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

**DEPARTMENT OF ELECTRONICS**

16.04.2020

Submitted to Director:

The soft copy of the monthly report of the Department of Electronics covering the period of March, 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 March, 2020**

**ACADEMIC ACTIVITIES**

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

* Workshop on ‘**Matlab Fundamentals and Advance Topics on Speech Signal Analysis’** from 9th to 10th and 12th to 13th March, 2020 held at computer centre, ground floor library with total number of 16 participants and two resource persons as follows:

1. Apurva Kulkarni, Training Engineer, Mathworks, Bengaluru.
2. Rakshith B S, Senior Application Engineer, Corel Technologies, Bengaluru.
3. No. of orientation/short term training programmes conducted (*for outsiders*): NIL
4. 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. **Ongoing - 3 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 M
  + - 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 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. **Completed –NIL**
2. **Initiated – NIL**
3. **Research Projects- Intramural (*in numbers*).**
4. **Ongoing – 4 nos**
5. Titled “**Automation of Malayalam Articulation test using automatic speech recognition**”

* Principal Investigator: Prof. Ajish K Abraham
* Co-Investigator: Prof. N Sreedevi

1. 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 – 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 | 03  52 |
| 2 | Hearing aid issue – ADIP | * Institute * POCD * Camps | 00  00  00 |
| 3 | Hearing aid issue - HDDU  Planned Project | * Institute | 17 |
| 4 | Issue of spares | * Cells * Body case * Battery Door * Ear hook * Wind protector * BTE Huggies * Domes * Tips * Wax guards | 3168  00  00  06  04  36  10  13  06 |
| 5 | Repair works / service | * Computer / peripherals * Electrical * Telephones * Calibration * Electronics * Audio visual arrangements * Web updates * Support for VC Programs:   DHLS  TCPD | 12  29  4  5  16  5  09  20  Nil |
| 6 | Certificates Issued to Hearing aid users | * Condemnation |  |

**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

Major Programmes/ Events Carried out: Camp

1. Name of the Programme/ Event : NIL
2. Other Major Activities Carried out : NIL
3. Programmes/ Events Planned for : NIL

Next Month

**OTHERS:**

**HOD- Electronics**