**CLINICAL SERVICES**

**ELE**

1. General Clinical Services and Statistics of

Various Departments Hearing Aid Issue : At camps – **60** hearing aids

: At outreach centres of Akkihebbal, Hullahalli & Gumbahalli – **197** hearing aids

ii) AIISH Hearing Aid Dispensing Scheme : **2324** hearing aids

Clinical Support Services to patients and Family :

Certificate issued - **06** certificates to the hearing aid users for

condemnation of their hearing aid

Any other: Issue of hearing aid spares

|  |  |  |
| --- | --- | --- |
| **Sl.**  **No** | **Hearing aid Spares** | **Total no. of spare issued** |
| 1 | HA cells | 77876 |
| 2 | Battery Door | 22 |
| 3 | Ear hook | 160 |
| 4 | Body case | 08 |
| 5 | Wind weather protector | 22 |
| 6 | BET Huggies | 22 |

Clinical electronic services :

i) Electro-acoustic Evaluation - **124** hearing aids

ii) Calibration of Audiometer - **14** nos.

ii) Hearing Aid Dispensing –

1. **292** hearing aids under ADIP scheme
2. **2324** hearing aids under HADU scheme
3. **35** hearing aids under Plan Project

iii) Repair of Hearing Aids – Total of **1205** hearing aids

1. Body worn hearing aids -**383**
2. BTE Hearing aids – **822**

**SLP**

**CLINICAL SERVICES**

1. **General Clinical Service** : Will be provided by Department of Clinical Services
2. **Specialized Clinical Services of Departments**

**Autism Spectrum Disorder Unit (ASD)**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of cases evaluated | 203 |
| No. of assessment sessions | 203 |
| No. of therapy cases | 337 |
| No. of therapy sessions | 1948 |
| No. of D.T. cases | 47 |
| No. of cases discharged | 13 |
| No. of cases discontinued | 11 |
| No. of Hindi cases | 24 |
| No. of materials developed | 0 |
| OT (referral made) | 51 |
| No. of cases referred to Behavioural Therapy | 18 |
| No. of OT therapy sessions | 893 |
| No. of BT therapy sessions | 2 |

**Clinic for Adult and Elderly persons with Language Disorders**

|  |  |
| --- | --- |
| Details | **Total** |
| No. of cases evaluated | 51 |
| No. of assessment sessions | 67 |
| No. of therapy cases | 46 |
| No. of therapy sessions | 196 |
| No. of D.T. cases | 35 |
| No. of cases discharged | 26 |
| No. of cases discontinued | - |
| No. of Hindi cases | 3 |
| No. of materials developed | - |

**Dysphagia Unit**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of cases evaluated | 31 |
| No. of assessment sessions | 36 |
| No. of therapy cases | 10 |
| No. of therapy sessions | 33 |
| No. of D.T. cases | 0 |
| No. of cases discharged | 5 |
| No. of cases discontinued | 0 |
| No. of Hindi cases | 0 |
| No. of materials developed | 2 |

**Learning Disability Clinic**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of cases evaluated | 1 |
| No. of therapy cases | 1 |
| No. of therapy sessions | 15 |
| No. of D.T. cases | 40 |
| No. of cases discharged | 2 |
| No. of cases discontinued | 2 |
| No. of Hindi cases | 0 |

**Motor Speech Disorder Unit**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of cases evaluated | 47 |
| No. of assessment sessions | 47 |
| No. of therapy cases | 6 |
| No. of therapy sessions | 0 |
| No. of D.T. cases | 29 |
| No. of cases discharged | 29 |
| No. of cases discontinued | 1 |
| No. of Hindi cases | 4 |
| No. of materials developed | 3 |

**Unit for Structural Craniofacial Anomalies**

|  |  |
| --- | --- |
| **Details** | **Total** |
| Total number of OPD cases seen | 88 |
| Total number of sessions | 218 |
| Daily average sessions | 15 |
| Number of DT cases | 179 |
| Number of new cases | 1 |
| Number of repeat cases | 2 |
| Number of cases discharged | 0 |
| Number of cases discontinued | 0 |
| Number of working days | 0 |
| Number of students posted | 9 |

**Any other**

**Materials Developed for Clinical learning**

Gayathri, K., & Swapna, N. Developed proforma to be used in OPD for initial assessment swallowing and feeding problems in adults and children

Swapna, N. Participated in the development of student tutprial for FDA Administration

**DCS**

**CLINICAL SERVICES**

A total of **22,307 new clients** have been registered during the year with various types of speech, language and hearing disorders. **51,872** case files were retrieved for ***repeat/follow up visits*** for various evaluations. A total of **8,090 (new and repeat)** and **15,738** persons were evaluated at Speech and Language

OPD and Audiology OPD respectively. A total of **4,785** persons were evaluated in detail for various speech and language problems. The needy persons were also evaluated for associated ENT and psychological problems by the faculty and staff from the respective departments. Persons requiring further management were given various therapies for duration of 45 minutes every day. A total **8,553** persons (**Table 9**),attended various therapies at Speech-Language, Special Clinics (ASD, Fluency, and U-SOFA) and Physio/ Occupational sections for the year April-18 to March -19. A total of **47,632** sessions (**Table 9)** which included individual Speech-Language, Special Clinics (ASD, Fluency and U-SOFA) and Physio/ Occupational therapies were provided to clients in the year April-18 to March -19. The faculty and clinical staff provided supervision and counseling along with support and guidance to parents for home training.

**Following tables and figures depict the statistics of clients registered in the department for various Clinical Services**

**Table 1: State wise distribution of clients registered from April-18 to March -19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **States Descriptions** | **Male** | **Female** | **Total** |
|  | Andra Pradesh | 115 | 63 | 178 |
|  | Arunachal Pradesh | 0 | 0 | 0 |
|  | Assam | 15 | 3 | 18 |
|  | Bihar | 21 | 8 | 29 |
|  | Chattisgarh | 2 | 1 | 3 |
|  | Delhi | 2 | 2 | 4 |
|  | Goa | 6 | 0 | 6 |
|  | Gujarat | 2 | 1 | 3 |
|  | Hariyana | 5 | 1 | 6 |
|  | Himachal Pradesh | 1 | 0 | 1 |
|  | Jarkhand | 12 | 8 | 20 |
|  | Karnataka | 12468 | 8200 | 20668 |
|  | Kashmir | 1 | 0 | 1 |
|  | Kerala | 486 | 244 | 730 |
|  | Madhya Pradesh | 7 | 4 | 11 |
|  | Maharastra | 23 | 11 | 34 |
|  | Manipur | 1 | 1 | 2 |
|  | Meghalaya | 0 | 1 | 1 |
|  | Mizoram | 0 | 0 | 0 |
|  | Nagaland | 1 | 0 | 1 |
|  | Orissa | 5 | 2 | 7 |
|  | Punjab | 0 | 0 | 0 |
|  | Rajasthan | 9 | 1 | 10 |
|  | Sikkim | 0 | 0 | 0 |
|  | Tamil Nadu | 155 | 66 | 221 |
|  | Telangana | 10 | 5 | 15 |
|  | Tripur | 2 | 0 | 2 |
|  | Union Territories | 8 | 0 | 8 |
|  | Uttar Pradesh | 22 | 5 | 27 |
|  | Uttaranchal | 1 | 1 | 2 |
|  | West Bengal | 21 | 5 | 26 |
|  | **Total** | **13401** | **8633** | **22034** |
| **Over Seas Total** | | **0** | **3** | **3** |
| **Grand Total** | | **13401** | **8636** | **22037** |

**Figure 1:State wise distribution of clients registered from April-2018 to March -2019**

**Table 1A: Over Seas distribution of clients registered from April-18 to March -19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Over Seas** | **Male Cases** | **Female Cases** | **Total Cases** |
|  | Maldives | 0 | 1 | 1 |
|  | Nepal | 0 | 1 | 1 |
|  | UK | 0 | 1 | 1 |
| **Total** | | **0** | **3** | **3** |

**Table 2: Total Number of clients registered at Medical records, from April-18 to March -19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Months** | **Clients registered (New clients)** | **Retrieval of Case files** | **Total** | **Total No. Working Days** |
| April | 2055 | 3493 | 5548 | 21 |
| May | 2136 | 4651 | 6787 | 21 |
| June | 1992 | 4162 | 6154 | 21 |
| July | 2041 | 5352 | 7393 | 21 |
| August | 1645 | 5269 | 6914 | 20 |
| September | 1743 | 4133 | 5876 | 20 |
| October | 1882 | 4127 | 6009 | 19 |
| November | 1503 | 3771 | 5274 | 18 |
| December | 1780 | 3068 | 4848 | 21 |
| January | 1757 | 4643 | 6400 | 21 |
| February | 1943 | 4631 | 6574 | 21 |
| March | 1560 | 4572 | 6132 | 20 |
| Total | **22037** | **51872** | **73909** | 244 |

**Figure 2: Details of clients registered in Medical records, from April 2018 to March 2019**

**Table 3: Details of clients evaluated in Speech-Language and Audiology OPD from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Particulars** | **Apr** | **May** | **June** | **July** | **Aug** | **Sept** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Speech Language OPD | 746 | 700 | 624 | 634 | 454 | 444 | 486 | 411 | 487 | 445 | 489 | 379 | **6299** |
| Audiology OPD | 1309 | 1436 | 1368 | 1407 | 1191 | 1299 | 1396 | 1092 | 1293 | 1312 | 1454 | 1181 | **15738** |
| Total New case registered | 2055 | 2136 | 1992 | 2041 | 1645 | 1743 | 1882 | 1503 | 1780 | 1757 | 1943 | **1560** | **22037** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Particulars** | | **Apr** | **May** | **June** | **July** | **Aug** | **Sept** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Speech Language OPD | New (Case history) | 746 | 700 | 624 | 634 | 454 | 444 | 486 | 411 | 487 | 445 | 489 | 379 | 6299 |
| Repeat | 189 | 136 | 230 | 199 | 117 | 98 | 77 | 82 | 198 | 219 | 149 | 97 | 1791 |
| **Total** | **935** | **836** | **854** | **833** | **571** | **542** | **563** | **493** | **685** | **664** | **638** | **476** | **8090** |

**Figure 3a: Disorders-wise distribution of clients (New) seen in Speech-Language OPD from- April-18 to March -19**

**Table 4a: Clients (New) evaluated in Speech-Language -OPD (disorders wise) from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Disorders** | **Language Disorders** | | | **Fluency Disorders** | | | **Voice Disorders** | | | **Articulation Disorders** | | | **Multiple Disorders** | | | **Normal** | | | **Total** | **Hindi** |
| Months | C | A | G | C | A | G | C | A | G | C | A | G | C | A | G | C | A | G |
| April | 368 | 32 | 4 | 46 | 21 | 0 | 9 | 27 | 10 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 560 | 49 |
| May | 341 | 16 | 1 | 54 | 14 | 0 | 13 | 32 | 12 | 42 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 527 | 41 |
| June | 388 | 44 | 3 | 39 | 13 | 0 | 5 | 31 | 6 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 557 | 53 |
| July | 369 | 51 | 8 | 21 | 20 | 0 | 7 | 28 | 5 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 524 | 51 |
| Aug | 255 | 44 | 6 | 15 | 16 | 0 | 7 | 22 | 2 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 385 | 57 |
| Sept | 270 | 30 | 15 | 15 | 14 | 0 | 4 | 25 | 10 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 399 | 31 |
| Oct | 235 | 30 | 1 | 31 | 7 | 0 | 5 | 28 | 6 | 27 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 373 | 50 |
| Nov | 203 | 14 | 2 | 18 | 12 | 0 | 5 | 25 | 10 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 305 | 21 |
| Dec | 278 | 34 | 7 | 25 | 24 | 0 | 12 | 22 | 14 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 434 | 41 |
| Jan | 251 | 28 | 4 | 20 | 13 | 0 | 8 | 20 | 9 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 373 | 41 |
| Feb | 233 | 25 | 6 | 8 | 15 | 0 | 3 | 24 | 6 | 13 | 2 | 0 | 0 | 0 | 0 | 9 | 4 | 0 | 348 | 33 |
| March | 231 | 22 | 3 | 14 | 13 | 0 | 0 | 27 | 9 | 16 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 338 | 31 |
| **Total** | 3422 | 370 | 60 | 306 | 182 | 0 | 78 | 311 | 99 | 252 | 28 | 1 | 0 | 1 | 0 | 9 | 4 | 0 | **5123** | **499** |
| Disorder Wise | **3852** | | | **488** | | | **488** | | | **281** | | | **01** | | | **13** | | |
| **Over All** | **5123** | | | | | | | | | | | | | | | | | | | |

*C- Child, A-Adult, G-Geriatric*

**Table 4b: Disorder wise distribution of clients (Re- evaluated) in Speech-Language -OPD from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Months** | **Disorders** | | | | |  |  | **Total** |
| **Child Language** | **Adult Language** | **Voice** | **Articulation** | **Fluency** | **Multiple** | **Normal** |
| April | 148 | 05 | 03 | 25 | 08 | 00 | 00 | 189 |
| May | 106 | 06 | 04 | 11 | 09 | 00 | 00 | 136 |
| June | 209 | 05 | 02 | 05 | 09 | 00 | 00 | 230 |
| July | 169 | 10 | 05 | 05 | 10 | 00 | 00 | 199 |
| Aug | 105 | 02 | 04 | 01 | 05 | 00 | 00 | 117 |
| Sept | 87 | 04 | 03 | 04 | 00 | 00 | 00 | 98 |
| Oct | 63 | 03 | 05 | 00 | 06 | 00 | 00 | 77 |
| Nov | 69 | 02 | 05 | 02 | 04 | 00 | 00 | 82 |
| Dec | 176 | 04 | 08 | 06 | 04 | 00 | 00 | 198 |
| Jan | 187 | 05 | 04 | 14 | 09 | 00 | 00 | 219 |
| Feb | 129 | 07 | 03 | 05 | 05 | 00 | 00 | 149 |
| Mar | 79 | 6 | 3 | 5 | 4 | 00 | 00 | 97 |
| **Total** | **1527** | **59** | **49** | **83** | **73** | **00** | **00** | **1791** |

**Figure 3b: Disorders-wise distribution of clients (Re-evaluated) in Speech language OPD from April-18 to March -19**

**Table3c: Details of clients evaluated in Special Clinic from April-2018 to Mar-2019**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Units** | **Apr** | **May** | **June** | **July** | **Aug** | **Sept** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| AAC | 12 | 3 | 6 | 8 | 2 | 1 | 2 | 4 | 3 | 6 | 11 | 15 | 58 |
| ASD | 43 | 32 | 29 | 54 | 32 | 24 | 29 | 22 | 32 | 30 | 36 | 30 | 393 |
| CAEPLD | 0 | 1 | 3 | 5 | 2 | 3 | 1 | 0 | 0 | 1 | 0 | 1 | 17 |
| VOICE | 85 | 41 | 36 | 48 | 48 | 44 | 45 | 55 | 55 | 57 | 53 | 53 | 620 |
| MSD | 21 | 19 | 19 | 18 | 8 | 5 | 15 | 15 | 15 | 11 | 11 | 12 | 169 |
| LD | 9 | 7 | 8 | 10 | 8 | 7 | 4 | 4 | 4 | 4 | 7 | 11 | 83 |
| Phonology | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 9 | 9 | 7 | 12 | 98 |
| **Total** | | | | | | | | | | | | | **1438** |

**Table 5: Disorder wise distribution of clients for rehabilitation services from**

**April-18 to March-19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Disorders** | **Language Disorders** | | | **Voice Disorders** | | | **Articulation Disorders** | | | **Multiple Disorders** | | | **Total** |
| Months | C | A | G | C | A | G | C | A | G | C | A | G |
| April | 240 | 0 | 2 | 4 | 8 | 2 | 18 | 0 | 1 | 7 | 0 | 0 | **282** |
| May | 152 | 0 | 2 | 1 | 5 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | **175** |
| June | 261 | 0 | 0 | 2 | 9 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | **280** |
| July | 350 | 8 | 4 | 2 | 11 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | **385** |
| Aug | 477 | 12 | 7 | 5 | 28 | 3 | 12 | 3 | 0 | 2 | 0 | 0 | **549** |
| Sept | 401 | 6 | 4 | 2 | 10 | 3 | 13 | 3 | 0 | 2 | 0 | 0 | **444** |
| Oct | 426 | 17 | 4 | 5 | 15 | 2 | 7 | 2 | 0 | 2 | 0 | 0 | **480** |
| Nov | 193 | 11 | 7 | 3 | 20 | 2 | 3 | 4 | 1 | 0 | 0 | 0 | **244** |
| Dec | 326 | 5 | 4 | 6 | 17 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | **364** |
| Jan | 554 | 11 | 4 | 7 | 21 | 3 | 21 | 6 | 4 | 3 | 0 | 0 | **634** |
| Feb | 531 | 18 | 8 | 6 | 23 | 5 | 15 | 6 | 4 | 2 | 0 | 0 | **618** |
| March | 522 | 16 | 7 | 7 | 22 | 9 | 16 | 4 | 2 | 2 | 0 | 0 | **607** |
| **Total** | **4433** | **104** | **53** | **50** | **189** | **33** | **132** | **33** | **14** | **21** | **0** | **0** | **5062** |
| Disorder Wise | **4590** | | | **272** | | | **179** | | | **21** | | |
| **Over All** | **5062** | | | | | | | | | | | | |

*C- Child, A- Adult, G- Geriatric*

**Figure 4: Disorders-wise distribution of clients who availed therapy from April-18 to March -19**

**Table 6: Details of clients who attended Speech and Language Therapy from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Details regarding Persons attending Speech and Language Therapy April - 17 to March 2018** | | | | | | | | | | | | | |
| **Particulars** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| No. of Speech Language Cases | 282 | 175 | 280 | 385 | 549 | 444 | 480 | 244 | 364 | 634 | 618 | 607 | **5062** |
| Therapy New Cases | 144 | 105 | 195 | 110 | 85 | 95 | 86 | 64 | 172 | 136 | 87 | 103 | **1382** |
| Therapy Repeat Cases | 138 | 70 | 85 | 275 | 464 | 349 | 394 | 180 | 192 | 498 | 531 | 504 | **3680** |
| Number of Sessions | 1656 | 1011 | 1414 | 2128 | 2298 | 2729 | 2219 | 1161 | 1537 | 2577 | 3303 | 3698 | **25731** |
| Demonstration Therapy Cases | 260 | 107 | 47 | 33 | 33 | 32 | 82 | 64 | 55 | 49 | 15 | 89 | **866** |
| Number of Hindi Cases | 18 | 18 | 13 | 20 | 7 | 11 | 13 | 5 | 15 | 17 | 9 | 12 | **158** |

**Table 7: Clinical Services provided to clients at the Special Clinic Therapy from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Disorders | **Fluency Unit** | | **ASD - Unit** | | **U-SOFA** | | **AAC** | | **ISL** | | **ADHD** | | Total | **Sessions** | | | | |  | **Total Sessions** |
| Months | **C** | **A** | **C** | **A** | **C** | **A** | **C** | **A** | **C** | **A** | **C** | **A** | **FU** | **ASD** | **ISl** | **AAC** | **U-SOFA** | **ADHD** |
| April | 40 | 11 | 44 | 0 | 7 | 0 | 9 | 0 | 0 | 0 | 6 | 0 | 117 | 357 | 250 | 00 | 37 | 28 | 36 | **708** |
| May | 6 | 1 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 46 | 38 | 00 | 00 | 08 | 00 | **92** |
| June | 24 | 8 | 22 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 65 | 191 | 151 | 00 | 00 | 58 | 03 | **403** |
| July | 13 | 20 | 55 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 97 | 205 | 244 | 00 | 00 | 15 | 27 | **491** |
| Aug | 21 | 14 | 100 | 0 | 10 | 0 | 7 | 0 | 0 | 0 | 8 | 0 | 160 | 158 | 467 | 00 | 20 | 47 | 44 | **736** |
| Sept | 20 | 15 | 68 | 0 | 10 | 1 | 3 | 0 | 0 | 0 | 28 | 0 | 145 | 217 | 455 | 00 | 09 | 64 | 135 | **880** |
| Oct | 24 | 15 | 70 | 0 | 13 | 0 | 4 | 0 | 2 | 0 | 14 | 0 | 142 | 192 | 366 | 13 | 22 | 71 | 72 | **736** |
| Nov | 16 | 6 | 43 | 0 | 4 | 0 | 21 | 0 | 2 | 0 | 7 | 0 | 99 | 119 | 223 | 05 | 61 | 29 | 37 | **474** |
| Dec | 19 | 16 | 52 | 0 | 4 | 0 | 20 | 0 | 1 | 0 | 5 | 0 | 117 | 146 | 241 | 14 | 77 | 16 | 14 | **508** |
| Jan | 19 | 32 | 94 | 0 | 16 | 0 | 10 | 0 | 2 | 0 | 13 | 0 | 186 | 207 | 527 | 09 | 33 | 70 | 66 | **912** |
| Feb | 14 | 28 | 108 | 0 | 16 | 1 | 13 | 0 | 4 | 0 | 12 | 0 | 196 | 234 | 787 | 28 | 56 | 88 | 72 | **1265** |
| March | 21 | 22 | 101 | 0 | 14 | 1 | 16 | 0 | 3 | 1 | 15 | 1 | 195 | 179 | 690 | 48 | 99 | 68 | 92 | **1176** |
| Total | 237 | 188 | 761 | 0 | 109 | 5 | 103 | 0 | 14 | 1 | 114 | 1 | **1533** | **2251** | **4439** | **117** | **414** | **562** | **598** | **8381** |
| Disorder Wise | **425** | | **761** | | **114** | | **103** | | **15** | | **115** | |
| Over All | **1533** | | | | | | | | | | | | **8381** | | | | | | | |

*C- Child, A- Adult, Others=Language/Multiple.*

**Figure 5: Clinical Services provided to Clients at the Special Clinics from April-18 to March -19**

**Table 8: Clients Availing Therapy Services in PT/ OT from April 2018 to March 2019**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Particulars** | | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| **PT** | Cases | 33 | 44 | 55 | 66 | 74 | 80 | 79 | 77 | 74 | 81 | 93 | 81 | **837** |
| Sessions | 225 | 325 | 452 | 522 | 478 | 562 | 583 | 538 | 637 | 563 | 773 | 675 | **6333** |
| **OT** | Cases | 114 | 63 | 72 | 97 | 112 | 116 | 96 | 85 | 90 | 80 | 97 | 99 | **1121** |
| Sessions | 693 | 348 | 525 | 737 | 601 | 724 | 475 | 549 | 615 | 466 | 707 | 747 | **7187** |

**Figure 6: Clients Availing Therapy Services in PT/ OT from April 2018 to March 2019**

**Table 9: Compilation of client details who availed various therapy services from April-18 to March -19**

|  |  |  |
| --- | --- | --- |
| **Various Therapy** | **Clients** | **Sessions** |
| Speech Language Therapy | 5,062 | 25,731 |
| Special Clinics Therapy | 1,533 | 8,381 |
| Physio and Occupational Therapy | 1,958 | 13,520 |
| **Total** | **8,553** | **47,632** |

**Figure 7: Total Clients who availed various therapy services from April -2018 to March 2019**

**Table 10: Clients seen by consultant specialists from April-18 to March -19**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Persons Evaluated by Special consultants April - 2018 to March 2019** | | | | | | | | | | | | | |
| **Consultants** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| Physiotherapy | **33** | **44** | **55** | **66** | **74** | **80** | **79** | **77** | **74** | **81** | **93** | **81** | **837** |
| Occupational therapy | **114** | **63** | **72** | **97** | **112** | **116** | **96** | **85** | **90** | **80** | **97** | **99** | **1121** |
| Paediatrician | **28** | **25** | **26** | **19** | **19** | **27** | **13** | **11** | **9** | **17** | **26** | **24** | **244** |
| Phonosurgeon | **19** | **14** | **21** | **19** | **19** | **10** | **23** | **14** | **19** | **7** | **21** | **07** | **193** |
| Plastic Surgeon | **37** | **29** | **27** | **7** | **7** | **18** | **13** | **15** | **15** | **11** | **17** | **30** | **226** |
| Orthodontist | **09** | **03** | **04** | **01** | **01** | **08** | **03** | **07** | **13** | **2** | **1** | **01** | **53** |
| Dietician | - | - | - | - | - | - | - | - | - | **14** | **23** | **14** | **51** |

**Figure 8: Clients evaluated by consultant specialists and PT-OT from April-18 to March -19**

**Other Services**

**Table 11: Details of other services provided to clients from April 2018- March 2019**

|  |  |  |
| --- | --- | --- |
| **Sl. No** | **Particulars** | **Total** |
| 1 | Transfer Certificates | 39 |
| 2 | Evaluation Reports | 464 |
| 3 | Attendance Certificates | 31 |
| 4 | School Admission & Language Exemption Certificates | 71 |
| **Correspondence with the Clients** | | |
| 1 | Correspondence through Email | 45 |
| 2 | Counselling by IST during the process of discharge | 739 |
| a.  b. | Follow up of discharged clients:  Follow up to be done  Actual Follow up done | 825  567 |
| 4 | Follow up of discontinued clients | 43 |
|  | Not reported cases | 38 |
| 5 | Counselling regarding school placement | 53 |
| a. | No. of School visits | 61 |
| b. | No. of Schools | 24 |
| c. | No. of Teachers Oriented | 148 |
| d. | Visitors oriented | 20 |

**Table 12: Assistance provided to the needy persons under Client Welfare Fund (CWF) from April 2018 - March 2019**

|  |  |  |  |
| --- | --- | --- | --- |
| **Month** | **No. of Clients** | **Amount Sanctioned in CWF** | **Follow up cases** |
| April | 11 | 95,665 | 5 |
| May | 6 | 73,790 | 8 |
| June | 16 | 1,21,590 | 6 |
| July | 20 | 2,10,550 | 7 |
| August | 7 | 69,970 | 5 |
| September | 9 | 69,192 | 28 |
| October | 17 | 1,55,954 | 32 |
| November | 17 | 1,86,902 | 22 |
| December | 21 | 2,12,419 | 09 |
| January | 13 | 1,08,900 | 07 |
| February | 11 | 1,11,522 | 09 |
| March | 03 | 29,900 | 04 |
| **Total** | **151** | **14,46,354** | **142** |

**Table 13: Revenue generated/collected from April-18 to March -19**

|  |  |
| --- | --- |
| **Revenue Generated** | **Amount in Rs** |
| Medical Records | 6,55,350 |
| Therapy Charges | 6,09,195 |
| Certificate / Evaluations | 3,36,815 |
| *Miscellaneous - Handout and books* | 1,27,074 |
| *Payment of Hearing Aid* | 2,99,13,360 |
| *Soft Tube/Mould* | 11,98,130 |
| **Total** | **3,28,39,924** |

**SLS**

**III.Clinical Services**

1. **General Clinical Services**
2. **Speech and Language Assessment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| 137 | 126 | 157 | 1061 | 12 | 1493 |

1. **Speech and Language Rehabilitation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Voice** | **Phonology** | **Fluency** | **Language** | **PVC** | **Total** |
| 81 | 10 | 11 | 884 | 20 | 1006 |

1. **Specialized Clinical Services**
2. **Augmentative and Alternative Communication Unit:** Mr. Reuben Thomas Varghese, Member
3. **Autism Spectrum Disorder Unit :** Dr. Hema. N, Member
4. **Clinic for Adult and Elderly persons with Language Disorders**
5. **Fluency Unit:** Chairperson- Dr. M. Santosh
6. **Implantable Hearing Devices Unit**
7. **Learning Disability Clinic**
8. **Listening Training Unit**
9. **Neuromotor Speech Disorder Unit**
10. **Pre-School Training and Special education**
11. **Professional Voice Care Unit**

Dr. K. Yeshoda - Chairperson (from Jan.2018)

Dr. R. Rajasudhakar – Member (from Jan.2018)

Dr. T. Jayakumar – Member

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Course Level** | **No. of students Trained** | **No. of Hours** |
| 1. | B.Sc. (Sp & Hg) Interns | 35 | 243 |
| 2. | I M.Sc. (SLP) | 16 | 18 |
| 2. | II M.Sc. (SLP) | 13 | 12 |

1. **Unit for Human Genetics**

Chairperson- Dr. M. Santosh (from Jan.2018)

Dr. Sreedevi N. – Member (from Jan.2018),

Dr. T. Jayakumar – Member

1. **Clinical Support Services to Patients and Family**
2. **Counseling and Guidance**
3. **Certificates Issued**
4. **Financial Aid**
5. **Legal advice**

**Any other (Please Specify)**

1. **Clinical Electronic Services**

**i) Electro-Acoustic Evaluation**

**ii) Hearing Aid Dispensing**

**iii) Repair of Hearing Aids**

**POCD**

1. **CLINICAL SERVICES**
2. **General Clinical Services**
3. **Newborn Follow-up evaluation:**
4. **Phone follow-up**

The at-risk babies were monitored regularly through a virtual mode (Phone call) by administrating Speech-language & hearing developmental checklist. The babies who are identified with delay in any of the developmental milestones were referred to AIISH/concern center for detailed evaluation.

Table 1: Details of the Phone follow-up of newborns and infants

|  |  |  |  |
| --- | --- | --- | --- |
| **Centers** | **Pass (Normal Milestones)** | **Referred**  **(Delayed Milestones)** | **Total** |
| AIISH | 32 | 2 | **34** |
| OSCs | 114 | 63 | **177** |
| Ajmer NBS | 211 | 3 | **214** |
| Cuttack NBS | 199 | 10 | **209** |
| Imphal NBS | 91 | 40 | **131** |
| Jabalpur NBS | 286 | 18 | **304** |
| Puducherry NBS | 255 | 22 | **277** |
| Ranchi NBS | 613 | 43 | **656** |
| Lucknow NBS | 0 | 0 | **0** |
| Bhagalpur NBS | 0 | 0 | **0** |
| Sarguru, NBS | 48 | 5 | **53** |
| **Total** | **1849** | **206** | **2055** |

1. **Detailed Assessment**

The newborns/infants referred during the newborn screening were followed up through telephone calls to parents/caregivers of infants. Those who had referred through phone follow up and also referred through newborn screening program were advised for detailed evaluation at AIISH/NBS centers/OSCs. A complete test battery was administered for those clients who came for follow-up. Table 2a & 1b depicts the statistics related to this activity.

Table 2a: Details of the overall results of follow-up evaluation for newborns and infants

|  |  |
| --- | --- |
| **Categories** | **Total** |
| Clinically Normal (CN) | **859** |
| ENT disorders (ENT) | **68** |
| Auditory Maturation delay (AMD) | **6** |
| Hearing disorder (HI) | **306** |
| Speech &language disorder (SLD) | **142** |
| Multiple disorder (MD) | **30** |
| Incomplete testing (IT) | **165** |
| **Total registered for follow up testing** | **1510** |

Table 2b: Details of the overall test results of follow up program at each NBS & OSC centers

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Centers | CN | ENT | AMD | HI | SLD | MD | IT | **Total** |
| AIISH | 65 | 0 | 0 | 6 | 0 | 0 | 9 | **80** |
| OSCs | 158 | 0 | 3 | 6 | 2 | 1 | 15 | **185** |
| Ajmer NBS | 13 | 0 | 0 | 17 | 3 | 0 | 106 | **142** |
| Cuttack NBS | 54 | 1 | 2 | 75 | 0 | 5 | 0 | **137** |
| Imphal NBS | 110 | 23 | 2 | 25 | 45 | 2 | 0 | **195** |
| Jabalpur NBS | 15 | 1 | 0 | 17 | 6 | 7 | 2 | **48** |
| Puducherry NBS | 349 | 0 | 0 | 60 | 21 | 1 | 45 | **155** |
| Ranchi NBS | 7 | 42 | 0 | 30 | 57 | 7 | 5 | **120** |
| Lucknow NBS | 153 | 11 | 0 | 69 | 5 | 17 | 0 | **255** |
| Bhagalpur NBS |  |  |  |  |  |  |  |  |
| **Total** | **924** | **78** | **07** | **305** | **139** | **40** | **182** | **1317** |

1. **Hearing evaluation of industrial workers at AIISH: 1**

The industrial employees during the Industrial screening were followed for detail evaluation. A complete test battery was administered for those clients who came for follow-up. Table 4 (c) depicts the statistics related to this activity.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the industry** | **Total Evaluated** | **Total Number of ears with** | |
| **Normal hearing**  **(Ear wise)** | **Hearing loss**  **(Ear wise)** |
| **Bannari Industry,**  **Nangungud** | **21** | **24** | **18** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Month** | **Industry** | **Department** | **No. Screened** | **Staff** |
| 1. | Dec 2018 | KSIC Silk Factory | Weaving | 28 | Staff of POCD |
| 2. | Jan 2019 | KSIC Silk Factory | Weaving | 43 | Staff of POCD |
| 3. | Feb 2019 | KSIC Silk Factory | Weaving | 32 | Staff of POCD |

**Spl.Edn.**

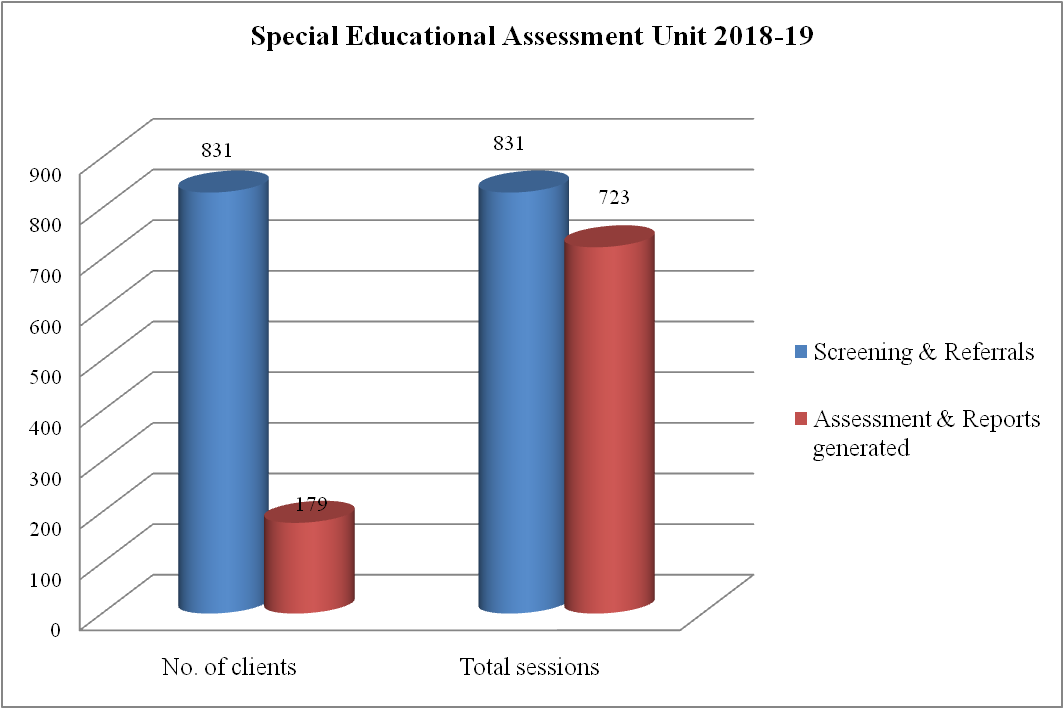
1. **CLINICAL SERVICES/ EDUCATIONAL SERVICES**
2. **General Clinical Services: Not Applicable**
3. **Specialized Clinical / Educational Services :**

**xi) Preschool Training and Special Education**

**Educational services for children with special needs**

1. **Special Educational Assessment Unit:** Educational Assessment services are offered for all children with communication disorders to determine readiness for schooling and to suggest an appropriate grade, placement as well as necessary services from

|  |  |  |
| --- | --- | --- |
| Type of Service | Screening & Referrals | Assessment &  Reports generated |
| No. of clients | 831 | 179 |
| Total sessions | 831 | 723 |



1. **Parent Infant Program (PIP):** A service provided to very young children ranging from birth to 2.5 years with the objective of improving physical, cognitive, communication, social and emotional skills.

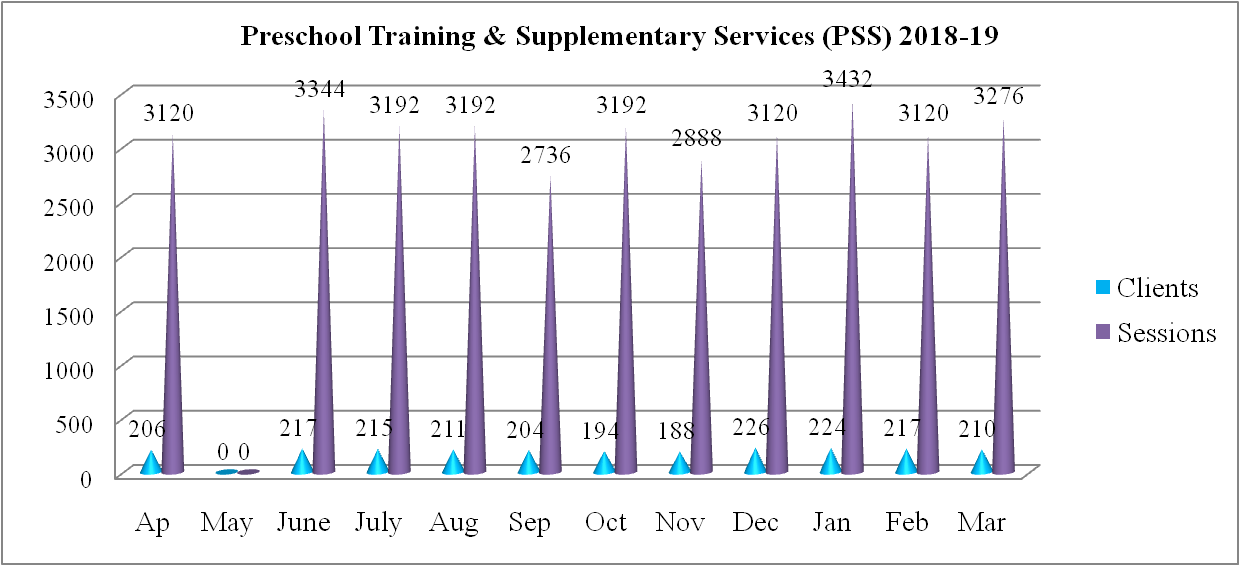
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| Clients | 44 | 45 | 37 | 46 | 52 | 57 | 60 | 60 | 54 | 54 | 60 | 54 |
| Sessions | 114 | 84 | 109 | 195 | 195 | 202 | 194 | 194 | 149 | 198 | 169 | 165 |

1. **Preschool Parent Empowerment Program (PPEP):** A service provided to caregivers of children ranging from 2.5-3 years before formal admission to preschool. This is aimed to empower caregivers to train their children and get adjusted to preschool atmosphere

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| Clients | 199 | 215 | 212 | 95 | 124 | 138 | 160 | 139 | 129 | 129 | 173 | 173 |
| Sessions | 420 | 380 | 380 | 441 | 441 | 441 | 441 | 399 | 420 | 462 | 462 | 462 |

1. **Preschool Training & Supplementary Services (PSS):** Preschool service is provided to children with hearing impairment, cerebral palsy, and multiple disability age ranging from 3 to 6 years. For children with intellectual disability and for children with autism age ranging from 3 to 10 years. This is preparatory training for children with communication disorders in self-help, cognitive, communication and academic skills necessary for successful schooling.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.No. | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| Clients | 206 | 0 | 217 | 215 | 211 | 204 | 194 | 188 | 226 | 224 | 217 | 210 |
| Sessions | 3120 | 0 | 3344 | 3192 | 3192 | 2736 | 3192 | 2888 | 3120 | 3432 | 3120 | 3276 |

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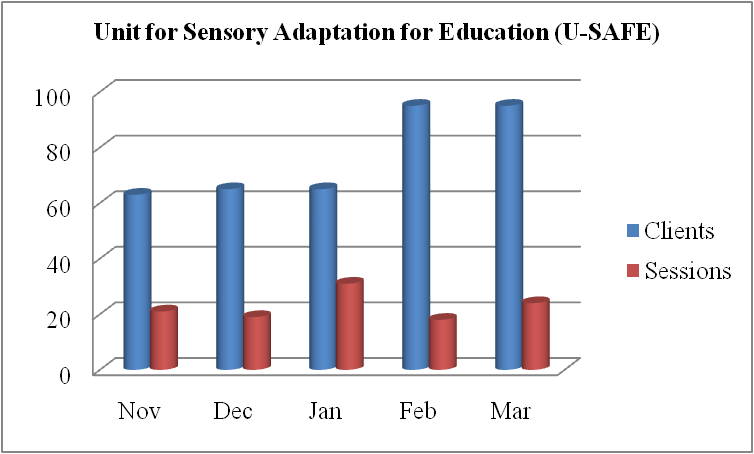
In May 2018– Summer camp was conducted for 100 children In 80 sessions

1. **Curricular Support Services (CSS) / Individualized Education Program (IEP)/ Demonstration Education Therapy (DET) and Non formal Education Program (NFE):** CSS and IEP are offered to children with communication disorders who are mainstreamed but have certain difficulties in coping with academics.NFE is offered to children with communication disorders who are either out of school or unable to cope with the regular school curriculum. DET is provided for children who are unable to avail services for longer duration.

|  |  |  |
| --- | --- | --- |
| **Type of Service** | **Number of Children with Special Needs** | **Number of Sessions** |
| CSS | 33 | 1623 |
| IEP | 16 | 837 |
| DET / NFE | 80 | 214 |

1. **Unit for Sensory Adaptation for Education (U-SAFE):** To cater to the sensory issues of young children with special needs, unit was re-started since November, 2018.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.No. | Nov | Dec | Jan | Feb | Mar |
| Clients | 63 | 65 | 65 | 95 | 95 |
| Sessions | 21 | 19 | 31 | 18 | 24 |

****

1. **Special Use of Music for Educational Readiness and Upbuilding (SUMERU):** SUMERU aims; for holistic development of children with various communication disorders and to develop curriculum for educational intervention through music. Unit was started since October, 2018.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.No. | Oct | Nov | Dec | Jan | Feb | Mar |
| Clients | 72 | 30 | 16 | 16 | 15 | 15 |
| Sessions | 12 | 06 | 24 | 24 | 24 | 24 |

**Speech-Language Group Therapy**

Speech and Language Group Therapy was re-started in the department of special education since February, 2019

|  |  |  |  |
| --- | --- | --- | --- |
| **Details of Speech-Language Group Therapy Sessions** | | | |
| **Months** | **Total Groups** | **No. of Children** | **Sessions** |
| February- 2019 | 39 | 280 | 494 |
| March-2019 | 37 | 217 | 494 |

1. **Clinical/ Educational Support Services to Parents and Family**
2. **Counselling and guidance**

|  |  |
| --- | --- |
| **No. of Clients** | **Sessions** |
| 2141 | 1093 |

1. **Certificates Issued:** A total of 22 bonafide certificates were issued in the year 2018 -19. Among them, 11 certificates were for children with hearing impairment, 5 certificates were for children with intellectual deficit and 6 were for multiple disabilities and autism. The certificates were issued for various purposes like availing Adhaar card, scholarship, mainstream education for the caregivers and job related of the caregiver etc.
2. **Financial Aid –** NIL
3. **Legal advice –** NIL
4. **Any other (Please Specify):**
   * + 1. **Support services for Empowering Caregivers**
5. **Caregivers Literacy Training Unit (CLTU):** CLTUAims to impart basic literacy to parents/caregivers of children with special needs
6. **Caregivers Computer Training Program (CCTP):** CCTPCreating awareness among parents/ caregivers regarding the use of computer in teaching children with special needs. Empowering parents/ caregivers in basic computer skills like MS-office, internet, e- mail, creating teaching learning materials, accessing websites related to disability etc.
7. **Caregivers Yoga Training Program (CYTP):**

|  |  |  |
| --- | --- | --- |
| **Type of Service** | **Number of Children with Special Needs** | **Number of Sessions** |
| CLTU | **48** | **112** |
| CCTP | **95** | **150** |
| CYTP | **50** | **24** |

* + - 1. **Resource Room Services: - Library of Books and Toys (LiBoToy):** A library of books and toys which is to promote the use of scientifically oriented TLM for anytime anywhere learning by children with special needs and their caregivers. Rs. 50 is collected as annual fees to avail the facility.

Number of members enrolled: 235

Income Generated: 235 \* Rs.50 = Rs.11,750/-

* + - 1. **Parent Enrichment Programs (PEP): 06** - This program aims to enrich knowledge by empowering and motivating the caregivers of CWSN by experts from various fields.

**Coordinator:** Ms. Latha C., Ms. Leena C.C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Theme/Topic** | **Resource person** | **Number of beneficiaries** | **Date** |
|  | Speech Stimulation | Ms. Prathima .S and  Mr. Reuben T. Varghese | 114 | 13.04.2018 |
|  | * Hearing Aid Trouble Shooting * Guidance for Mainstreaming children with communication Disorder * Welfare measures for children with Communication disorders | Dr. Ajish K Abraham  Dr. G. Malar  Mr. Gururaj D | 55 | 20.04.2018 |
|  | Orientation on Preschool Services for all parents | Special Educators | 300 | 19.07.2018 |
|  | Trouble shooting of hearing Aids | Ms. C. Renuka | 57 | 19.09.2018 |
|  | Orientation on dental care | Dr. Prathiba Garla  Dr. Bharath Kumar Garla | 96 | 27.11.2018 |
|  | Cochlear Implants’ | Dr. P.Manjula | 79 | 19.02.2019 |

* + - 1. **Parents Help Parents Program (PHPP):** 04 - This program aims to provide moral support and boost, the confidence and motivation of the parents of CWSN. In this program, parents of successfully rehabilitated child with special needs will be sharing their experience and interacting with parents.

**Coordinator:** Ms. Latha C., Ms. Leena C .C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S No.** | **Date** | **Resource person** | **Beneficiaries** | **Photo** |
| 1 | 27.06.2018 | Ms. Meera Ravishankar Mother of Vinay (ID) | 69 Parents of children with various communication disorders | C:\Users\User\Pictures\Picasa\Collages\PHPP.jpg |
| 2 | 30.10.2018 | Mr. G. Raja Purushothaman father of Ms. Apoorva(HI) | 66 Parents of children with various communication disorders | C:\Users\User\Pictures\Picasa\Collages\PHPP3.jpg |
| 3 | 11.01.2019 | Mrs. Suma B.S, Mother of Ms. Spoorthi.B.S, (HI) | 71 Parents of children with various communication disorders | C:\Users\User\Desktop\PHPP 11.01.2019\Photos\Photos2.jpg |
| 4 | 18.03.2019 | Dr. Sheela Shridhar mother of Mr. Shubhang Sharma | 160 Parents of children with various communication disorders | C:\Users\Administrator\Pictures\Picasa\Collages\Photos.jpg |

**Cli.Psy**

1. **CLINICAL SERVICES**
2. General Clinical Services

Clinical services made available to patients from the department are:

* Routine Psycho-Diagnostic Assessment for Screening and Identification
* Detailed Psychological Assessment (including specialized assessment such  
  as assessment for Learning Disability, neuro-psychological assessment, assessment for disability certification, behavioral assessment and assessment for skill training
* Psychological Intervention (including behavior modification programs, home based skill training programs, cognitive-behaviour and group intervention programs for caregivers)

1. **Psychological Evaluation**

**Table 1: Overview of cases seen in** Routine Psycho-Diagnostic Assessment

|  |  |  |
| --- | --- | --- |
| Sl. No. | Particulars | No. Cases |
| 1. | New cases | 5370 |
| 2. | Old cases | 1398 |
| 3. | Total no. Hindi cases-216 includes |  |
| **Total cases seen** | | **6768** |

**Table 2:** Routine Psycho-Diagnostic Assessment **were carried out**

|  |  |  |
| --- | --- | --- |
| Classification of disorders according to the criteria included in Chapter V (F) of ICD-10 | | |
| F 70# | Mental retardation | 1656 |
| F 80.0 | Specific speech articulation disorder | 290 |
| F 80.1 | **Expressive language disorder** | 503 |
| F 80.2 | **Receptive language disorder** | 281 |
| F 88# | **Other disorders of psychological development** | 396 |
| F81# | **Specific developmental disorders of scholastic skills** | 980 |
| F 84# | **Pervasive developmental disorders** | 48 |
| F 98.5 | **Stuttering (stammering)** | 448 |
| F 44.4 | **Dissociative motor disorders** | 12 |
| F00-F99 | Other disorders included in Chapter V (F) of ICD-10 | 442 |
| *The code # refers to "condensed" codes (Ref ICD-IO PC )*  Classification according to the criteria included in Chapter XVIII (R) of ICD 10 | | |
| R 47.0 | Dysphasia and aphasia | 39 |
| R 41.83 | Borderline Intellectual Functioning | 958 |
|  | | |
| Avg. Intelligence with disorders classified elsewhere | | 715 |
| **TOTAL** | | **6768** |

**Table 3: Detailed Psychological Assessment**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Particulars | No. of  Cases | No. of  Sessions |
| 1 | Intelligence/ Developmental | 315 | 486 |
| 2 | Psycho-educational | 839 | 1882 |
| 3 | Neuropsychological | 10 | 76 |
| 4 | Personality | 2 | 2 |
| 5 | Behavioural | 38 | 109 |
| 6 | Forensic | 2 | 25 |
| **Total** | | **1206** | **2580** |

**Table 4: Psychological Intervention**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Particulars | No. of  Cases | No. of  Sessions |
| 1. | Behaviour Modification | 135 | 215 |
| 3. | Cognitive behaviour therapy | 13 | 35 |
| 4. | Neuro-psychological Rehab | 4 | 14 |
| 5. | Motor Disorder | 12 | 34 |
| **Total** | | **164** | **298** |

1. **Specialized Clinical Services - NIL**
2. **Clinical Support Services to Patients and Family**
3. Counselling and Guidance – Parents counselled and session spent –**6768**
4. **Details of Certificates Issued**

**Benefits and concessions:** All eligible and deserving cases were issued appropriate certificates stating the nature and extent of their disability. The various concessions and social/economic benefits including certificates for financial assistance, travel concessions, income tax rebates, special school admissions, exemptions from second language study in school, L.I.C/U.T.I schemes etc. Psychological reports were issued on request from professional peers for academic and administrative purposes. Reports were provided for medico-legal cases and expert opinion was provided during court proceedings.

**Table 1: Benefits and concessions provided to cases from Psycho-diagnostics**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Particulars of case** | **Total. No.** |
| 1. | Certificates for individuals with Mental Retardation | 592 |
| 2. | Railway travel concession certificates | 158 |
| 3. | Income Tax exemption certificates | 31 |
| 4. | Psychology Report | 1088 |
| **Total** | | **1869** |

**Audiology**

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

1. **General Clinical services**
2. **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 | Apr. | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Total |
| Clients seen in OPD | 1302 | 1430 | 1360 | 00 | 1398 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 5490 |
| Clients evaluated for in JC Block | 1192 | 1045 | 1398 | 1235 | 865 | 1144 | 981 | 922 | 1208 | 1236 | 1243 | 1056 | 13525 |
| Client seen in camp | 00 | 00 | 0 | 140 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 140 |
| Ears with diff degrees of HL | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Normal hearing | 139 | 203 | 295 | 230 | 198 | 281 | 230 | 187 | 239 | 302 | 112 | 200 | 2616 |
| Minimal | 100 | 85 | 128 | 67 | 55 | 93 | 80 | 79 | 116 | 82 | 92 | 91 | 1068 |
| Mild | 96 | 91 | 139 | 99 | 59 | 94 | 91 | 81 | 105 | 86 | 91 | 83 | 1115 |
| ·  Moderate | 104 | 96 | 134 | 98 | 67 | 85 | 88 | 85 | 96 | 80 | 75 | 104 | 1112 |
| ·  Moderately severe | 64 | 63 | 97 | 89 | 64 | 77 | 65 | 54 | 80 | 69 | 95 | 72 | 889 |
| ·  Severe | 88 | 63 | 102 | 121 | 50 | 54 | 47 | 58 | 55 | 66 | 135 | 64 | 903 |
| ·  Profound | 140 | 132 | 209 | 170 | 113 | 71 | 80 | 92 | 108 | 173 | 01 | 142 | 1431 |
| . Minimal to mild | 00 | 01 | 01 | 00 | 03 | 01 | 01 | 00 | 04 | 03 | 06 | 04 | 24 |
| . Mild to moderate | 03 | 07 | 09 | 15 | 11 | 01 | 04 | 05 | 06 | 01 | 15 | 07 | 84 |
| . Mod.to modtly severe | 00 | 10 | 10 | 08 | 01 | 03 | 04 | 05 | 07 | 01 | 09 | 10 | 68 |
| . Modtly severe to sev. | 07 | 04 | 10 | 13 | 06 | 04 | 00 | 07 | 11 | 04 | 25 | 15 | 106 |
| . Severe to profound | 27 | 07 | 31 | 18 | 15 | 22 | 10 | 05 | 27 | 17 | 01 | 18 | 198 |
| . Moderate to severe | 00 | 01 | 01 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 100 | 00 | 102 |
| . Sloping | 75 | 75 | 70 | 83 | 53 | 70 | 64 | 83 | 80 | 107 | 239 | 106 | 1105 |
| Ears tested having | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| . Conductive hearing | 277 | 219 | 316 | 236 | 170 | 232 | 211 | 208 | 267 | 247 | 214 | 192 | 2789 |
| . Mixed hearing loss | 360 | 338 | 453 | 414 | 306 | 364 | 305 | 260 | 362 | 317 | 336 | 262 | 4077 |
| . SN hearing loss | 640 | 292 | 701 | 635 | 399 | 521 | 549 | 505 | 610 | 629 | 623 | 597 | 6701 |
| Clients with unil HL | 151 | 112 | 149 | 119 | 75 | 126 | 128 | 103 | 149 | 125 | 111 | 119 | 1467 |
| Clients with bil HL | 932 | 810 | 1088 | 977 | 668 | 839 | 738 | 678 | 910 | 916 | 968 | 820 | 10344 |
| Ears with Aud. Dys-synchrony | 08 | 10 | 09 | 11 | 03 | 12 | 10 | 04 | 10 | 08 | 08 | 09 | 102 |
| Clients with APD | 02 | 02 | 02 | 01 | 00 | 01 | 01 | 00 | 01 | 03 | 02 | 00 | 15 |
| Clients with Funl HL | 11 | 08 | 12 | 07 | 09 | 08 | 08 | 03 | 21 | 09 | 13 | 16 | 125 |
| Clients - tinnitus evaln | 31 | 11 | 20 | 26 | 15 | 25 | 27 | 20 | 21 | 18 | 25 | 16 | 255 |
| Clients for PTA | 1161 | 1009 | 1348 | 1180 | 829 | 1087 | 942 | 857 | 1134 | 1185 | 1183 | 1000 | 12915 |
| Clients for Sp.Aud | 1161 | 1005 | 1346 | 1189 | 828 | 1080 | 940 | 854 | 1130 | 1189 | 1195 | 1007 | 12924 |
| Clients for Immitt. evln | 1187 | 1006 | 1341 | 1194 | 831 | 1099 | 940 | 872 | 1166 | 1197 | 1206 | 1023 | 13062 |
| Clients for OAE | 353 | 280 | 445 | 404 | 287 | 404 | 379 | 319 | 444 | 460 | 426 | 314 | 4515 |
| Clients for ABR | 332 | 247 | 375 | 356 | 231 | 312 | 221 | 214 | 313 | 305 | 347 | 267 | 3520 |
| Clients for VEMP | 00 | 00 | 00 | 01 | 09 | 10 | 04 | 00 | 04 | 16 | 49 | 38 | 131 |
| Clients for VHIT | 00 | 00 | 00 | 01 | 00 | 03 | 00 | 00 | 01 | 05 | 16 | 17 | 43 |
| Clients for BOA | 47 | 25 | 43 | 39 | 23 | 47 | 29 | 33 | 63 | 36 | 42 | 35 | 462 |
| Clients for VRA | 12 | 07 | 08 | 08 | 06 | 10 | 09 | 07 | 06 | 16 | 18 | 34 | 141 |
| Clients for LLR | 1 | 00 | 01 | 01 | 00 | 02 | 00 | 00 | 02 | 00 | 00 | 01 | 8 |

**Hearing evaluation - age wise statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hearing Evaluation-Males** | | | | | | | | | | | | | |
| Age | Apr. 18 | May | June | July | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. 19 | Feb | Mar | Total |
| 0-1 | 11 | 12 | 16 | 10 | 08 | 09 | 04 | 13 | 19 | 14 | 11 | 09 |  |
| 2-5 | 97 | 66 | 64 | 78 | 64 | 82 | 67 | 47 | 85 | 66 | 87 | 63 |  |
| 6-10 | 43 | 46 | 51 | 41 | 43 | 52 | 38 | 31 | 44 | 39 | 55 | 32 |  |
| 11-15 | 28 | 47 | 69 | 43 | 32 | 31 | 25 | 23 | 30 | 42 | 18 | 19 |  |
| 16-20 | 37 | 29 | 54 | 46 | 38 | 31 | 22 | 28 | 28 | 24 | 25 | 34 |  |
| 21-25 | 48 | 21 | 52 | 40 | 19 | 39 | 21 | 23 | 28 | 31 | 42 | 37 |  |
| 26-30 | 37 | 31 | 47 | 30 | 27 | 29 | 35 | 23 | 36 | 39 | 38 | 45 |  |
| 31-35 | 37 | 30 | 35 | 40 | 21 | 36 | 29 | 31 | 32 | 46 | 42 | 45 |  |
| 36-40 | 33 | 22 | 54 | 32 | 19 | 30 | 29 | 21 | 43 | 29 | 37 | 29 |  |
| 41-45 | 35 | 31 | 32 | 35 | 34 | 25 | 36 | 27 | 43 | 32 | 45 | 37 |  |
| 46-50 | 34 | 31 | 40 | 40 | 23 | 41 | 22 | 33 | 37 | 42 | 40 | 34 |  |
| 51-55 | 44 | 44 | 45 | 45 | 22 | 43 | 34 | 30 | 46 | 51 | 38 | 38 |  |
| 56-60 | 10 | 30 | 58 | 59 | 27 | 52 | 29 | 34 | 37 | 58 | 30 | 44 |  |
| 61-65 | 60 | 44 | 66 | 48 | 46 | 45 | 48 | 44 | 52 | 46 | 59 | 39 |  |
| 66-70 | 55 | 42 | 52 | 60 | 49 | 69 | 51 | 47 | 60 | 56 | 54 | 59 |  |
| 71-75 | 45 | 39 | 50 | 46 | 38 | 47 | 39 | 26 | 50 | 59 | 48 | 43 |  |
| 76-80 | 25 | 31 | 28 | 33 | 24 | 23 | 26 | 38 | 47 | 36 | 38 | 23 |  |
| 81-85 | 16 | 11 | 15 | 19 | 15 | 13 | 17 | 13 | 16 | 14 | 16 | 23 |  |
| 86-90 | 6 | 03 | 06 | 12 | 02 | 07 | 07 | 6 | 03 | 09 | 05 | 04 |  |
| 91+ | 3 | 01 | 00 | 04 | 01 | 03 | 04 | 5 | 05 | 01 | 01 | 03 |  |
| Total |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | | | |  |  |  |  |  |  |  |
| **Hearing Evaluation - Females** | | | | | | | | | | | | | |
| Age | Apr | May | June | July | Aug | Sept. | Oct. | Nov | Dec | Jan. 19 | Feb. | Mar. | Total |
| 0-1 | 10 | 09 | 06 | 05 | 03 | 06 | 04 | 12 | 15 | 09 | 12 | 10 |  |
| 2-5 | 68 | 39 | 53 | 51 | 40 | 61 | 44 | 31 | 65 | 65 | 66 | 60 |  |
| 6-10 | 36 | 27 | 30 | 32 | 23 | 26 | 29 | 18 | 26 | 31 | 62 | 20 |  |
| 11-15 | 12 | 28 | 25 | 31 | 21 | 15 | 19 | 8 | 19 | 49 | 21 | 11 |  |
| 16-20 | 17 | 18 | 47 | 35 | 25 | 11 | 20 | 13 | 11 | 16 | 24 | 18 |  |
| 21-25 | 23 | 13 | 23 | 21 | 09 | 21 | 21 | 23 | 19 | 17 | 30 | 18 |  |
| 26-30 | 36 | 29 | 45 | 24 | 23 | 21 | 20 | 23 | 27 | 35 | 27 | 22 |  |
| 31-35 | 27 | 24 | 36 | 25 | 13 | 23 | 20 | 22 | 30 | 22 | 26 | 09 |  |
| 36-40 | 39 | 35 | 48 | 33 | 24 | 32 | 20 | 27 | 36 | 33 | 33 | 29 |  |
| 41-45 | 26 | 28 | 33 | 29 | 19 | 25 | 30 | 16 | 32 | 28 | 24 | 32 |  |
| 46-50 | 29 | 24 | 32 | 24 | 19 | 33 | 27 | 52 | 39 | 28 | 33 | 20 |  |
| 51-55 | 28 | 34 | 37 | 25 | 09 | 27 | 26 | 21 | 23 | 33 | 42 | 24 |  |
| 56-60 | 34 | 26 | 38 | 37 | 24 | 36 | 28 | 39 | 34 | 39 | 33 | 32 |  |
| 61-65 | 31 | 19 | 34 | 36 | 22 | 33 | 28 | 21 | 35 | 33 | 38 | 24 |  |
| 66-70 | 32 | 32 | 34 | 24 | 19 | 26 | 16 | 21 | 23 | 23 | 29 | 26 |  |
| 71-75 | 21 | 32 | 22 | 21 | 10 | 24 | 29 | 5 | 17 | 20 | 17 | 19 |  |
| 76-80 | 13 | 08 | 15 | 10 | 05 | 11 | 09 | 5 | 10 | 15 | 11 | 13 |  |
| 81-85 | 04 | 06 | 05 | 09 | 05 | 06 | 06 | 1 | 05 | 04 | 05 | 06 |  |
| 86-90 | 01 | 02 | 01 | 02 | 00 | 0 | 02 | 1 | 01 | 01 | 01 | 03 |  |
| 91+ | 01 | 01 | 00 | 00 | 00 | 0 | 00 | 0 | 00 | 01 | 00 | 00 | 0 |
| **Total** | **488** | **434** | **564** | **474** | **313** | **437** | **398** | **359** | **467** | **502** | **534** | **396** | **5366** |

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 | Apr.18 | May | Jun | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Jan.19 | Feb. | Mar | Total |
| No. of clients seen for HAT | 601 | 518 | 628 | 620 | 472 | 623 | 542 | 510 | 587 | 537 | 539 | 491 | 6668 |
| HAs prescribed at AIISH | 495 | 417 | 534 | 500 | 421 | 462 | 403 | 412 | 462 | 408 | 381 | 396 | 5291 |
| . Body level hearing aids | 48 | 61 | 56 | 28 | 37 | 39 | 37 | 33 | 33 | 39 | 30 | 18 | 459 |
| ·    Analogue BTE | 9 | 00 | 00 | 16 | 38 | 00 | 00 | 56 | 61 | 64 | 14 | 00 | 258 |
| ·    Digital BTE | 378 | 294 | 395 | 385 | 291 | 376 | 296 | 276 | 319 | 244 | 287 | 317 | 3858 |
| ·    Trimmer Digital BTE | 0 | 02 | 00 | 02 | 00 | 00 | 02 | 00 | 00 | 00 | 03 | 02 | 11 |
| . Mini BTE | 13 | 06 | 11 | 14 | 11 | 06 | 02 | 03 | 00 | 00 | 00 | 00 | 66 |
| ·    Digital ITE | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| ·    Digital ITC | 3 | 00 | 04 | 04 | 02 | 04 | 04 | 02 | 02 | 01 | 02 | 01 | 29 |
| ·    Digital CIC | 1 | 07 | 07 | 02 | 00 | 07 | 07 | 01 | 04 | 04 | 04 | 02 | 46 |
| . Digital RIC | 41 | 47 | 61 | 49 | 41 | 30 | 60 | 38 | 40 | 54 | 41 | 56 | 558 |
| Testing for CI candidacy | 3 | 04 | 02 | 08 | 02 | 02 | 02 | 03 | 07 | 01 | 01 | 02 | 37 |
| No. of clients recommended |  | | | | | | | | | | | | |
| Auditory training | 82 | 65 | 109 | 149 | 126 | 116 | 117 | 100 | 102 | 104 | 94 | 88 | 1252 |
| Speechreading | 7 | 04 | 06 | 07 | 10 | 05 | 04 | 07 | 03 | 08 | 11 | 06 | 78 |
| HA prescribed on exchange | 0 | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 00 | 3 |
| Unaided/aided audiograms | 89 | 90 | 121 | 107 | 74 | 78 | 87 | 69 | 75 | 92 | 94 | 85 | 1061 |
| Aided audiogram for CI | 20 | 22 | 25 | 27 | 15 | 17 | 04 | 16 | 10 | 20 | 13 | 15 | 204 |
| BOA | 5 | 11 | 18 | 09 | 06 | 14 | 11 | 08 | 02 | 01 | 09 | 05 | 99 |
| Aided VRA | 8 | 06 | 08 | 10 | 06 | 09 | 08 | 08 | 02 | 03 | 12 | 16 | 96 |
| Conditioning | 115 | 108 | 129 | 134 | 104 | 111 | 93 | 79 | 82 | 96 | 94 | 82 | 1227 |
| Programming of digital HA | 263 | 226 | 316 | 301 | 237 | 283 | 224 | 230 | 289 | 239 | 251 | 235 | 3094 |
| Reprogramming of HA | 00 | 00 | 0 | 129 | 94 | 130 | 109 | 104 | 127 | 88 | 110 | 126 | 1017 |
| No. of IGO done | 0 | 104 | 121 | 00 | 01 | 00 | 00 | 00 | 0 | 00 | 00 | 00 | 226 |
| EAC of hearing aids done | 5 | 00 | 00 | 06 | 05 | 10 | 06 | 10 | 04 | 07 | 02 | 01 | 56 |
| Retrial with CEM | 69 | 13 | 12 | 41 | 30 | 27 | 27 | 29 | 21 | 43 | 45 | 24 | 381 |
| Recommended for ear plugs | 2 | 46 | 74 | 01 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 00 | 124 |
| Unaided & aided LLR done | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| Rec. for CI candidacy | 11 | 00 | 00 | 13 | 08 | 14 | 14 | 15 | 10 | 08 | 14 | 06 | 113 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 26312 |

**Age wise statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | | | |  |  |  |  |  |  |
| **Hearing Aid Trial-Males** | | | | | | | | | | | | | |  |
| **Age** | **Apr.18** | **May** | **June** | **July** | **Aug.** | **Sep.** | **Oct.** | **Nov.** | **Dec.** | **Jan. 19** | **Feb.** | **Mar.** | **Total** |
| 0-1 | 2 | 02 | 06 | 06 | 02 | 04 | 1 | 4 | 00 | 00 | 00 | 01 | **28** |
| 2-5 | 91 | 73 | 87 | 87 | 62 | 63 | 75 | 66 | 65 | 67 | 61 | 52 | **849** |
| 6-10 | 26 | 32 | 37 | 37 | 44 | 27 | 25 | 24 | 28 | 27 | 23 | 15 | **345** |
| 11-15 | 14 | 25 | 27 | 27 | 24 | 16 | 13 | 12 | 08 | 14 | 07 | 04 | **191** |
| 16-20 | 9 | 12 | 06 | 06 | 07 | 06 | 02 | 7 | 11 | 03 | 03 | 05 | **77** |
| 21-25 | 8 | 04 | 09 | 09 | 08 | 05 | 02 | 4 | 04 | 07 | 05 | 04 | **69** |
| 26-30 | 4 | 02 | 05 | 05 | 04 | 04 | 06 | 2 | 04 | 02 | 02 | 05 | **45** |
| 31-35 | 8 | 03 | 04 | 04 | 03 | 05 | 01 | 4 | 04 | 03 | 06 | 09 | **54** |
| 36-40 | 2 | 01 | 07 | 07 | 01 | 04 | 04 | 3 | 04 | 02 | 03 | 03 | **41** |
| 41-45 | 7 | 09 | 05 | 05 | 05 | 13 | 05 | 6 | 09 | 09 | 10 | 09 | **92** |
| 46-50 | 20 | 04 | 08 | 08 | 07 | 08 | 05 | 8 | 05 | 07 | 05 | 08 | **93** |
| 51-55 | 12 | 14 | 19 | 19 | 07 | 34 | 16 | 15 | 17 | 22 | 20 | 16 | **211** |
| 56-60 | 24 | 17 | 29 | 29 | 13 | 32 | 15 | 18 | 23 | 31 | 13 | 23 | **267** |
| 61-65 | 38 | 37 | 29 | 29 | 23 | 40 | 38 | 29 | 43 | 27 | 39 | 23 | **395** |
| 66-70 | 40 | 32 | 28 | 28 | 30 | 50 | 43 | 27 | 45 | 34 | 42 | 41 | **440** |
| 71-75 | 28 | 28 | 32 | 32 | 38 | 41 | 49 | 29 | 48 | 44 | 35 | 34 | **438** |
| 76-80 | 18 | 20 | 26 | 26 | 25 | 35 | 27 | 37 | 52 | 40 | 33 | 32 | **371** |
| 81-85 | 12 | 08 | 18 | 18 | 16 | 15 | 18 | 11 | 15 | 09 | 10 | 14 | **164** |
| 86-90 | 9 | 04 | 04 | 04 | 03 | 05 | 06 | 9 | 07 | 10 | 06 | 03 | **70** |
| 91+ | 0 | 00 | 02 | 02 | 00 | 02 | 05 | 3 | 04 | 01 | 00 | 03 | **22** |
| **Total** | **372** | **327** | **388** | **388** |  | **409** | **356** | **318** | **396** | **359** | **323** | **304** | **4262** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hearing Aid Trial-Females** | | | | | | | | | | | | | |
| **Age** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 1 | 02 | 02 | 01 | 01 | 01 | 01 | 1 | 01 | 00 | 01 | 00 | **12** |
| 2-5 | 63 | 44 | 54 | 67 | 48 | 51 | 44 | 57 | 47 | 39 | 53 | 31 | **598** |
| 6-10 | 32 | 26 | 30 | 34 | 17 | 22 | 22 | 20 | 16 | 17 | 19 | 15 | **270** |
| 11-15 | 7 | 10 | 14 | 17 | 07 | 08 | 10 | 9 | 07 | 07 | 04 | 04 | **104** |
| 16-20 | 2 | 05 | 14 | 07 | 05 | 02 | 03 | 3 | 02 | 03 | 05 | 01 | **52** |
| 21-25 | 1 | 04 | 04 | 04 | 00 | 05 | 03 | 1 | 01 | 04 | 06 | 04 | **37** |
| 26-30 | 7 | 04 | 02 | 02 | 00 | 01 | 02 | 0 | 02 | 01 | 01 | 07 | **29** |
| 31-35 | 5 | 04 | 02 | 00 | 03 | 01 | 02 | 2 | 00 | 02 | 02 | 01 | **24** |
| 36-40 | 4 | 09 | 09 | 03 | 01 | 02 | 04 | 3 | 07 | 03 | 03 | 04 | **52** |
| 41-45 | 7 | 04 | 05 | 03 | 04 | 04 | 01 | 2 | 06 | 06 | 05 | 03 | **50** |
| 46-50 | 8 | 05 | 05 | 03 | 03 | 04 | 04 | 3 | 07 | 08 | 08 | 07 | **65** |
| 51-55 | 11 | 09 | 13 | 11 | 02 | 09 | 07 | 10 | 18 | 16 | 11 | 15 | **132** |
| 56-60 | 10 | 10 | 21 | 13 | 12 | 16 | 19 | 16 | 11 | 12 | 12 | 19 | **171** |
| 61-65 | 14 | 11 | 11 | 16 | 14 | 24 | 16 | 12 | 21 | 11 | 20 | 20 | **190** |
| 66-70 | 17 | 20 | 16 | 15 | 12 | 21 | 15 | 18 | 14 | 17 | 28 | 24 | **217** |
| 71-75 | 20 | 15 | 13 | 18 | 10 | 26 | 21 | 17 | 15 | 15 | 18 | 14 | **202** |
| 76-80 | 13 | 05 | 16 | 11 | 05 | 11 | 06 | 9 | 09 | 09 | 15 | 15 | **124** |
| 81-85 | 5 | 04 | 08 | 06 | 07 | 05 | 05 | 8 | 06 | 04 | 04 | 02 | **64** |
| 86-90 | 2 | 00 | 01 | 01 | 00 | 01 | 01 | 1 | 1 | 03 | 00 | 01 | **12** |
| 91+ | 0 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 00 | 01 | 01 | 00 | **2** |
| **Total** | **229** | **191** | **240** | **232** | **151** | **214** | **186** | **192** | **191** | **178** | **216** | **187** | **2407** |

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 | | Apr | | May | | | Jun | | Jul | | Aug | | Sep | | Oct | | Nov | | Dec | | Jan | | Feb | | Mar | | Total |
| **Clients attended** | | 445 | | 649 | | | 610 | | 512 | | 416 | | 481 | | 551 | | 328 | | 241 | | 375 | | 452 | | 415 | | 5475 |
| New clients | | 145 | | 199 | | | 240 | | 215 | | 142 | | 221 | | 175 | | 120 | | 90 | | 155 | | 181 | | 160 | | 2043 |
| Old clients | | 300 | | 450 | | | 370 | | 381 | | 274 | | 260 | | 376 | | 208 | | 151 | | 220 | | 271 | | 255 | | 3516 |
| At Camp | | 00 | | 00 | | | 00 | | 67 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 73 | | 00 | | 140 |
| **Ear impressions taken** | | 706 | | 1121 | | | 1035 | | 1024 | | 669 | | 701 | | 338 | | 00 | | 00 | | 00 | | 00 | | 00 | | 5256 |
| Free-of-cost | | 229 | | 361 | | | 338 | | 325 | | 218 | | 178 | | 578 | | 145 | | 89 | | 217 | | 00 | | 171 | | 2849 |
| 100% payment | | 475 | | 759 | | | 697 | | 629 | | 451 | | 523 | | 0 | | 381 | | 248 | | 419 | | 610 | | 521 | | 5713 |
| Ear imprn taken-camp | | 0 | | 0 | | | 0 | | 70 | | 0 | | 0 | | 0 | | 0 | | 0 | | 00 | | 146 | | 0 | | 216 |
| CPL impressions | | 2 | | 1 | | | 0 | | 0l | | 0 | | 0 | | 338 | | 2 | | 0 | | 00 | | 00 | | 0 | | 340 |
| EMs completed | | 710 | | 1000 | | | 1100 | | 1009 | | 652 | | 689 | | 908 | | 523 | | 329 | | 600 | | 200 | | 300 | | 8020 |
| No. Mould Lacquered | | 161 | | 289 | | | 241 | | 254 | | 149 | | 0 | | 251 | | 96 | | 62 | | 82 | | 55 | | 140 | | 1780 |
| No. of sound tube issued | | 132 | | 191 | | | 151 | | 156 | | 0 | | 51 | | 130 | | 510 | |  | | 103 | | 115 | | 159 | | 1698 |
| Hard regular moulds | | 32 | | 72 | | | 87 | | 61 | | 41 | | 6 | | 69 | | 45 | | 54 | | 68 | | 82 | | 25 | | 642 |
| Hard shell mould made | | 7 | | 9 | | | 4 | | 02 | | 1 | | 390 | | 8 | | 0 | | 5 | | 07 | | 00 | | 03 | | 436 |
| Soft mould made | | 344 | | 518 | | | 519 | | 451 | | 331 | | 0 | | 420 | | 290 | | 163 | | 345 | | 488 | | 343 | | 4212 |
| Hard canal moulds | | 0 | | 0 | | | 0 | | 0 | | 0 | | 1 | | 0 | | 0 | | 0 | | 00 | | 00 | | 00 | | 1 |
| Soft canal moulds | | 0 | | 5 | | | 7 | | 6 | | 4 | | 4 | | 10 | | 3 | | 9 | | 05 | | 01 | | 04 | | 58 |
| Instant moulds | |  | | 4 | | | 4 | | 2 | | 1 | | 12 | | 4 | | 0 | | 1 | | 02 | | 00 | | 00 | | 30 |
| ITC impression made | | 2 | | 22 | | | 8 | | 10 | | 7 | | 7 | | 4 | | 3 | | 9 | | 12 | | 06 | | 09 | | 99 |
| Swimmer plug (soft) | | 14 | |  | | | 10 | | 5 | | 4 | | 0 | | 6 | | 15 | | 9 | | 02 | | 03 | | 03 | | 71 |
| Swimmer plug (hard) | | 0 | | 7 | | | 0 | | 0 | | 0 | | 7 | | 0 | | 0 | | 0 | | 00 | | 00 | | 00 | | 14 |
| No. of ear blocked | | 8 | | 0 | | | 4 | | 7 | | 8 | | 112 | | 14 | | 4 | | 0 | | 09 | | 06 | | 06 | | 178 |
| EMs with aco. modificns. | | 0 | | 3 | | | 0 | | 0 | | 1 | | 110 | | 251 | | 69 | | 61 | | 61 | | 115 | | 00 | | 671 |
| CPL moulds completed | | 2 | | 0 | | | 00 | | 0 | | 0 | | 1 | | 0 | | 1 | | 0 | | 00 | | 01 | | 00 | | 5 |
| No. of students posted | | 00 | | 00 | | | 00 | | 00 | | 30 | | 09 | | 35 | | 21 | | 00 | | 00 | | 39 | | 41 | | 175 |
| **State wise statistics** | | 00 | | 00 | | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 | | 00 |
| a) Andhra Pradesh | | 0 | | 0 | | | 3 | | 0 | | 4 | | 9 | | 0 | | 1 | | 4 | | 05 | | 15 | | 00 | | 41 |
| b) Karnataka | | 371 | | 617 | | | 544 | | 484 | | 381 | | 382 | | 504 | | 271 | | 303 | | 303 | | 317 | | 396 | | 4873 |
| c) Kerala | | 52 | | 27 | | | 34 | | 81 | | 18 | | 55 | | 25 | | 47 | | 50 | | 45 | | 50 | | 18 | | 502 |
| d) Tamil Nadu | | 13 | | 5 | | | 18 | | 12 | | 7 | | 20 | | 20 | | 7 | | 6 | | 04 | | 51 | | 01 | | 164 |
| e) Telangana | | 0 | | 0 | | | 0 | | 0 | | 1 | | 2 | | 0 | | 1 | | 0 | | 00 | | 03 | | 00 | | 7 |
| f)  Others | | 10 | | 0 | | | 11 | |  | | 5 | | 13 | | 2 | | 1 | | 10 | | 09 | | 16 | | 00 | | 96 |
|  |  | | **Age-Wise statistics** | | | | | | | | | | | | | | | | | | | | |
|  |  | |  | |  |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| **Ear moulds-Males** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Age | Apr. | | May | | Jun | July | | Aug | | Sept. | | Oct. | | Nov. | | Dec. | | Jan. | | Feb | | Mar | | Total | |
| 0-1 | 11 | | 07 | | 07 | 08 | | 06 | | 12 | | 09 | | 02 | | 02 | | 03 | | 08 | | 04 | | **115** | |
| 2-5 | 57 | | 74 | | 28 | 77 | | 67 | | 65 | | 82 | | 38 | | 15 | | 56 | | 92 | | 57 | | **705** | |
| 6-10 | 48 | | 99 | | 45 | 56 | | 45 | | 37 | | 63 | | 24 | | 11 | | 40 | | 42 | | 30 | | **462** | |
| 11-15 | 10 | | 48 | | 15 | 40 | | 21 | | 18 | | 23 | | 23 | | 06 | | 04 | | 15 | | 06 | | **180** | |
| 16-20 | 17 | | 16 | | 21 | 19 | | 10 | | 09 | | 09 | | 08 | | 07 | | 00 | | 12 | | 12 | | **139** | |
| 21-25 | 05 | | 04 | | 16 | 07 | | 08 | | 09 | | 07 | | 01 | | 05 | | 04 | | 04 | | 06 | | **95** | |
| 26-30 | 03 | | 02 | | 19 | 05 | | 05 | | 03 | | 08 | | 02 | | 02 | | 04 | | 02 | | 04 | | **91** | |
| 31-35 | 05 | | 02 | | 32 | 06 | | 07 | | 01 | | 03 | | 02 | | 03 | | 04 | | 10 | | 10 | | **97** | |
| 36-40 | 01 | | 08 | | 08 | 04 | | 03 | | 09 | | 08 | | 04 | | 03 | | 03 | | 07 | | 07 | | **93** | |
| 41-45 | 08 | | 08 | | 21 | 06 | | 04 | | 11 | | 14 | | 03 | | 01 | | 02 | | 08 | | 05 | | **92** | |
| 46-50 | 07 | | 11 | | 19 | 04 | | 12 | | 12 | | 05 | | 07 | | 02 | | 06 | | 06 | | 02 | | **111** | |
| 51-55 | 09 | | 10 | | 03 | 08 | | 03 | | 13 | | 06 | | 09 | | 09 | | 12 | | 08 | | 02 | | **106** | |
| 56-60 | 09 | | 14 | | 28 | 20 | | 05 | | 19 | | 10 | | 06 | | 15 | | 16 | | 06 | | 16 | | **120** | |
| 61-65 | 14 | | 20 | | 11 | 25 | | 15 | | 19 | | 23 | | 11 | | 13 | | 07 | | 08 | | 13 | | **118** | |
| 66-70 | 10 | | 30 | | 25 | 11 | | 10 | | 18 | | 19 | | 13 | | 11 | | 17 | | 16 | | 21 | | **145** | |
| 71-75 | 25 | | 16 | | 08 | 18 | | 30 | | 14 | | 14 | | 12 | | 20 | | 12 | | 10 | | 17 | | **168** | |
| 76-80 | 05 | | 08 | | 10 | 10 | | 08 | | 19 | | 16 | | 15 | | 21 | | 13 | | 12 | | 05 | | **99** | |
| 81-85 | 04 | | 06 | | 02 | 05 | | 08 | | 09 | | 08 | | 05 | | 04 | | 08 | | 08 | | 11 | | **81** | |
| 86-90 | 02 | | 02 | | 09 | 02 | | 01 | | 02 | | 04 | | 04 | | 01 | | 10 | | 02 | | 01 | | **31** | |
| 91+ | 00 | | 00 | | 01 | 01 | | 00 | | 00 | | 01 | | 00 | | 01 | | 01 | | 00 | | 01 | | **06** | |
| Total | **250** | | **385** | | **328** | **332** | | **268** | | **299** | | **332** | | **189** | | **152** | | **222** | | **08** | | **230** | | **3054** | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ear moulds-Females** | | | | | | | | | | | | | |
| **Age** | **Apr** | **May** | **June** | **July** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Total** |
| 0-1 | 09 | 04 | 09 | 03 | 07 | 08 | 04 | 03 | 01 | 06 | 09 | 06 | **69** |
| 2-5 | 70 | 57 | 15 | 66 | 35 | 46 | 57 | 40 | 08 | 33 | 37 | 46 | **510** |
| 6-10 | 32 | 67 | 31 | 38 | 41 | 44 | 52 | 21 | 07 | 23 | 40 | 32 | **428** |
| 11-15 | 08 | 35 | 20 | 26 | 04 | 07 | 09 | 08 | 16 | 05 | 16 | 06 | **160** |
| 16-20 | 10 | 09 | 19 | 15 | 05 | 05 | 09 | 00 | 05 | 01 | 07 | 06 | **91** |
| 21-25 | 10 | 09 | 28 | 09 | 03 | 04 | 02 | 00 | 05 | 02 | 03 | 01 | **76** |
| 26-30 | 02 | 03 | 11 | 06 | 03 | 01 | 03 | 02 | 02 | 16 | 05 | 05 | **59** |
| 31-35 | 08 | 02 | 15 | 09 | 00 | 01 | 00 | 05 | 02 | 18 | 02 | 04 | **66** |
| 36-40 | 07 | 07 | 05 | 05 | 05 | 05 | 01 | 02 | 03 | 15 | 05 | 02 | **62** |
| 41-45 | 04 | 06 | 12 | 10 | 04 | 02 | 12 | 05 | 03 | 10 | 04 | 03 | **75** |
| 46-50 | 03 | 09 | 13 | 10 | 03 | 07 | 05 | 05 | 02 | 03 | 07 | 08 | **75** |
| 51-55 | 01 | 10 | 19 | 11 | 03 | 06 | 06 | 06 | 10 | 04 | 07 | 07 | **90** |
| 56-60 | 00 | 16 | 19 | 10 | 04 | 14 | 18 | 08 | 04 | 04 | 09 | 14 | **120** |
| 61-65 | 06 | 06 | 32 | 07 | 11 | 09 | 07 | 06 | 08 | 02 | 08 | 11 | **113** |
| 66-70 | 12 | 08 | 17 | 17 | 04 | 08 | 09 | 16 | 04 | 01 | 07 | 14 | **117** |
| 71-75 | 09 | 10 | 09 | 10 | 05 | 13 | 14 | 07 | 04 | 07 | 05 | 11 | **104** |
| 76-80 | 01 | 06 | 05 | 07 | 03 | 01 | 05 | 02 | 04 | 01 | 03 | 05 | **43** |
| 81-85 | 02 | 00 | 00 | 02 | 06 | 01 | 04 | 03 | 01 | 02 | 01 | 03 | **25** |
| 86-90 | 01 | 00 | 01 | 03 | 02 | 00 | 02 | 00 | 00 | 00 | 01 | 01 | **11** |
| 91+ | 00 | 00 | 02 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | **02** |
| **Total** | **195** | **264** | **282** | **264** | **148** | **182** | **219** | **139** | **89** | **153** | **176** | **185** | **2296** |

**v**

**Revenue generated (Ear mould) – in Rs.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Month** | **Spares** | **Post** | **Making ear moulds** |
| April – 18 | 7845 | 455 | 103670 |
| May | 10340 | 840 | 165890 |
| June | 8380 | 990 | 163130 |
| July | 9750 | 690 | 145710 |
| August | 5675 | 240 | 100740 |
| September | 6420 | 570 | 127170 |
| October | 8365 | 600 | 132730 |
| November | 4540 | 480 | 92970 |
| December | 3890 | 330 | 50430 |
| January 19 | 4570 | 630 | 105480 |
| February | 8600 | 300 | 147645 |
| March | 10040 | 390 | 103330 |
| **TOTAL** | **88415** | **6515** | **1438895** |

1. **Specialized Clinical Services**

i) 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 | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Total |
| Clients seen | 257 | 59 | 202 | 270 | 268 | 279 | 298 | 231 | 265 | 271 | 305 | 293 |  |
| Sessions taken | 1051 | 329 | 852 | 1328 | 1066 | 1022 | 1013 | 896 | 915 | 1101 | 1420 | 1685 |  |
| Clients for whom demo therapy given | 46 | 19 | 22 | 23 | 15 | 14 | 24 | 22 | 25 | 16 | 19 | 15 |  |
| New clients | 36 | 13 | 48 | 37 | 19 | 30 | 31 | 20 | 29 | 34 | 22 | 29 |  |
| Repeat clients | 221 | 46 | 154 | 233 | 249 | 249 | 267 | 211 | 236 | 237 | 283 | 264 |  |
| Clients discharged | 24 | 01 | 08 | 11 | 11 | 09 | 08 | 09 | 14 | 08 | 09 | 10 |  |
| Clients discontinued | 41 | 06 | 07 | 18 | 20 | 14 | 16 | 20 | 15 | 23 | 10 | 36 |  |
| Pre-school sessions attended | 00 | 00 | 18 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |  |
| Clients given training in Hindi | 30 | 06 | 48 | 21 | 20 | 23 | 28 | 25 | 34 | 36 | 34 | 34 |  |
| Clients with CI trained | 57 | 22 | 295 | 56 | 62 | 66 | 65 | 57 | 59 | 61 | 64 | 63 |  |
| Sessions for clients with CI taken | 310 | 184 | 04 | 371 | 369 | 334 | 314 | 307 | 283 | 391 | 453 | 466 |  |
| Clients with tinnitus attended therapy | 08 | 00 | 07 | 13 | 10 | 03 | 06 | 02 | 00 | 00 | 04 | 08 |  |
| Sessions for clients with tinnitus | 12 | 00 | 01 | 18 | 17 | 05 | 06 | 05 | 00 | 00 | 03 | 14 |  |
| Clients with ANSD | 02 | 00 | 07 | 01 | 01 | 00 | 00 | 02 | 00 | 00 | 00 | 00 |  |
| Sessions for clients with ANSD | 08 | 00 | 00 | 06 | 08 | 00 | 00 | 06 | 00 | 00 | 00 | 00 |  |
| Clients with hyperacusis | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 01 |
| Clients with CAPD | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 04 | 00 | 00 | 0 |
| Sesseions dor clientswith CAPD | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| Clients for speech reading | 00 | 00 | 00 | 00 | 00 | 00 | 101 | 00 | 00 | 00 | 00 | 00 |  |
| Clients for observn for session HA fitting | 00 | 70 | 202 | 00 | 00 | 00 | 28 | 00 | 00 | 00 | 00 | 00 |  |
| Total no. ofStudents posted | 00 | 00 | 00 | 98 | 118 | 88 | 65 | 85 | 152 | 131 | 137 | 07 |  |

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 | 28 | 35 | 36 | 32 | 21 | 22 | 17 | 21 | 21 | 24 | 19 | 26 |  |
| a)      Non-ADIP | 02 | 17 | 17 | 11 | 09 | 06 | 03 | 03 | 05 | 04 | 03 | 05 |  |
| b)      ADIP-CI | 09 | 06 | 05 | 05 | 02 | 05 | 01 | 03 | 03 | 04 | 01 | 05 |  |
| c)      RBSK-SAST | 17 | 12 | 14 | 16 | 10 | 11 | 13 | 15 | 13 | 10 | 15 | 16 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No. of switch on | 08 | 02 | 01 | 01 | 01 | 04 | 00 | 07 | 02 | 02 | 0 | 02 |  |
| a)      Non-ADIP | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 | 01 | 0 |
| b)      ADIP-CI | 01 | 00 | 01 | 00 | 01 | 00 | 00 | 00 | 00 | 01 | 0 | 01 |  |
| c)      RBSK-SAST | 07 | 02 | 01 | 01 | 00 | 04 | 00 | 07 | 02 | 01 | 0 | 00 |  |
| No. of sessions | 37 | 44 | 40 | 36 | 23 | 22 | 18 | 23 | 29 | 26 | 20 | 28 |  |
| a)      Non-ADIP | 02 | 19 | 17 | 14 | 09 | 06 | .03 | 03 | 05 | 04 | 04 | 06 |  |
| b)      ADIP-CI | 13 | 06 | 05 | 05 | 03 | 05 | 01 | 03 | 03 | 05 | 01 | 06 |  |
| c)      RBSK-SAST | 22 | 19 | 18 | 17 | 11 | 11 | 14 | 17 | 21 | 17 | 15 | 16 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mapping for CI | 33 | 41 | 33 | 11 | 14 | 23 | 17 | 19 | 17 | 22 | 16 | 25 |  |
| a)      Non-ADIP | 01 | 17 | 13 | 02 | 05 | 03 | 02 | 02 | 01 | 04 | 02 | 04 |  |
| b)      ADIP-CI | 11 | 06 | 05 | 16 | 02 | 05 | 01 | 02 | 00 | 04 | 01 | 06 |  |
| c)      RBSK-SAST | 21 | 18 | 15 | 07 | 07 | 11 | 14 | 15 | 16 | 14 | 13 | 16 |  |
| Troubleshooting CI devices | 04 | 03 | 07 | 03 | 14 | 06 | 01 | 03 | 12 | 05 | 04 | 28 |  |
| a)    Non-ADIP | 01 | 02 | 04 | 03 | 04 | 03 | 01 | 01 | 04 | 00 | 02 | 06 |  |
| b)   ADIP-CI | 02 | 00 | 00 | 01 | 01 | 01 | 00 | 01 | 03 | 01 | 02 | 06 |  |
| c)    RBSK-SAST | 01 | 01 | 03 | 36 | 09 | 02 | 00 | 01 | 05 | 04 | 00 | 16 |  |
| Counselling for CI clients | 37 | 38 | 40 | 14 | 23 | 29 | 18 | 23 | 29 | 26 | 20 | 20 |  |
| 1. Non-ADIP | 02 | 19 | 17 | 05 | 09 | 06 | 03 | 03 | 05 | 04 | 04 | 04 |  |
| 1. ADIP-CI | 13 | 06 | 05 | 17 | 03 | 06 | 01 | 03 | 03 | 05 | 01 | 01 |  |
| 1. RBSK-SAST | 22 | 19 | 18 | 04 | 11 | 17 | 14 | 17 | 21 | 17 | 15 | 15 |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | | |  |
| Correspondance through mail | 2049 | | | 3013 | | | 2303 | | | 2105 | | |  |
| Correspondance through letters | 498 | | | 112 | | | 168 | | | 91 | | |  |
| Certificates issued | 498 | | | 498 | | | 449 | | | 580 | | |  |
| Others (formats/labels) | 95 | | | | | | | | | | | | 95 |
| **TOTAL** | | | | | | | | | | | | |  |

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

***Certificates Issued***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Certificate issued** | **April** | **May** | **June** | **July** | **Aug** | **Sept** | **Oct** | **Nov.** | **Dec.** | **Jan** | **Feb** | **Mar** | **Total** |
| Financial aid (pension of GOK) | 113 | 97 | 175 | 169 | 83 | 91 | 75 | 88 | 122 | 125 | 160 | 122 |  |
| Admission to regular school | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 08 | 04 |  |
| Admission to deaf school | 00 | 01 | 01 | 01 | 00 | 00 | 01 | 00 | 00 | 00 | 01 | 00 | 0 |
| Physically handicapped | 00 | 07 | 01 | 03 | 01 | 03 | 04 | 02 | 02 | 14 | 07 | 14 |  |
| Tax exemption | 00 | 02 | 04 | 01 | 03 | 01 | 01 | 01 | 04 | 01 | 01 | 03 |  |
| Education scholarship | 00 | 00 | 01 | 03 | 02 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 0 |
| Driving licence | 02 | 01 | 01 | 01 | 00 | 00 | 00 | 00 | 00 | 01 | 00 | 00 | 0 |
| LIC | 00 | 00 | 00 | 00 | 02 | 00 | 00 | 01 | 00 | 00 | 00 | 00 | 0 |
| CI | 14 | 09 | 06 | 08 | 31 | 06 | 04 | 07 | 00 | 10 | 15 | 04 |  |
| Estimation certificate for hearing aids | 29 | 14 | 41 | 36 | 31 | 24 | 20 | 13 | 06 | 39 | 30 | 36 |  |
| Reimbursement letters | 01 | 01 | 00 | 00 | 00 | 01 | 00 | 00 | 21 | 00 | 00 | 02 |  |
| Certificate issued at camp | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 0 |
| **Total** | **159** | **132** | **230** | **222** | **153** | **126** | **105** | **112** | **155** | **191** | **222** | **185** | **1992** |

**ENT**

**Clinical Services:**

**GENERAL CLINICAL SERVICES:**

* The department of otorhinolaryngology offers diagnostic services to various ear, nose and throat diseases. On an average about 50 microscopic examinations and 10 endoscopies are done every day. The department offers diagnostic, therapeutic, surgical treatment to about 150 patients per day. Minors procedure like suction clearance of ear discharge, removal of foreign bodies, removal of wax etc, chemical cauterization,
* Endoscopic evaluation of voice, evaluation of vertiginous patients on conducting and main activities of the department.
* The department of ENT, AIISH is running a separate unit (AIISH, ENT ‘D’ unit) at K.R Hospital attached to Mysore Medical College.
* OPD on every Thursday
* O.T. on every Friday
* Major surgeries, minor surgical procedures and emergency surgeries are done at KR Hospital. Inpatient facilities are being provided at KR Hospital for AIISH patients,
* ENT ‘D’ unit, with 20 bedded facility. Patients at the Institute who need surgery are evaluated and operated at K.R. Hospital.

**STATISTICS FROM 01.04.2018 TO 31.03.2019**

|  |  |
| --- | --- |
| **Total No. of cases seen in the Department of ENT & Clinical Services., AIISH** | **Total No. of cases seen in the** **K.R. Hospital** |
| New Cases : **18047**  Follow up Cases : **21618**  **Total** **39665** | New Cases : **11299**  Follow up Cases : **10867**  **Total**   **22166** |

**Total No. of operation done at K.R. Hospital**

|  |  |
| --- | --- |
| **Major Operations** | **Minor Operations** |
| **109** | **600** |

No. of Microscopic Examination – : **6116**

No. of Stroboscopy/ Endoscopic Examination - : **130**  :

No. of Oto Endoscopy Examination - : **42**

No. of Diagnostic Naso Endoscopy Examination - : **7**

No. of Vertigo cases Examination (Special Clinics) : **100**

No. of Vertigo Follow up Cases – : **466**

**Clinical Support Services to Patients and Family**

**Details of Certificates Issued: No. of Beneficiaries.**

Handicapped Certificate (Pension) – : **1512**

Railway Concession Certificate – : **240**

Medical Certificate - : **62**

**DIAGNOSTIC WISE STATISTICS FOR THE YEAR 01.04.2018 TO 31.03.2019**

|  |  |  |  |
| --- | --- | --- | --- |
| **SL. No** | **DIAGNOSIS** | **NO. OF FOLLOW-UP CASES** | **NO. OF NEW CASES** |
|  | **CSOM** | 4556 | 3338 |
|  | **SN HL** | 3529 | 3105 |
|  | **DSL / HL** | 2556 | 1736 |
|  | **ASOM** | 692 | 512 |
|  | **SOM** | 541 | 452 |
|  | **AOM** | 390 | 312 |
|  | **OTOMYCOSIS** | 532 | 459 |
|  | **MR/ DSL** | 78 | 52 |
|  | **WAX** | 2041 | 1531 |
|  | **ATRESIA/ MICROTIA** | 40 | 33 |
|  | **KERATOSIS OBTURANS** | 49 | 41 |
|  | **REFERRED OTALGIA** | 79 | 107 |
|  | **TINNITUS** | 649 | 499 |
|  | **VERTIGO** | 290 | 230 |
|  | **BPPV** | 189 | 154 |
|  | **MENIERE’S DISEASE** | 202 | 140 |
|  | **OTITIS EXTERNA(FURUNCULOSIS,DERMATITIS)** | 472 | 424 |
|  | **EUSTACHIAN CATARRAH** | 465 | 484 |
|  | **OTOSCLEROSIS** | 67 | 53 |
|  | **PRESBYACUSIS** | 672 | 676 |
|  | **DOWN’S SYNDROME** | 45 | 34 |
|  | **HAEMATOMA AURIS/ PERICHONDRITIS** | 6 | 2 |
|  | **SCREENING FOR HL** | 681 | 994 |
|  | **PRE AURICULAR SINUS** | 20 | 12 |
|  | **FOREIGN BODY EAR** | 94 | 139 |
|  | **TRIGEMINAL NEURALGIA** | 2 | - |
|  | **TEMPAROMANDIBULAR JOINT ARTHRITIS** | 86 | 80 |
|  | **VASCULAR HEADACHE** | - | - |
|  | **DSL** | 122 | 122 |
|  | **CLEFT PALATE** | 25 | 17 |
|  | **CLEFT LIP** | 18 | 16 |
|  | **LARYNGITIS** | 59 | 57 |
|  | **PHARYNGITIS** | 52 | 51 |
|  | **ANKYLOGLOSSIA** | 94 | 95 |
|  | **V. C. NODULES** | 45 | 36 |
|  | **GLOTTIC CHINK** | 44 | 31 |
|  | **PUBERPHONIA** | 21 | 16 |
|  | **V. C .PALSY** | 44 | 35 |
|  | **V. C .POLYP** | 45 | 37 |
|  | **V.C.PAPILLOMA** | **-** | **-** |
|  | **REINKIE’ S OEDEMA** | 20 | 15 |
|  | **CARCINOMA LARYNX** | 13 | 8 |
|  | **SPASTIC DYSPHONIA** | 16 | 13 |
|  | **TONSILLITIS** | 83 | 84 |
|  | **PALATAL PALSY** | - | - |
|  | **STUTTERING** | 28 | 26 |
|  | **MISARTICULATION** | 132 | 143 |
|  | **LARYNGEAL WEB** | 3 | 1 |
|  | **APTHOUS ULCER** | 13 | 6 |
|  | **DNS** | 151 | 146 |
|  | **RHINITIS** | 88 | 85 |
|  | **SINUSITIS** | 106 | 99 |
|  | **UPPER-RESPIRATORYTRACT INFECTION** | 130 | 138 |
|  | **TRAUMATIC TYMPANIC PERFORATION** | 117 | 92 |
|  | **SSN HL** | 124 | 110 |
|  | **Voice Evaluation** | 189 | 181 |
|  | **GERD** | 37 | 21 |
|  | **MISCELLENOUS(,NOT FOUND,NAD)** | 756 | 830 |
| **TOTAL** | | **21,618** | **18,047** |

1. No. New Cases seen in ENT & Cli. Serives - : **18,047**
2. No. of Follow up Cases seen in ENT & Cli. Services - : **21,618**

**Total No. of Cases seen : 39,665**

1. **Specialized Clinical Services of the Departments**:
2. **VERTIGO CLINIC:**

**The department of ENT AIISH, Mysore, provides a comphrensive care in evaluation and management of patients with Vertigo. The team comprises of ENT Surgeons, Neurologist, Audiologist, and Staff Nurse. The vertigo clinic was started in October 2010. It is run regularly on Wednesdays about 4 patients are evaluated. The beneficiaries are all patients with peripheral and central vertigo. A Total No. of 227 patient were evaluated at the clinic and were offered Medical and surgical management as needed. At this clinic the patient are offered the following services:**

**1. Microscopic examination of the Ear**

**2. Vestibular spinal tests**

**3. Electro Nystagmography**

**4 Video Nystagmography**

**5. Neurological evaluation**

**6. Audiological tests & VEMP**

**7. Medical management**

**8. Surgery**