**DEPARTMENT OF ELECTRONICS, AIISH**

**Monthly Meeting Presentation – January 2018**

**Academic Activities**

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

Staff Enrichment program on “Basics in Noise measurement” lecture delivered by Sri. Srinivas S.R on 11th and 12th January 2018.

1. No. of orientation/short term training programmes conducted (*for outsiders*): 2 Nos.
2. Short – term training program for 7 days conducted for 6th semester Diploma student from 3rd Jan 2018 to 11th Jan 2018.
3. Short – term training program for 5 days conducted for 7th semester Engineering students (6 nos.) from 24th Jan 2018 to 31st Jan 2018.
4. 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 – Nil.
4. No. of in-house journal articles - Nil
5. Research Paper Presentations
6. No. of international conference papers - 2 nos.
   * + 1. Dr. Ajish K Abraham presented a paper titled “Factors influencing the closeness of recorded speech samples to original speech” in the Cambridge Summit 2018 held at Murray Edwards College, University of Cambridge, UK during 4 to 6 January 2018.
       2. Mrs. Renuka C presented a paper titled “Need for Robotic Resources in Speech and Hearing- An Indian Study” at the International conference on Electrical, Electronics, Communication & Robotics Engineering(ICEECR) held at Bengaluru on 28th January 2018and been awarded with “IRAJ Excellent Paper Award”.
7. No. of national conference papers - Nil
8. Others *(in numbers*)
9. Research Projects- Extramural (*in numbers*) – 2 nos.
10. 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*) – 2 nos.
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 | 26  102 |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | 0  140  0 |
| 3 | Hearing aid issue - HDDU  Planned Project | Institute | 136  46 |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 5857  0  0  1  6  0 |
| 5 | Repair works / service | Computer / peripherals  Instruments  Electrical  Telephones  Calibration  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 56  38  54  11  19  18  17  81  14 |
| 6 | Certificates Issued to Hearing aid users | Condemnation | 02 |

**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. Noise measurement of one Patient Monitoring System from Skanray Technologies Pvt. Ltd., Mysore on 10.01.2018
2. Noise measurement of one Anesthesia Machine from Skanray Technologies Pvt. Ltd., Mysore on 23.01.2018
3. Electro-Acoustic evaluation of 12 hearing aids from State Commissioner of Differently Abled , Chennai on 10.01.2018.

**Internal revenue generated – Rs.49900/-**

**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 delivered an invited talk on “Speech Processing in hearing aids” at Winter School of Speech Signal & Audio processing held at IIT, Guwahati from 19-22 January 2018.
2. Dr. Ajish K Abraham delivered an invited talk on “Speech Enhancement for hearing aids at “Global Initiatives of Academic Networks” (GIAA) program at IIT, Guwahati on 23rd January 2018.
3. Dr. Ajish K Abraham delivered an invited talk on “Disability and Social work” organized by Centre for social work, Panjab University on 30.01.2018.
4. Dr. Ajish K Abraham delivered an invited talk in the “2nd National NSPRSABHCME conference-2018”organized by University School of Medical and Allied Sciences, Rayat –Bahra University, Mohali on 30.01.2018.
5. Mrs. Renuka C participated as member in the workshop on “Revision of Regulations and Syllabus for B.ASLP Course” held on 17th January 2018, at the Library and Information Centre, AIISH.