**DEPARTMENT OF ELECTRONICS, AIISH**

**Monthly Report – February 2018**

**Academic Activities**

1. No. of seminars/conferences/workshops/ training programmes conducted : Nil.

1. No. of orientation/short term training programmes conducted (*for outsiders*): Nil.
2. No. of guest lectures organized : Nil

**Research Activities**

1. Research Paper Publications
2. No. of international journal articles – Nil.
3. No. of national journal articles – 1 No.

Ajish K. Abraham, Abhisheka T.E., & Manohar N. (2017). Current strategies for Noise Pollution in Hearing Aids – A Review. JAIISH, 36, 75-82.

1. No. of in-house journal articles - Nil
2. Research Paper Presentations
3. No. of international conference papers - Nil.
4. No. of national conference papers - Nil
5. Others *(in numbers*)
6. Research Projects- Extramural (*in numbers*) – 2 nos.
7. Ongoing - 2 nos.
   * + 1. Titled “NASOSPEECH: Development of Diagnostic system for Severity Assessment of the Disordered Speech”, Under “DBT’s Twinning programme for the NE”

Duration: 3 years, Amount Rs. 59.69 lakhs

Principal Investigator : Dr. Ajish K Abraham

Co-Investigator: Dr. Pushpavathi

* + - 1. Titled “ARTICULATE+ : A system for automated assessment and rehabilitation of persons with articulation disorders”, Under IMPRINT

Duration: 3 years, Amount Rs. 137.498 lakhs

Principal Investigator : Dr. Ajish K Abraham

Co-Investigator: Dr. Pushpavathi / Dr. N Sreedevi

1. Completed
2. Initiated
3. Research Projects- Intramural (*in numbers*) – 1 no.
4. Ongoing - 1. ARF Project

Titled “Development and Evaluation of Indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs.

Principal Investigator : Ms. P.V. Ramanakumari

Co-Investigator: Dr. Ajish K Abraham / Ms. P.V. Manjula

1. Books/Book Chapters/ Other Resource Materials prepared : Nil
2. Type of the resource
3. Numbers

**Clinical Support Services**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of service** | **Description** | **Quantity** | |
| 1 | Hearing aid repair | Body level  BTE | 33  67 |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | 0  0  0 |
| 3 | Hearing aid issue - HDDU  Planned Project | Institute | 142  43 |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 5722  5  1  9  3  0 |
| 5 | Repair works / service | Computer / peripherals  Instruments  Electrical  Telephones  Calibration  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 53  24  67  10  18  22  13  79  14 |
| 6 | Certificates Issued to Hearing aid users | Condemnation | 00 |

**Outreach Clinical Services**

1. Clinical Assessment - NA
2. Category
3. No. of cases
4. Clinical Rehabilitation /Therapy - NA
5. Category
6. No. of cases

**External Consultancy Service :**

1. Calibration of 4 instruments from Pika Medicals Pvt Ltd., Mysore on 12.02.2018.

**Internal revenue generated – Rs. 25,000 /-**

**Public Education and other Outreach Activities**

**Major Programmes/ Events Carried out**

1. Name of the Programme/ Event - : Nil
2. Other Major Activities Carried out : Nil

**Programmes/ Events Planned for Next Month :** Nil

**Others :**

1. Dr. Ajish K Abraham served as the Technical Expert in the project evaluation committee constituted by Technology Development Board of Dept. of Science & Technology, Govt. of India in the meeting held on 5th & 6th of February 2018 at Shree Coratomic Ltd., Indore towards Manufacture of Cochlear Implants in India.
2. Dr. Ajish K Abraham delivered an invited talk on “Basic Electronics for Speech & Hearing professionals” in the workshop on “Calibration : An Overview” held on the 17th February 2018 at Dr. SRC Institute of Speech and Hearing, Bangalore.
3. Mr. Manohar N delivered an invited talk on “Technology drift in HA” at Hemagangothri, Hassan on 23rd February 2018.
4. Mr. Vikram A, Technician reported to duty on 12.02.2018.
5. Mr. Pranesh V M, Technician reported to duty on 31.01.2018.