## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE: 570 006

**DEPARTMENT OF ELECTRONICS**

11.03.2019

Submitted to Director:

The soft copy of the monthly report of the Department of Electronics covering the period of February, 2019 is hereby sent to [director@aiishmysore.in](mailto:director@aiishmysore.in) and [aiishreports@gmail.com](mailto:aiishreports@gmail.com)

HOD- Electronics

**DEPARTMENT OF ELECTRONICS, AIISH**

**Monthly Report for the Month of February 2019**

**Academic Activities**

1. No. of seminars/conferences/workshops/ training programmes conducted: **01 No.**

* Organized Workshop titled **‘**Noise –Its Measurement and Control on 13.02.2019

1. No. of orientation/short term training programmes conducted (*for outsiders*): NIL
2. No. of guest lecturers 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**

1. No. of international conference papers - **One**

* Paper titled “Comparison of Nasalance Values of Nasometer and Nasospeech” authored by Girish K.S, Pushpavathi M, Ajish K Abraham & SRM Prasanna presented at INDOCLEFT on 8th February, 2019 held at Varanasi, India

1. No. of national conference papers - NIL
2. Others *(in numbers*) – NIL
3. Awards received for the papers – **NIL**
4. Research Projects- Extramural (*in numbers*) – **2 nos.**
5. **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 -NIL
2. Initiated - NIL
3. Research Projects- Intramural (*in numbers*) – **4 nos.**
4. **Ongoing - ARF Project**
5. Titled “Automation of Malayalam Articulation test using automatic speech recognition”
   * + - * Principal Investigator: Prof. Ajish K Abraham
         * Co-Investigator: Prof. N Sreedevi
6. Titled “Development and Validation of a Mobile application tool for arithmetic concept teaching for Preschoolers”.

* Principal Investigator 1: Smt. Renuka. C
* Principal Investigator 2: Dr. Swapna N
* Co-Investigator: Ms. Lakshmi Prabha J K

1. Titled “Development of Speech enabled Communication tool for clients with Speech Impairment in Kannada”

* Principal Investigator: Mr. Manohar N
* Co-Investigator: Dr. Rajasudhakar

1. Titled “Design and Development of E-Learning Platform and Faculty System”
   * + - * Principal Investigator: Dr. Shijith Kumar C

* Co-Investigator: Mr. Manohar N

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

**Clinical Support Services**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name of service** | **Description** | **Quantity** |
| 1 | Hearing aid repair | Body level  BTE | 20  66 |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | NIL  60 |
| 3 | Hearing aid issue - HDDU  Planned Project | Institute | 206  NIL |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 8364  01  01  07  04  NIL |
| 5 | Repair works / service | Computer / peripherals  Electrical  Telephones  Calibration  Electronics  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 51  47  17  10  25  18  80  14 |
| 6 | Certificates Issued to Hearing aid users | Condemnation | 1 |

**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. Testing and Certification of newly constructed Audiology lab at National Institute for Empowerment of Persons with Multiple Disabilities, Chennai
2. Electro Acoustic evaluation of Six Body Wear hearing aids from Arphi Electronics Pvt. Ltd. on 20.02.2019
3. Calibration of a device – Android Based Audio Meter from Nautilus Hearing Solution Pvt. Ltd. Hubli on 22.02.2019

Internal revenue generated **–** Rs. 3750+750+6250= **Rs. 10750**

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**

**Mr. N. Manohar**

* Coordinator for one day Workshop titled **‘**Noise –Its Measurement and Control on 13.02.2019

**Mr. S.R Srinivasa**

* Served as a Resource Person for the workshop titled ‘Noise –Its Measurement and Control’ on 13.02.2019

**Mr. Purushothama S.S**

* Participated in the Workshop on GFR Rules 2017 and GeM Procedures on 08.02.2019 organized by ISO Cell, AIISH, Mysuru

**Mr. Ravishankar M.S**

* Participated in the Workshop on GFR Rules 2017 and GeM Procedures on 08.02.2019 organized by ISO Cell, AIISH, Mysuru
* Served as a Resource Person for the workshop titled ‘Noise –Its Measurement and Control’ on 13.02.2019

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