahar Antony, Megha (2017). | *Best Oral Paper Award*  Negative middle ear pressure and non-auditory stimulation in a child using cochlear implantation | CIGICON-2018 | Nov 18 |
|  | Niraj Kumar, Mamath H.R., Sandeep Maruthy (2018) | ***Dayalan Samuel SSV Award for Best Paper in Audiology***  Simultaneous multi-frequency (SiMFy) stimulus: Anovel, valid and reliable stimulus for frequency tuning of ocular vestibular evoked myogenic potentials. Presented at 50th ISHACON 2018 held at Mysuru between 5-7 January 2018. | 50th ISHACON 2018 held at Mysuru | 5-7 January 2018. |
|  | Yashaswini L., Sandeep Maruthy (2018) | ***Dr. M. Raghunathan Memorial Award for Best Poster in Audiology***  A revisit to the phenomena of MOCB regulating speech in noise perception. | 50th ISHACON 2018 held at Mysuru | 5-7 January 2018. |
|  | Slesha Jain, Prithivi T., G. Nike Gnanateja, Sandeep Maruthy (2018) | ***Muktesh Award for Best Paper in Audiology***  Speech perception in noise and efferent auditory mechanisms in individuals with and withough stuttering. | 50th ISHACON 2018 held at Mysuru | 5-7 January 2018. |
|  | Aman Kumar, Anju Sara Eby, Gouri Girish, Mamatha H.R., Sandeep Maruthy (2018) | ***Manohar Memorial Award for Best paper in Audiology***  BISIMF ABR: a novel paradigm to record frequency specific ABR simultaneously from two ears. | 50th ISHACON 2018 held at Mysuru | 5-7 January 2018. |
|  | Nisha K.V., Ajith Kumar (2018) | ***Dr. N.R. Chaudhary Memorial Award for best paper in Audiology***  Pre-attentive neural signatures of auditory spatial processing in individuals with normal hearing and sensorineural hearing impairment: a comparative study. | 50th ISHACON 2018 held at Mysuru | 5-7 January 2018. |
|  | Renuka. C, Devi. N, Akshay. M, Ajish K. Abraham (2018). | *Best Paper Award*  Need for robotic resources in Speech and Hearing – An Indian study | 39th IRF International conferences | 28th January 2018 Bengaluru |
|  | Swapna N, Prawin Kumar, Mr. Arunraj, Ms. Devamma, Mr. Mukesh Kumar, Dr. S. R. Savithri. (2018) | Significance of Associated Risk Factors among Newborn Neonatal Hearing Screening- A Preliminary Data. Scientific Paper Presented | 1st Annual Conference Of Bihar Branch Of Indian Speech And Hearing Association Held At Patna, Bihar. | 10-11 Mar 2018 |

**Non-Academic**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Name** | **Paper/Name of the award** | **Venue** | **Date** |
|  | Ms.Manjula P., Professor of Audiology | Best AIISHIAN award under faculty group for the year 2016-17 | AIISH, Knowledge Park, Mysuru | 09.08.17 |
|  | Mr.Arunraj K., Clinical Assistant | Best AIISHIAN award under clinical staff group for the year 2016-17 | AIISH, Knowledge Park, Mysuru | 09.08.17 |
|  | Department of Audiology | Official Language Implementation-1st prize during Hindi Week | AIISH, Knowledge Park, Mysuru |  |

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

**MAJOR EVENTS/** प्रमुखईवेंट**-**

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

* Release of Test material of Dr. AshaYathiraj-Temporal Ability Screening Test (TAST)
* The Renovated Ear Mould Lab was inaugurated by Prof. B.K. Chandrashekar, Former Minister of Primary Eduction and IT, Govt. of Karnataka on 29.12.17
* Dr. Sujith Kumar Sinha, Reader in Audiology took over the charges as Head of the Department of Audiology on 08..01.18

**VISITORS/** आगंतुकों -

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.No** | | **Visitor** | **Detials** | **No.** | **Date** |
|  | Dr. Arun, Professor of ENT, JIPMER, Pondicherry | | | **1** | 20.04.17 |
|  | Ms. Jyothi, B.Ed students, , Bharathi college of education, K.M. Doddi, | | | 50 | 21.04.17 |
|  | Mysore university, Students | | | 4 | 24.04.17 |
|  | Sri. Sunil Sharma, IAS, Joint Secretary (H), Ministtry of Health and Family Welfare, Government of India | | | 1 | 27.06.17 |
|  | RCI inspectors for inspection for extension of recognition from RCI for the M.Sc (Aud) program for the year 2017-18 | | | 2 | 24.06.17 |
|  | Mr. Arvind, Clinical specialist from Advance Bionics | | |  |  |
|  | Meliza Cruz, Senior Clinical Educator, Singapure and Ms. Anjali Bhat, Clinical Specialist from M/s. Cochlear Medical Device Company India Pvt. Ltd. | | | 2 | 04.07.17 |
|  | Dr, BharathChandrasekaran, Associate Professor, Department of Communication Sciences and Disorders, University of Texas | | | 1 |  |
|  | Kent Hoang Khuong, MSC, Businees Development Manager, Vietnam associated to Cochlear Medical Device India Pvt. Ltd | | | 1 | 13.07.17 |
|  | D.Ed (HI) students from Ajay leela special TT college, Jodhpur | | | 23 | 02.08.17 |
|  | Prof. Dr. R. Venkata Rao, Vice Chancellor, National Law School of India University, Bangalore and Dr. R. Balasubramaniam, Founder, Swami Vivekananda Youth Movement, Mysore visited the department | | | 2 | 09.08.17 |
|  | Electronics and communication engineering studnets from Canara Engineering College, Mangalore | | | 40 | 01.09.17 |
|  | Students and Staff from Department of Psychology, SDC, Shri Saraswathi Thyagaraja College, Pullachi, Tamil Nadu | | | 50 | 15.09.17 |
|  | Students and staff from Department of Education, Avinashalingam University, Coimbatore, Dept. of Special Education | | | 54 | 15.09.17 |
|  | Mr. Derek Minihane, Vice President, Sound Processors and Clinical care, Research and development, visited IHDU | | | 1 | 26.09.17 |
|  | SM lingappa college of education (B.Ed. college) K.R pete, Mandya, | | | 36 | 09.10.17 |
|  | Mr. T. Yogesh, Additional Deputy Commissioner, Mysore visited the department on 07.11.17, | | | 1 | 07.11.17 |
|  | B.Ed students, 32 students and 2 staff from Shabulingeshwara College of Education, Jayanthinagar, Pandavpura | | | 34 | 03.11.17 |
|  | Valarine Looi & Ajim Shah from M/s. Advanced Bionics visited IHDU and discussed about research topics. IHDU members attended the program. Mr. Ajim Shah demonstrated software related to Advanced Bionics Cochlear Implant. | | | 2 | 08.02.18 |
|  | Mr. Devaiah from Cochlear Medical Device Pvt. India Ltd. handed over 6 cochlear implant kits of clients who were implanted under SAST-RBSK scheme to AIISH for switch on and rehabilitation. | | | 1 |  |
|  | Dr. Hiroya Fujisaki, Professor Emeritus, University of Tokyo, Japan who is well known for his model for the poss of fundamental frequency control in speech is visiting the institute | | | 1 | 19th & 20th March 2018. |

**ANY OTHER/** कोईदूसरा

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

|  |  |
| --- | --- |
| **Name** | **Services** |
| Dr. AshaYathiraj | **Academics**   * Doctoral committee member of Ph.D candidates (Mr. Sharath, Mr. Reuben) * Board of examiner for PG (Speech and Audio), BASLP, B.Sc (Sp. & Hg.) & Special Education * Doctoral committee member for pre thesis colloguium of Mr. Prashanth & Mr. Sreeraj K. on 25.10.17 * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17 * Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17 * Compiled the regulations and curriculum of Audiology, Language, Speech & Allied Courses for BASLP program on 17.01.18 * Member for selection of Audiology and Speech & Hearing Ph.D candidates for the year 2017-18 on 26.02.17 * Chairperson-BOS (Audiology), Guide & Chairperson of Doctoral committee * Chairperson of Audiology, M.Sc (SLP) and Special Education & Member of Speech and Hearing at UOM * Served as committee member as Chairperson of BOS (Audiology) for Ms. Apeksha’s pre-thesis colloquium on 27.02.18 * Chairperson-BOE for Speech & Hearing, M.Sc. (Audiology), M.Sc. (Speech and Hearing) * Conducted Internal open viva-voce of Mr. Pebbili Gopi Kishore as Chairperson –BOS (SLP) on 03.04.18 * Chairperson- BOE for Special Education   **Administrative and Others**   * Director-Incharge (during the absence of Director) * Assumed the charge as Director, AIISH on 08.08.17 * HOD-Incharge (during the absence of HOD) * Nominated as ISO auditor for Clinical Services 15.05.17 * Served as Reviewing officer & reporting officer for verifying APAR of staff * Chairperson of LTU * Member of IHDU * Served as President ISHA & MyISHA * Served as organizing chairperson during 50th ISHACON-18 * Chairperson for preparation of regulations and syllabus for B.ASLP related to audiology courses * Coordinator of AIISH AAWAZ 18 * Conducted LTU meeting on 23.03.18 |
| Dr. P. Manjula | **Academics**   * Doctoral committee member of Ph.D candidate (Ms. RoshiniPillai) * Internal Examiner for research proposal presentation of dissertations on 22nd and 23rd August 2017 * Doctoral committee member for pre thesis colloguium of Mr. Prashanth & Mr. Sreeraj K on 25.10.17 * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17 * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17 * Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17 * Chairperson of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17 * Served as Internal examiner for I M.Sc (Audiology) on 07.12.17 * Compiled the regulations and curriculum of Audiology, Language, Speech & Allied Courses for BASLP program on 17.01.18 * Member for selection of Audiology Ph.D candidates for the year 2017-18 on 26.02.17 * Member of Internal open viava-voce examination for Ph.D candidate, Ms. Roshini Pillai * Chairperson-BOE for Speech & Hearing, M.Sc. (Audiology), M.Sc. (Speech and Hearing) * Chairman for the placement of M.Sc (Aud/SLP) students - 2017 batch   **Administrative and Others**   * First Appellate Authority under RTI Act at AIISH * Chairperson of Implantable Hearing Device Unit (IHDU) * Chairperson of Hearing Device Dispensing Unit (HDDU) * Chairperson of Library Advisory Committee * Finalized international and national standards (ANSI /ASA) related to audiology * Served as member for selection committee meeting to select candidates for admission to I MASLP at JSS Institute of speech and hearing, Mysore on 01.07.17 * Chaiperson of Standing Purchase Committee * Served as Chairperson of Registration committee during 50th ISHACON-18 * Formed guidelines for institutional endowment awards * Attended Hearing Aid rate control related meeting, as member secretary, on 05.03.18 * Chairperson for the committee to review posts identified for persons with disabilitites |
| Dr. Rajalaskhmi K | **Academics**   * Attended deemed university meeting on 16.05.17 * Member of Research advisory committee * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17 * Served as Internal examiner for II M.Sc (Audiology) on 08.12.17 * Member for selection of Audiology Ph.D candidates for the year 2017-18 on 26.02.17   **Administrative and Others**   * Promoted for the next higher scale through APS * Chairperson of committee to scrutinize the applications for the post of JRF & Software Engineer of extramural project of Dr. Sandeep & Dr. Prawin Kuamr * Relieved as Coordinator of JC/CC |
| Dr. Animesh Barman | **Academics**   * Board of examiner for Post graduates students (Speech and Audiology) * Member of Board of examiners for PG courses in Speech and hearing 2017-18 at Bangalore university * Doctoral committee member for pre thesis colloguium of Mr. Prashanth& Mr. Sreeraj K on 25.10.17 * Member of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17 * Attended deemed university meeting on 08.01.18 * Organized a Workshop on Revision of Regulations and Syllabus for B.ASLP Course as Academic Coordinator * Member for selection of Audiology Ph.D candidates for the year 2017-18 on 26.02.17 * Served as committee member for Ms. Apeksha’s pre-thesis colloquium on 27.02.18   **Administrative and Others**   * Nominated as ISO auditor for Department of Speech Language Sciences * Member of FAAR * Provided international and national (ANSI /ASA) standards related to audiology * Relieved as Liaison officer for SC/ST/OBC and Dr. R. Rajasudhakar is nominated for the same. * Corrected modules prepared by the staff * Relieved as Vice President -AIISH-Gymkhana * Nominated as Academic Coordinator from 01.01.18 to 31.12.19 * Served as Chairperson-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 * Served as Chairperson of Finance committee during 50th ISHACON-18 * Formed guidelines for institutional endowment awards |
| Dr. Ajith Kumar U | **Academics**   * Member of Research Advisory Committee * Doctoral committee member of Ph.D candidates (Mr. Sharath, Mr. Reuben) * RAC member for ARF projects on 10 & 11 July 2017 * Internal Examiner for research proposal presentation of dissertations on 22nd and 23rd August 2017 * Doctoral committee member for pre thesis colloguium of Mr. Prashanth& Mr. Sreeraj K on 25.10.17 * Doctoral committee member for pre thesis colloguium of Ms. Nisha K.V. on 01.11.17 * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17 * Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17 * Member secretary for preparation of regulations and syllabus for B.ASLP related to audiology * Member for selection of Audiology Ph.D candidates for the year 2017-18 on 26.02.17 * Member of Internal open viava-voce examination for Ph.D candidate, Ms. Roshini Pillai * Member of BOS-Audiology at UOM * Served as committee member as Guide and Chairperson Doctoral Committee for Ms. Apeksha’s pre-thesis colloquium on 27.02.18 * Chairperson-BOE for Speech & Hearing, M.Sc. (Audiology)   **Administrative and Others**   * Chairperson of computerization of medical records and OPD * NAAC committee coordinator * Nominated as ISO auditor for Clinical Services * Served as auditee during internal ISO audit of the department * Promoted as Professor w.e.f. 01.07.2016 under assessment promotion scheme * Nominated to look after ISO implementation cell w.e.f 22.05.17 * Coordinator of PAL * Coordinator for Annual day celebrations of the institute scheduled on 09.08.17 * Member for reviewing of existing recruitment rules * President of AIISH-Gymkhana * Relieved form looking after the duties of ISO implementation cell * Nominated as DHLS Overall Coordinator from 01.01.18 to 31.12.19 * Nominated as Warden for boys hostel from 01.01.18 to 31.12.19 * Served as Chairperson of Scientific Committee during 50th ISHACON-18 and pre-conference * Served as Auditor for the Department of Speech Language Pathology on 08.02.18 * Attended Hearing Aid related meeting on 05.03.18 * Coordinator of AIISH AAWAZ 18 |
| Dr. Sandeep M. | **Academics**   * 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 * Doctoral committee member of Ph.D candidate (Mr. Sharath) * Doctoral committee member for Internal viva voce of Mr. Sharath Kumar on 08.11.17 * Doctoral committee member for Internal viva voce of Mr. Ganapathy on 08.11.17 * Member of reviewing committee to check the progress of research work of Mr. Rakesh Gatla & Ms. Yashaswini on 23.11.17 * Attended deemed university meeting on 08.01.18 * Served as committee member for Ms. Apeksha’s pre-thesis colloquium on 27.02.18 * Member –BOE for Special Education   **Administrative and Others**   * Attended HODs meeting on 27.04.17 * Attended meeting with the Director with regard to revision of ISO process manual of Audiology department on 27.04.17 * Served as ISO Auditor for Department of Speech Language Pathology on 02.05.17 * Served as reporting officer for verifying APAR of staff * Served as auditee during internal ISO audit of the department * Coordinator of EPLAB * Coordinator of FAAR * Member of LTU * Attended MRM meeting on 22.06.17 & 12.07.17 * Chairperson of purchase committee w.e.f 29.08.17 * Served as Chairperson of Sponsorship, Exhibition, Infrastructure and Parking Management Committee during 50th ISHACON-18 * Relieved as Managing Editor JAIISH w.e.f .01.01.18 * Attended CWF meeting on 02.01.18 * Handed over the charges of HOD-Audiology on 08.01.18 * Member for selection of Audiology Ph.D candidates for the year 2017-18 on 26.02.17 * Served as Auditor for Department of Clinical Services on 07.02.18 * Attended selection committee meeting on 12.01.18 for the post of JRF for the DST project on genetic analysis |
| Dr. Sujeet Kumar Sinha | **Academics**   * Served as Deputy chief superintendent at Kolkata for B.ASLP/M.Sc (Aud), M.Sc (SLP) and M.Ed.Spl.Edn.(HI) programmes on 27.05.17 * Doctoral committee member of Ph.D candidate (Ms. RoshiniPillai) * Class mentor for III B.Sc (Sp. & Hg.) B Section * Internal examiner of practical viva for II B.Sc on 20.10.17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Attended deemed university meeting on 08.01.18   **Administrative and Others**   * Relieved as NSS officer * Nominated to look after coordination section w.e.f 22.05.17 * Nominated as HOD-Audiology from 01.01.18 to 31.12.19 * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 * Attended CWF meeting on 02.01.18 * Served as Chairperson-Stage management and program coordination committee during 50th ISHACON-18 * Presented peer review of the department on 10.01.18 * Took over the charges of Audiology on 08.01.18 * Chairperson for Sponsorship committee for AIISH AAWAZ 18 * HOD attended the MRM meeting on 14.03.18. * Purchase meeting on 21.03.18 * Conducted LTU meeting on 23.03.18 |
| Dr. Prawin Kumar | **Academics**   * Served as Deputy chief superintendent at Guwahati, Assam for B.ASLP/M.Sc (Aud), M.Sc (SLP) and M.Ed.Spl.Edn.(HI) programmes on 27.05.17 * Relieved as CBCS coordinator w.e.f 11.09.17. * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Member for selection of Audiology Ph.D candidates for the year 2017-18 * Deputy Chief Superintendent for the entrance exam for the admission to B.A.SLP / M.Sc (Aud), M.Sc (SLP) and M.Ed. Spl.Edn. (HI) program   **Administrative and Others**   * Assessment for extension of contract employees * Served as Chairperson of Accommodation committee during 50th ISHACON-18 * Posted in POCD for two half days per week for the year 2018 & 19 and serving as Incharge Head in the absence of HOD-POCD * Served as HOD-POCD on 08.02.18 (Afternoon) * Member of committee to scrutinize the applications for the post of JRF & Software Engineer of extramural project * Chairperson for stock verification of clinical psychology and garden equipments |
| Dr. Niraj Kumar Singh | **Academics**   * Nominated for compilation and publishing dissertation articles for 2015-16 & 2016-17   **Administrative and Others**   * Promoted as Reader w.e.f. 01.07.2016 under assessment promotion scheme * Transferred from Jabalpur to AIISH and Mr. Dhananjay joined as lecturer in Audiology on 15.03.18 at Jabalpur |
| Ms. Mamatha N.M. | **Academics**   * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17   **Administrative and Others**   * Member of Practical lab * Modified Practical lab module and prepared template * Attended International Day of Yoga (Guinness world records-Official Attempt) at Mysore Race Course, Mysuru * Study leave of Ms. Mamatha N.M., lecturer in Audiology has been sanctioned from 14.09.17 to 13.09.18 * Served as member of souvenircommittee during 50th ISHACON-18 * Member Secretary for stock verification of SLP, TCPD and camp unit |
| Dr. Devi N. | **Academics**   * Internal examiner for viva of I B.ScSudents * 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 * Internal examiner of practical viva for I B.Sc on 19.10.17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Invigilator for M.Sc exam held in December 2017 * Deputy Chief Superintendent for the entrance exam for the admission to B.A.SLP / M.Sc (Aud), M.Sc (SLP) and M.Ed. Spl.Edn. (HI) program   **Administrative and Others**   * Promoted as Reader w.e.f. 01.07.2016 under assessment promotion scheme * Explored for extramular project by SERB, GOI and informed the staff about the same * Arranged for RCI inspection for DECSE (HI) program on 04.08.17 * Formats for assessment for extension of contract employees was designed and submitted * Nominated as Warden for girls hostel from 01.01.18 to 31.12.19 * Member Secretary of Stage management and program coordination committee during 50th ISHACON-18 * Developed pamphlets on Ear moulds * Took over the charges of Warden-/Ladies hostel * Member secretary for Stage management and program coordination committee for AIISH AAWAZ 18 * Chairperson for stock verification of SLP, TCPD and camp unit * Attended LTU meeting on 23.03.18 |
| Dr. Chandini Jain | **Academics**   * Internal examiner for viva of III B.ScSudents * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17 * External examiner for practical viva of DHA&ET * Staff incharge for practical classes for I BASLP * Class mentor for I M.Sc (Audiology) B Section * Prepared Modules for practical classes and clinical practicum * DHLS-Ranchi coordinator * Internal examiner of practical viva for II B.Sc on 20.10.17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Custodian for UG evaluation at University of Mysore   **Administrative and Others**   * Nominated as Hindi Nodal officer of Audiology department * Coordinator of Practical lab * Modified Practical lab module and prepared template for practical lab * Worked towards official language implementation (Headings of all files, registers and audiogram sheets) * Submitted application for APS * Promoted as Reader in Audiology w.e.f 01.07.17 * Chairperson for accommodation committee for DHLS coordinators meet * Chairperson for stock verification of Academic & Knowledge Park * Attended LTU meeting on 23.03.18 |
| Dr. GeethaC. | **Academics**   * Internal examiner for viva of II B.ScSudents * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17 * Staff incharge for practical classes for III BASLP * Class mentor for II M.Sc (Audiology) B Section * Prepared Modules for practical classes and clinical practicum * Internal examiner of practical viva for I B.Sc on 19.10.17 * Nominated as CBCS coordinator for Audiology w.e.f 23.10.17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Invigilator for M.Sc exam held in December 2017   **Administrative and Others**   * Member of IHDU * Promoted as Reader in Audiology w.e.f 01.07.17 * Formats for assessment for extension of contract employees was designed and submitted * Organized pre-con seminar on Methods of clinical research during 50th ISHACON-18 * Member of Learning Disability Clinic * Served as member of Scientific Committee during 50th ISHACON-18 * Chairperson for stock verification of Guest house and ladies hostel * Member for filling up of various positions on regular basis at the institute which included Hostel Superintendent, Sign Language Teacher, Cognitive Psychologist, Clinical Psychologist, Executive Assistant Gr-II, Technician * Member for filling up the post of speech & hearing technician/Assistant (on contract basis-6 posts at various centre) * Chairperson for auction of stored fire woods and a jungle tree at AIISH main campus |
| Mr. Sreeraj K. | **Academics**   * Served as internal examiner for students of Dr. Prawin Kumar for dissertation viva on 19.05.17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17   **Administrative and Others**   * Nominated as NSS officer * Member of LTU * Coordinated to conduct Skill test for the post of clerk (House keeping) for LTU on 01.09.17 * Prepared FAQs * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 * Served as Member Secretary of Registration committee during 50th ISHACON-18 * Attended 10th ISHACON at Kerala * NSS camp at Andaman & Nicobar Islands between 05.02.17 to 14.02.17 * Member Secretary for stock verification of ENT and library |
| Dr. Ganapathy M K | **Academics**   * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17 * External examiner on 26th& 27th May 2017 * Staff incharge for practical classes for II M.Sc * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Served as Internal examiner for I M.Sc (Audiology) on 07.12.17 * Invigilator for M.Sc exam held in December 2017   **Administrative and Others**   * Coordinated during ISO audit on 12.05.17 * Member of EPLAB * Assisted HOD during external ISO audit on 30.07.17 * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 * Served as member of Transportation Committee during 50th ISHACON 18 * Assisted HOD during ISO Internal audit of the department |
| Dr. Hemanth N. | **Academics**   * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17 * Coordinated Internal viva for B.Sc and M.Sc students 2016-17 * Staff incharge for practical classes for I M.Sc * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17 * Served as Internal examiner for II M.Sc (Audiology) on 08.12.17   **Administrative and Others**   * Member of PAL * Invigilator for M.Sc exam held in December 2017 * Served as member of Accommodation committee during 50th ISHACON-18 * Assisted HOD during ISO Internal audit of the department |
| Dr. Prashanth Prabhu P | **Academics**   * Served as internal examiner for students of Dr. Niraj Kumar Singh for dissertation viva on 19.05.17 * Served as internal examiner for students of Dr. Jijo P.M. for dissertation viva on 19.05.17 * Custodian of full length papers of Dissertation (Audiology) * Room superintendent for B.ASLP/B.Sc (speech and hearing) semester scheme examinations conducted in May 17 * Served as Deputy chief superintendent at Secunderabad for B.ASLP/M.Sc (Aud), M.Sc (SLP) and M.Ed.Spl.Edn.(HI) programmes on 27.05.17 * 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 * Class mentor for I BASLP B Section * Nominated for compilation and publishing dissertation articles for 2015-16 & 2016-17 * Served as examiner during B.ASLP/B.Sc (Speech and Hearing) integrated semester scheme and B.Ed.Spl.Ed. (HI) CBCS scheme Nov 17   **Administrative and Others**   * Assisted HOD during ISO audit of the department * Member of Accommodation committee-staff quarters allotment committee. * Attended meeting with the Director with regard to revision of ISO process manual of Audiology department * Served as Auditor for Department of Speech Language Pathology on 02.05.17 * Nominated as ISO auditor for TCPD * Prepared FAQs for hosting in the website * Assistant to the organizing secretary during 50th ISHACON-18 * As NSS officer organized NSS camp at Andaman & Nicobar Islands between 05.02.17 to 14.02.17 * Chairperson for stock verification of Gents hostel and International guest house |
| Dr. Ramadevi KJS | * Internal examiner for practical viva of DHA&ET * Served as member of souvenircommittee during 50th ISHACON-18 * Stock entry of trial hearing aids on daily basis |
| Ms. Dhanalakshmi T | * Member Secretary for stock verification of Academic & Knowledge Park * Member for stock verification of ENT & Library |
| Ms. Megha | * Member secretary for IHDU unit * Served as member of Scientific Committee during 50th ISHACON-18 * Organized pre-con seminar on Hearing loss identification in infants and young children: Objective measures during 50th ISHACON-18 * Member for stock verification of clinical psychology and garden equipments |
| Dr. Sharath Kumar | * Member of FAAR * Prepared Modules for dissertation students * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 * Served as member secretary of Sponsorship, Exhibition, Infrastructure and Parking Management Committee during 50th ISHACON-18 * Supervised the clients handled by Mr. Arunraj during his leave from 23.02.18 to 09.03.18 * Member secretary for Sponsorship committee for AIISH AAWAZ 18 * Member Secretary for stock verification of stores stock items * Served as in-charge of C and B block, Dept. of Audiology * Served as Room invigilator at AIISH for B.ASLP/M.Sc (Aud), M.Sc (SLP) and M.Ed.Spl.Edn.(HI) programmes on 27.05.17 * Serving as Joint secretary AIISH gymkhana |
| Mr. Jawahar Antony P | * Member of EPLAB * Member of IHDU * Was deputed to SAST, Bangalore to bring CI processor kits for CI patients * Served as memberof Scientific Committee during 50th ISHACON-18 * Organized pre-con seminar on genetics of speech and hearing: Recent advances during 50th ISHACON-18 * Attended Spot quotation for Reclining chair |
| Mr. Arunraj K | * Nominated as ISO auditor for Administration (PL, Establishment) * Nominated as ISO auditor for Clinical Psychology * Posted in POCD for 2 days and in Audiology for 3 days * Served as member of souvenir committee during 50th ISHACON-18 |
| Mr. Vikas M.D | * Member, Internship and Placement Cell. * Member of Practical Lab * Modified Practical lab module and prepared template * Accompanied Mr. NPN Rao, Team leader and expert of ISO audit team on 25th& 26th July 17 * Polloing officer for Gymkhana elections * Served as Internal examiner for II M.Sc (Audiology) on 08.12.17 * Served as Member-Catering and Hospitality committee for the Graduation Day 2017 held on 12.12.17 * Served as member secretary of Finance committee during 50th ISHACON-18 * Member secretary for Stalls for AIISH AAWAZ 18 * Member for stock verification of Gents hostel and International guest house |
| Mr. Jithin Raj B. | * Member of PAL * Hospitality incharge of visitors during external ISO audit on 30.06.17 * Visited a bedridden patient at Bangalore and provided audiological services at his door step * Served as member of Sponsorship, Exhibition, Infrastructure and Parking Management Committee during 50th ISHACON-18 * Member Secretary for stock verification of Electronics and canteen |
| Mr. Darga Baba | * Served as Internal examiner for I M.Sc (Audiology) on 07.12.17 * Stock entry of trial hearing aids on daily basis * Stock verification of the hearing aids and give a report to the HDDU incharge every month * Served as member of Transportation Committee during 50th ISHACON 18 * Member Secretary for stock verification of Admin block, project equipment and sports/gymkhana |
| Mr. Arunraj | * Accompanied Mr. Mohan Maidargi, Auditor, ISO audit team on 25th& 26th July 17 * Chairperson for Stalls for AIISH AAWAZ 18 |
| Ms. Jyothi S. | * Member secretary for LTU unit * Served as member of Finance committee during 50th ISHACON-18 * Member for stock verification of Academic & Knowledge Park * Attended LTU meeting on 23.03.18 |
| Mr. Nagaraju B. | * Member or stock verification of Admin block, project equipment and sports/gymkhana |
| Mr. Vivek A. | * Attended few camps organized from AIISH for taking ear mould impression * Developed pamphlets on Ear moulds * Member for stock verification of Electronics and canteen |
| Mr. Sudarshan B. | * Attended few camps organized from AIISH for taking ear mould impression |
| Mr. Jayaram T. | * Attended few camps organized from AIISH for taking ear mould impression |
| Mr. Kumarswamy | * Attended few camps organized from AIISH for taking ear mould impression |
| Mr. Dilip Kumar | * Attended few camps organized from AIISH for taking ear mould impression |
| Mr. Rakesh G | * Staff incharge for practical classes for I BASLP * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 |
| Ms. Shubha Tak | * Staff incharge for practical classes for I M.Sc |
| Mr. Shreyank P. Swamy | * Staff incharge for practical classes for III BASLP * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 |
| Ms. Yashaswini L. | * Staff incharge for practical classes for II BASLP * Polloing officer for Gymkhana elections * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 |
| Mr. Anoop B.J. | * Served as Member-Invitation, Registration and Reception committee for the Graduation Day 2017 held on 12.12.17 |

1. **Regular staff Appointment / transfer**

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| **Sl. No** | **Name** | **Designation** | **Working in Dept/ Project/DHLS** | **Appointed/Transferred** |
|  | Mr. B. Nagaraj | Clinical Assistant | Department | Appointed on 08.05.17 |
|  | Dr. Niraj Kumar Singh | Reader in Audiology | Jabalpur | Transferred to AIISH |

1. **Others**

**Feed back by clients**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **April** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** |
| **Very good** | 24 | 14 | 24 | 29 | 27 | 8 | 10 | 12 | 9 | 14 | 11 | 6 |
| **Good** | 12 | 7 | 4 | 17 | 7 | 11 | 6 | 3 | 6 | 4 | 2 | 4 |
| **Satisfactory** | 2 | 8 | 1 | 5 | 4 | 4 | 2 | 2 | 7 | 1 | 4 | 2 |
| **Not-Satisfactory** | 3 | 9 | 7 | 6 | 6 | 4 | 2 | 6 | 4 | 2 | 3 | 5 |

**Photos**

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**Guest Lecture by Dr. Shibashis Choudhary**



**Fine tuning of digital hearing aids**



**Workshop on Auditory Evoked Potentials**

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