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

**DEPARTMENT OF ELECTRONICS**

04.04.2019

Submitted to Director:

The soft copy of the monthly report of the Department of Electronics covering the period of March, 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 March 2019**

**Academic Activities**

1. No. of seminars/conferences/workshops/ training programmes conducted: NIL
2. No. of orientation/short term training programmes conducted (*for outsiders*): NIL
3. 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 -NIL
2. No. of national conference papers - NIL
3. Others *(in numbers*) – NIL
4. Awards received for the papers – NIL
5. Research Projects- Extramural (*in numbers*) –3nos.
6. **Ongoing - 2nos.**
   * + 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 – 01 No.**
3. Titled “SERB: Development and validation of RoAS (Robot for Articulatory Simulation)”

* Scheme: Core Research Grant
* Duration: 3 years, Amount Rs.32, 27,309 lakhs
* Principal Investigator: Dr. Ajish K Abraham
* Co-Investigator: Mr. Manohar N,  Dr. Swapna N and Ms. Renuka C

1. Research Projects- Intramural (*in numbers*) – **4 nos.**
2. **Ongoing - ARF Project**
3. Titled “Automation of Malayalam Articulation test using automatic speech recognition”
   * + - * Principal Investigator: Prof. Ajish K Abraham
         * Co-Investigator: Prof. N Sreedevi
4. 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. **Project Proposal**

**Karthik Venkat Sridaran**

1. Development and validation of ‘Samvaad’ A web- based Alternative and Augmentative Communication system. Proposal submitted to Electronic Project Management System (e-PMS) - Department of Science and Technology.
2. Books/Book Chapters/ Other Resource Materials prepared :
3. Type of the resource
4. Numbers

**Clinical Support Services**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Name of service** | **Description** | **Quantity** |
| 1 | Hearing aid repair | Body level  BTE | 30  58 |
| 2 | Hearing aid issue – ADIP | Institute  POCD  Camps | 38  -  - |
| 3 | Hearing aid issue - HDDU  Planned Project | Institute | 211 |
| 4 | Issue of spares | Cells  Body case  Battery Door  Ear hook  Wind protector  BTE Huggies | 8058  -  02  -  02  - |
| 5 | Repair works / service | Computer / peripherals  Electrical  Telephones  Calibration  Electronics  Audio visual arrangements  Web updates  Support for VC programs :-  DHLS  TCPD | 65  74  12  06  29  18  21  21  - |
| 6 | Certificates Issued to Hearing aid users | Condemnation | 01 |

**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 a device – Android Based Audio Meter from Nautilus Hearing Solution Pvt. Ltd. Hubli on 07.03.2019

Internal revenue generated **– Rs. 6250**

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**

**Dr. Ajish K. Abraham**

* Delivered the keynote address at the National Conference on ‘Recent Advances in Rehabilitation Strategies-Neuro Socio Psycho Dento-facial Linguistic & Hearing Impairment’ held at Rayat Bahra University, Mohali, Chandigarh on 1st March 2019
* Participated as Resource Person and delivered a lecture on calibration and Sound Level Meter measurements for Audiologists held at M.V. Shetty College of Speech & Hearing, Mangaluru, on 9th March 2019

**Mrs. Renuka C**

* Attended Workshop on Academic Writing organized by Library held on 27th March 2019

**Mr. Karthik Venkat Shridharan**

* Attended workshop on ‘Recent Advancements and Practices of Indian Sign Language in a Clinical Setup’ RCI-CRE, Organized by, Department of Clinical services on 29th and 30th March 2019
* Attended Workshop on Academic Writing organized by Library held on 27th March 2019

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