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

**DEPARTMENT OF ELECTRONICS**

07.08.2020

Submitted to Director:

The soft copy of the monthly report of the Department of Electronics covering the period of July, 2020 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, MYSORE - 06**

**Monthly Report for the Month of July, 2020**

**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**
6. No. of international conference papers - NIL
7. No. of national conference papers - NIL
8. Others *(in numbers*) – NIL
9. Awards received for the papers – NIL
10. **Research Projects- Extramural (*in numbers*).**
11. **Completed - Nil**
12. **Ongoing - 2 nos**
13. 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 M / Dr. N Sreedevi

1. Titled “**Development and validation of RoAS (Robot for Articulatory Simulation)**” under Science and Engineering Research Board (SERB), Department of Science and Technology, Govt. of India

* 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. **Initiated – NIL**
2. **Research Projects- Intramural (*in numbers*).**
3. **Completed – 1 no**
4. Titled “**Development of Speech enabled Communication tool for clients with Speech Impairment in Kannada**”

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

1. **Ongoing – 1 no**
2. 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 – NIL**

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 | 33  62 |
| 2 | Hearing aid issue – ADIP | * Institute * POCD * Camps | 00  00  00 |
| 3 | Hearing aid issue - HDDU  Planned Project | * Institute | 78 |
| 4 | Issue of spares | * Cells * Body case * Battery Door * Ear hook * Wind protector * BTE Huggies * Domes * Tips * Wax guards | 3996  00  01  08  08  17  00  00  00 |
| 5 | Repair works / service | * Computer / peripherals * Electrical * Telephones * Calibration * Electronics * Audio visual arrangements * Web updates * Support for VC Programs:   DHLS  TCPD | 32  13  08  08  14  03  34  00  00 |
| 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:**

Public Education and other Outreach Activities: 01

1. Mr. Manohar N prepared a public education video during COVID-19 lockdown period (March-May, 2020) and received letter of appreciation from the Institute and form the state holders.

Major Programmes/ Events Carried out: Camp

1. Name of the Programme/ Event : 01
2. Mr. Manohar N, Mr. Purushothama S S and Mr. Shivakumar attended an Orientation Programme organised by Purchase Section on Purchase Procedure and processing of PRF’s on 15th July, 2020.
3. Other Major Activities Carried out : 02
4. Mr. Manohar N delivered a guest lecture to the Department of Special Education, AIISH on Exploring Augmented Reality [AR] in the Field of Education on 10th July, 2020.
5. Dr. Ajish K Abraham delivered a talk titled “Signal Processing in Hearing Aids” in Audiology Webinar on “developments and working principles of hearing aids” organised by GN Hearing India Pvt. Ltd., Mumbai on 24th July, 2020.
6. Programmes/ Events Planned for : NIL

Next Month

**OTHERS:**

**HOD- Electronics**