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

**DEPARTMENT OF ELECTRONICS**

06.04.2021

Submitted to Director:

The soft copy of the monthly report of the Department of Electronics covering the period of March, 2021 is hereby sent to [director@aiishmysore.in](mailto:director@aiishmysore.in) and [aiishreports@gmail.com](mailto:aiishreports@gmail.com).

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**DEPARTMENT OF ELECTRONICS, AIISH, MYSORE - 06**

**Monthly Report for the Month of March, 2021**

**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

b. No. of national journal articles – NIL

c. No. of in-house journal articles - NIL

1. **Research Paper Presentations**
2. No. of international conference papers - NIL
3. No. of national conference papers - NIL
4. Others *(in numbers*) – NIL
5. Awards received for the papers – NIL
6. **Research Projects- Extramural (*in numbers*).**
7. **Completed - Nil**
8. **Ongoing - 2 nos**
9. 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. **Ongoing – 1 no**
4. 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 – 1 no.**

Submitted the following project proposal to DBT.

"Development of a comprehensive tool for providing speech therapy and monitoring the progress of persons with parkinsons disease"

PI: Dr. Anil Kumar Vuppala, Dr. Apoorv Pauranaik & Dr. Ajish K Abraham

Co-PI: Mr. Reuben Thomas Varghese & Mr. Karthik Venkat Sridaran

1. **Books/Book Chapters/ Other Resource Materials prepared: 02 no.**
2. Type of the resource: Video on “Care and Maintenance of Hearing Aids” in Malayalam.
3. Type of the resource: Video on “Shravana Yantra – Ondu Parichaya hagu mahatva” in Kannada.
4. Numbers : 02

**CLINICAL SUPPORT SERVICES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Name of service** | **Description** | **Quantity** |
| 1 | Hearing aid repair | * Body level * BTE | 20  131 |
| 2 | Free Hearing aid issue – ADIP/CWF | * Institute * POCD * Camps | 244  0  90 |
| 3 | Hearing aid issue - HDDU  Planned Project (Camp) | * Institute | 155 |
| 4 | Issue of spares | * Cells * Body case * Battery Door * Ear hook * Wind protector * BTE Huggies * Domes * Tips * Wax guards * 2 Pin S card * 2 Pin V card | 8064  00  00  15  10  42  00  56  00  00  00 |
| 5 | Repair works / service | * Computer / peripherals * Electrical * Telephones * Calibration * Electronics * Audio visual arrangements * Web updates * Support for VC Programs:   DHLS  TCPD | 58  58  05  09 45  08  20  21  0 |
| 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. Electric Acoustic evaluation of Alps International private limited, Delhi on

25/03/2021 for Three Hearing Aids.

Internal revenue generated – Rs. 450 /-

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
3. Programmes/ Events Planned for : NIL

Next Month

**OTHERS:**

1. Delivered an invited talk titled “Detection of mild cognitive impairment through acoustic analysis of voice” in the National Symposium on Acoustics 2020 organized by Acoustical Society of India on 22nd and 23rd March, 2021.
2. Prof. Ajish K Abraham, received “Prof. Rais Ahmed Memorial Lecture Award” from Acoustical Society of India for delivering an invited talk titled “Detection of mild cognitive impairment through acoustic analysis of voice” in the National Symposium on Acoustics 2020 on 22nd and 23rd March, 2021.
3. Short term training programme on Biomedical Instrumentation in Speech & Hearing AIISH. Conducted on 15.03.2021 to 31.03.2021 for 15 Engineering students.

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