**DEPARTMENT OF ELECTRONICS, AIISH**

**Monthly Meeting Presentation - January 2017**

**Academic Activities**

1. No. of seminars/conferences/workshops/ training programmes conducted : Nil
2. No. of orientation/short term training programmes conducted (*for outsiders*): 2 nos.
3. Short term training program conducted on “Repair and Service of hearing aids” from 19.12.2016 to 30.12.2016.
4. Ms. Divya Rani from PES Institute of Technology completed her six months of her internship in December 2016.

1. No. of guest lectures organized : Nil

**Research Activities**

1. Research Paper Publications -
2. No. of international journal articles – One paper titled “Computer Intervention Module for children with Hearing Impairment” in the International Journal of Electrical, Electronics and Data Communication (IJEEDC).
3. No. of national journal articles
4. No. of in-house journal articles
5. Research Paper Presentations -
6. No. of international conference papers -
7. No. of national conference papers - 1 no

One at the Indian Science Congress paper titled “Effect of microphone type on some temporal and spectral parameters of speech sounds recorded through PC” held from 3-7 January 2017 which received the Best Poster presentation award.

1. Others (*in numbers*)
2. Research Projects- Extramural (*in numbers*) – 1 no.
3. Ongoing - 1 no.

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 / Dr. Pushpavathi

1. Completed
2. Initiated
3. Research Projects- Intramural (*in numbers*) – 2 nos.
4. Ongoing - 1. ARF project

Titled “Computerized Auditory Training for Kannada Speaking

Children with Hearing Impairment”.

Duration: 12 months, Amount Rs. 3,31,000/-

Sanction letter No. SH/CDN/ARF-42/2015-16 dtd. 09.12.2015

Principal Investigator : Mr. Manohar N

2. ARF project

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

Principal Investigator : Dr. Ajish K Abraham

8 B. Tech. Projects

1 M.Tech Project

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 | 46  62 | |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | 00  00  00 | |
| 3 | Hearing aid issue - HADU |  | 136 | |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 3662  03  00  13  00  00 | |
| 5 | Repair works / service | Computer / peripherals  Instruments  Electrical  Telephones  Calibration  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 31  18  24  8  20  08  07  76  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 13 hearing aids from Sarva Shiksha Abhiyan, Ganjam, Chathrapur on 11.01.2017.
      2. Electro acoustic evaluation of 1 hearing aid from Sarva Shiksha Abhiyan, MAlkangiri on 11.01.2017.
      3. Electro acoustic evaluation of 4 hearing aids from Sarva Shiksha Abhiyan, Kalahanthi, Bhawanipatna on 23.01.2017.

**Internal revenue generated – Rs.1800/-**

1. Repairand calibration of Equipments received from DHLS centre, Ranchi on 27.12.2016.

**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 Processing strategies for disordered speech in the workshop on Image and Speech processing at IIIT Hyderabad on 24th December 2016.