**DEPARTMENT OF ELECTRONICS, AIISH**

**Monthly Meeting Presentation – October 2017**

**Academic Activities**

1. No. of seminars/conferences/workshops/ training programmes conducted : Nil
2. No. of orientation/short term training programmes conducted (*for outsiders*): 1 no.

Short – term training for 5 B.Tech students from NIE Institute of Technology, Mysuru from 03.10.17 to 06.10.17.

1. No. of guest lectures organized : Nil

**Research Activities**

1. Research Paper Publications
2. No. of international journal articles – 1 no.

Benefits of Computerized auditory noising software for Kannada speaking children with hearing impairment – Parent’s perspective – Hearing Balance & Communication

1. No. of national journal articles – Nil.
2. No. of in-house journal articles - Nil
3. Research Paper Presentations
4. No. of international conference papers - Nil.
5. No. of national conference papers - 1 no.

Dr. Ajish K Abraham has presented a paper titled “Optimum Signal Processing Strategy for Enhancing Hearing Aid Output Speech” in the 46th National Symposium on Acoustics (NSA – 2017).

1. Others *(in numbers*)
2. Research Projects- Extramural (*in numbers*) – 2 nos.
3. 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. Completed - 1. ARF project

Titled “Development of a cost effective configuration for optimal quality recording for speech analysis”.

Principal Investigator : Dr. Ajish K Abraham

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 | 72  62 |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | 15  00  145 |
| 3 | Hearing aid issue - HADU |  | 24 |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 3584  01  01  02  00  10 |
| 5 | Repair works / service | Computer / peripherals  Instruments  Electrical  Telephones  Calibration  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 58  44  76  17  06    23  70  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. Electro acoustic evaluation of 01 hearing aid from Sarva Shiksha Abhiyan, Puri on 02.10.2017.

**Internal revenue generated – Rs.7414/-**

**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 :** Free hearing aid repair camp

from 13 – 17 November, 2017.

**Others :**

1. Mr. Ravi Shankar, JTO served as resource person and delivered a talk on “Acoustics of noise and its measurement” in the National Seminar on “Noise Induced Hearing Loss: A Propagative Guidance for Initiation of Hearing Conservation Program” organized by the Dept. of POCD on 27.10.2017.
2. Dr. Ajish K Abraham served as the resource person for workshop on “PRAAT Tool for Speech Processing” organized at the Department of Electronics and Communication Engineering, VVCE, Mysuru on 14.10.2017.
3. Dr. Ajish K Abraham delivered a keynote address titled “Processing of Disordered Speech” on 30.10.2017 at NSA 2017 held at Aligarh Muslim University.