**DEPARTMENT OF PREVENTION OF COMMUNICATION DISORDERS (POCD)**

**MONTHLY REPORT**- **February-2019**

**1. ACADEMIC ACTIVITIES**

1. **No. of short-term training programs organized: Nil**
2. **a. No. of orientation: 09**

As part of primary prevention activities, several orientation/Sensitization programs are being conducted regularly. The objective of the orientation programs was to create awareness among general public and various other professionals such as Medical doctors, Nurses, Health related workers, teachers, school students etc., on different types of communication disorders, its prevention and early identification methods and their appropriate referral and timely management. Table 1& 2 shows the details of the orientation programs conducted by the dept. of POCD.

Table 1: Orientation Programs conducted by the Department of POCD in the month February, 2019.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **I. Orientation Programs at POCD : 04** | | | | | | | | | | | | | | |
| Theme/Topic of the program: Prevention & early identification of communication disorders  Coordinators: Dr. Swapna. N, Dr. Prawin Kumar & Mr. Arunraj K. | | | | | | | | | | | | | | |
| **Sl.No** | | **Date** | | | **Name of the institute/**  **Hospital** | | **Target group** | | **Total participants** | | | **Oriented by** | | |
| 1. | | 11.02.2019 | | | Anganwadi, Kannor dist. Thalassery,Kerala | | Anganwadi Teachers | | 21 | | | Ms. Vyshna Babu  (Intern Student)  Ms. Anushree  (Intern Student) | | |
| 2. | | 13.02.2019 | | | AYJNIHH  (Mumbai) | | BASLP students | | 19 | | | Ms. Ameena Sheik  (SLP Grade I) | | |
| 3. | | 13.02.2019 | | | JSS Medical College | | Medical students | | 5 | | | Ms. Ameena Sheik  (SLP Grade I) | | |
| 4. | | 14.02.2019 | | | AYJNIHH Kolkata | | BASLP  Students | | 20 | | | Ms. Angeline  (Aud Grade II) | | |
| **II. Orientation Programs at NBS centres: 03** | | | | | | | | | | | | | | |
| Theme/Topic of the program: Prevention & early identification of communication disorders Coordinators: Dr. Swapna. N, , Dr. Prawin Kumar & Mr. Arunraj K. | | | | | | | | | | | | | | |
| **Sl.No** | **Date** | | **Name of the institute/**  **Hospital** | | | | | **Target group** | | **Total participants** | | | | **Oriented by** |
| 1. | 09/02/2019 | | Netaji Subhash Chandra Bose Medical College & Hospital, Jabalpur | | | | | Nurses | | 23 | | | | Mr. Anup Ghimire  (Aud Grade I) |
| 2. | 20/02/2019 | | KGMU, Lucknow | | | | | Asha workers | | 07 | | | | Mr. Mangal Chandra Yadav  (Aud Grade 1) |
| 3. | 25/02/2019 | | RIMS, Ranchi | | | | | 2nd year B. Sc. Nursing student of RIMS, Ranchi. | | 43 | | | | Mr. Mukesh Kumar  (Audiologist) |
| **III. Orientation Programs at OSC centres: 02** | | | | | | | | | | | | | | |
| Theme/Topic of the program: Prevention & early identification of communication disorders Coordinators: Dr. Swapna. N, , Dr. Prawin Kumar & Mr. Arunraj K. | | | | | | | | | | | | | | |
| **Sl.No** | **Date** | | | **Name of the institute/**  **Hospital** | | **Target group** | | | | | **Total participants** | | **Oriented by** | |
| 1. | 7.2.2019 | | | VMH, Saragur | | Doctors and Physiotherapist | | | | | 10 | | Ms. Reshli Y V | |
| 2. | 15.2.2019 | | | VMH, Saragur | | Aganawadi workers | | | | | 60 | | Ms. Deepashree | |
| **Overall Total** | | | | | | | | | | | **09 Orientations;**  **209 participants** | | | |

Table 2: Total number of participants oriented in the month of February ‘19.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Target group** | **Gender** | | **Total number of Participants** |
| **Male** | **Female** |
| **1.** | **Anganwadi Workers** | 00 | 60 | **60** |
| **2.** | **Doctors/Physiotherapists** | 04 | 06 | **10** |
| **3.** | **Asha Workers** | 00 | 07 | **07** |
| **4.** | **Students** | 20 | 25 | **45** |
| **5.** | **Nursing Students** | 00 | 43 | **43** |
| **6.** | **School Teachers** | 18 | 03 | **21** |
| **7.** | **Nurses** | 00 | 23 | **23** |
| **Total** | | **42** | **167** | **209** |

**b. Sensitization programs organized:**

**iii. Training programs conducted: 1**

**iv. Clinical Observation postings of students from other Institutes: Nil**

V. No. of Seminars/ Conferences /Lectures /**Workshop organized** by the Dept.: Nil

Vi. No. of Seminars/ Conferences /Lectures /Workshop attended by the staff of the Dept

* No. of Conferences attended by Staff of POCD:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No. | Date | Event | Venue/  Organizers | Staff |
| 1. | 8th to 10th Feb 2019 | 51st ISHACON | ISHA-NIMHANS, B’lore | Ms. Juanita Sharon George,  Ms. Tejaswini S.,  Dr. Prawin Kumar, |

* Seminars attended by Staff of POCD:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No | Date | Title of the program | Organized by | Venue | Staff attended |
| 1. | 11th, 12th  & 13thFebruary  2019 | National Seminar on Cochlear Implants | Department of Audiology | AIISH Mysore | Ms. Pavana Mohan,  Ms. Ananya |

* Guest Lectures attended by staff of POCD: Nil
* Workshops attended by the staff of POCD:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl.No | Date | Title of the program | Organized by | Venue | Staff attended |
| 1. | 23rd February 2019 | Recent Advances in the Visualization of Vocal Folds | Department of SLS, AIISH | Seminar Hall, AIISH, Mysore | Dr. Swapna N.,  Ms. Seshasri D. |

vii. No. of Guest Lectures organized: Nil

viii. No. of Invited Talks delivered by faculty and staff:

ix. Any other:

* **Student clinical training**: As part of human resource development, clinical training for Undergraduates (B.Sc Speech & Hearing), Postgraduates (M.Sc SLP & AUD) & Internship students on early identification, prevention & rehabilitation of communication disorders and Community based rehabilitation at OSCs were carried out. The details on the number of students who had undergone training are given below.

|  |  |  |
| --- | --- | --- |
| **Internal (AIISH)** | | |
| **Class** | **No of students Newly posted** | **No of Students continuing** |
| II B.ASLP students | 09 | 05 |
| I M.Sc (Speech) students | 07 | 02 |
| I M.Sc (Audiology) students | 04 | 04 |
| B.ASLP Internship students | 06 | 04 |
| **Total** | **26** | **15** |
| **External \*** | | |
| BASLP Student (Intern) | 01 | 01 |
| ENT PG Student | 01 | 00 |
| **Total** | **02** | **01** |

*\*Students were posted from Ashtavakra Institute of Rehabilitation Sciences & Research, New Delhi for the posting duration of 14 Feb 2019 – 28 Feb 2019.*

* **Staff/Student Enrichment Programs: 1**

1. **Research Projects: ARF Project**

|  |  |
| --- | --- |
| **Title** | **Development and Validation of a Screening Tool for Detection of Dysphagia in Neonates** |
| **Objectives** | The main aim of the study was to develop and validate a screening tool for the early identification of dysphagia in neonates. The specific objectives of the study were to   1. To develop a screening tool for the early identification of dysphagia. 2. To assess the content validity of the developed tool. 3. To standardize the developed tool by administering it on the healthy full term and high risk infants. 4. To assess the clinical validity of the tool by administering the same on high risk neonates |
| **Principal and co- Investigator(s)** | Dr. Swapna. N |
| **Funding Agency** | AIISH, ARF |
| **Fund** | Rs.4,93,000 |
| **Status** | The research officer (Ms. Seshasri. D.) joined on 5.12.2019  ***Project is ongoing.*** |

1. **Doctoral and Post-Doctoral Programs:** Nil
2. **Research papers presented in National conferences/seminars: 02**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Date** | **Event** | **Title of Presentation** | **Venue/**  **Organizers** | **Staff/Authors** |
| 1. | 8th to 10th Feb 2019 | 51st ISHACON | Prevalence of Hearing Impairment and Risk Factors in Newborns under Neonatal Hearing Screening Program in Southern City of Karnataka. | ISHA-NIMHANS, B’lore | Ms. Nayana. M.,  Ms. Tejaswini S.,  Mr. Arunraj K.,  Dr. Prawin Kumar, Dr. Swapna N |
| 2. | 8th to 10th Feb 2019 | 51st ISHACON | Effects of Occupational Noise on Audiometric Thresholds in Industrial Workers | ISHA-NIMHANS, B’lore | Ms. Akshata,  Dr. Prawin,  Dr. Swapna,  Dr. Animesh,  Mr. Arunraj, |

1. **Research papers presented at International conferences/seminars: 03**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Date** | **Event** | **Title of Presentation** | **Venue** | **Staff/Authors** |
| 1. | 20th to 22nd Feb 2019 | The 2nd Sound Hearing 2030 World Congress | Referral Rate of Infants For Identification of Hearing Loss by the Health Care Medical Professionals: Current Indian Scenario. | Bali, Indonesia | Arunraj K &  Sabarish A |
| 2. | 20th to 22nd Feb 2019 | The 2nd Sound Hearing 2030 World Congress | Rehabilitation of Individuals with Communication Disorders in Rural India - An Outreach Based Model. | Bali, Indonesia | Arunraj K ., Swapna N., Yashaswini, BC., Prawin Kumar |
| 3. | 20th to 22nd Feb 2019 | The 2nd Sound Hearing 2030 World Congress | Age of Identification of Hearing Impairment and Associated Risk Factors: Public versus Professional Approach. | Bali, Indonesia | Arunraj K., Animesh Barman, Swapna N., Pavana Mohan |

1. **Research Papers published in National Conference/Seminar Proceedings:** Nil
2. **Research Papers published in International Conference/Seminar Proceedings:** Nil
3. **Research Papers published in National Journals:** Nil
4. **Research Papers published in International Journals:** Nil
5. **Book / Chapters Published:** Nil
6. **Books / Manuals/ Seminar proceedings Edited:** Nil
7. **Scholarly Reviewing Activities:** Nil
8. **Research Proposal:** Nil

3. CLINICAL SERVICES

1. General Clinical Services
2. Follow-up evaluation- Detailed evaluation

The newborns/infants referred during the newborn screening were followed up through telephone calls to parents/caregivers of infants. A complete test battery was administered for those clients who came for follow-up. Table 4 (a) & (b) depicts the statistics related to this activity.

Table 4 (a): Details of the results of follow-up evaluation for newborns and infants.

The at-risk babies were monitored regularly by administering the speech-language & hearing checklist through phone call. The babies who are identified with delay in the milestones were

referred to AIISH/concern NBS center for detailed evaluation.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **AIISH + Cheluvamba** | **OSC Sarguru** | **OSC-Sagara** | **Lucknow** | **Cuttack** | **Imphal** | **Puducherry** | **Ranchi** | **Jabalpur** | **Ajmer** | **Total** |
| **Normal** | **11** | 31 | **00** | **40** | 04 | 14 | 20 | 00 | 03 | 08 | **131** |
| **ENT disorders** | **00** | 00 | **00** | **05** | 00 | 0 | 00 | 00 | 00 | 00 | **05** |
| **Auditory Maturation delay** | **00** | 00 | **00** | **00** | 00 | 00 | 00 | 00 | 00 | 00 | **00** |
| **Hearing impairment** | **00** | 01 | **00** | **12** | 10 | 03 | 05 | 01 | 07 | 03 | **42** |
| **Speech & language disorder** | **00** | 00 | **00** | **01** | 00 | 01 | 00 | 15 | 07 | 03 | **27** |
| **Multiple Disorder** | **00** | 00 | **00** | **02** | 00 | 00 | 00 | 00 | 00 | 03 | **05** |
| **Incomplete testing** | **01** | 02 | **00** | **00** | 00 | 00 | 01 | 11 | 00 | 01 | **16** |
| **Total** | **12** | **34** | **00** | **60** | **14** | **18** | **26** | **15** | **10** | **18** | **226** |

Table 4(b)**:** Follow-up evaluation- Phone follow-up

|  |  |  |  |
| --- | --- | --- | --- |
| **Categories** | **Mysuru Centre (POCD)** | **OSC Centers** | **NBS** |
| Normal speech, language & hearing milestones | 0 | 0 | 129 |
| Referred for detailed evaluation | 0 | 0 | 19 |
| **Total Phone follow up** | **0** | **0** | **148** |

ii) Hearing evaluation of industrial workers at AIISH: Nil

iii) Specialized Clinical services: Nil

iv) Clinical Support Services to Patients and Family: Nil

v) Clinical Electronic Services: Nil

B) EXTENSION ACTIVITIES

i) Newborn screening for Communication Disorders

The department of POCD is actively involved in carrying out various extension activities such as screening, diagnostic and rehabilitation services outside the institute campus. The activities include newborn/infant screening, screening of school children, screening of elderly citizens, screening of industrial workers, conducting camps and also clinical services offered at the outreach service centers of AIISH.

Table 5: Total number of newborns/infants screened and identified at-risk for Communication disorders.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Hospitals/Immunization Centers** | **Total births** | **Total No. Screened** | | | | **Total No. at risk** | | |
| **Male** | **Female** | **Total** | | **Male** | **Female** | **Total** |
|  |  | **AIISH- Mysuru** | | | | | | |  |
|  | Combined Hospital (CH) |  | 11 | 11 | 22 | | 0 | 0 | 0 |
|  | Kamakshi Hospital (KH) | **163** | 71 | 62 | 133 | | 0 | 2 | 2 |
|  | KR Hospital (KRH)- Cheluvamba |  | 364 | 323 | 687 | | 8 | 13 | 21 |
|  | Mission Hospital (MH) | --- | 16 | 21 | 37 | | 1 | 3 | 4 |
|  | S.M.T.D.H Hospital | **31** | 14 | 10 | 24 | | 0 | 2 | 2 |
|  | Ashwini Nursing Home (ANH) | **23** | 9 | 8 | 17 | | 0 | 0 | 0 |
|  | Shree Devi Nursing Home (SNH) | **30** | 10 | 11 | 21 | | 1 | 0 | 1 |
|  | Gopala Gowda Shanthaveri Memorial Hospital (GGSMH) | --- | 8 | 3 | 11 | | 0 | 0 | 0 |
|  | Mahadeshwara Nursing Home (MNH) |  | 12 | 15 | 27 | | 0 | 0 | 0 |
|  | Sigma Hospital (SH) |  | 25 | 14 | 39 | | 3 | 1 | 4 |
|  | Brindavan Hospital |  | 15 | 5 | 20 | | 2 | 0 | 2 |
|  | Railway Hospital | --- | 1 | 0 | 1 | | 0 | 0 | 0 |
|  | **Total (Mysuru hospitals)** |  | **556** | **483** | **1039** | | **15** | **21** | **36** |
|  | | | | | | | | | |
| 1. 18. | Sub-divisional hospital, K R Nagar Taluk |  | 23 | 34 | 57 | | 2 | 1 | 3 |
| 1. 19. | Sub-divisional hospital, T NarsipuraTaluk |  | 5 | 4 | 9 | | 0 | 0 | 0 |
| 1. 20. | Sub-divisional Hospital, SagaraTaluk | **142** | 64 | 71 | 135 | | 6 | 7 | 13 |
| 1. 21 | H. D. Kote and Saragur | **257** | 137 | 99 | 236 | | 12 | 2 | 14 |
| Hunsur- NBS | --- | 6 | 8 | 14 | | 0 | 0 | 0 |
| Periyapatna- NBS | --- | 15 | 16 | 31 | | 0 | 0 | 0 |
| Vivekananda Memorial hospital, NBS, H. D. kote Sarguru | **257** | 158 | 123 | 281 | | 12 | 2 | 14 |
| Taluk Hospital, H. D. Kote- Immunization | --- | 15 | 17 | 32 | | 1 | 1 | 2 |
| Hunsur-*immunization* | --- | 22 | 17 | 39 | | 1 | 0 | 1 |
| Periyapatna taluk | --- | 16 | 19 | 35 | | 2 | 0 | 2 |
| 1. 22. | Community Health Centre (CHC), Hullahalli | --- | 3 | 1 | 4 | | 0 | 0 | 0 |
| 1. 23. | Community Health Centre (CHC), Santhemarahalli |  | 5 | 6 | 11 | | 0 | 0 | 0 |
| 1. 24. | Primary Health Centre (PHC), Akkihebbalu | --- | 3 | 0 | 3 | | 0 | 0 | 0 |
|  | **Total (OSCs)** |  | **472** | **415** | **887** | | **36** | **13** | **49** |
| **Screening at NBS Centers** | | | | | | | | | |
| 1. 25. | Sri RamachandraBhanj Medical College and Hospital (SCB MCH), Cuttack | **327** | 140 | 110 | | 250 | 15 | 12 | 27 |
| 1. 26. | Regional Institute of Medical Sciences (RIMS), Imphal | **311** | 147 | 156 | | 306 | 3 | 1 | 4 |
| 27. | Janana Hospital & JLNMCH, Ajmer | **1039**  **(998+41)** | 176 | 166 | | 338 | 7 | 4 | 11 |
| 1. 28. | JIPMER, Puducherry | **823** | 403 | 360 | | 763 | 41 | 21 | 62 |
| 1. 29. | Netaji Subhash Chandra Bose Medical College (NSCB), Jabalpur | Birth rate is not calculated in OBG department | 293 | 249 | | 542 | 96 | 71 | 167 |
| 1. 30. | Rajendra Institute of Medical Sciences, Baritayu, Ranchi | **461** | 161 | 118 | | 279 | 23 | 18 | 41 |
| 1. 31. | Kings George’s Medical University, Lucknow | - | 126 | 134 | | 260 | 18 | 14 | 32 |
|  | JLNMCH, Bhagalpur | **244** | 106 | 94 | | 200 | 37 | 21 | 58 |
|  | **Total (NBS centres)** | **3205** | 1552 | 1386 | | 2938 | 240 | 162 | 402 |
|  | **Overall Total** |  | **2580** | **2284** | | **4864** | **291** | **196** | **487** |

1. **School/ Anganwadi screening: Nil**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Name of the School** | **Total screened** | **Total identified with communication disorders** | | |
| **Ear related disorder** | **Hearing loss** | **Speech language disorders** |
| 06.02.2019 | Government school, Karimudhenalli | 200 | 0 | 0 | 6 |
| 25.02.2019 | GHP School, Bommanayakanahalli | 67 | 0 | 2 | 7 |
| **Total** | | **267** | **0** | **2** | **13** |
| **Overall Total** | | **267** | **15** | | |

**\*Anganwadi Screening at/by OSC Centers**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Name of the Anganawadi** | **Total screened** | **Total identified with communication disorders** | | |
| **Ear related disorder** | **Hearing loss** | **Speech language disorders** |
| 06.2.2019 | Periyapatna | 59 | 0 | 0 | 3 |
| 20.2.2019 | Periyapatna | 64 | 0 | 0 | 2 |
| 27.2.2019 | Periyapatna | 55 | 1 | 0 | 1 |
| 20.2.2019 | Hunsur | 44 | 0 | 0 | 2 |
| 27.2.2019 | Hunsur | 44 | 0 | 0 | 1 |
| **Total** | | **266** | **1** | **0** | **9** |

1. **Clinical services for the Elderly citizens: screening**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl No** | **Date** | **Name of Place** | **Total Screened** | **Normal Ears** | **Total Identified with Communication Disorders** | | | **Total Rehabilitated for Communication Disorders** |
| **Ear related Disorders (ears)** | **Hearing Loss (ears)** | **Speech Language Disorders** | **Issue of Hearing Aids** |
| **1.** | 2.02.19 | Seva Bharati Public School | 24 | 24 | 0 | 18 | 03 | 0 |
| **2.** | 3.02.19 | Seva Bharati Public School | 25 | 11 | 0 | 33 | 03 | 0 |
| Total | | | 49 |  | | 26 | 06 |  |

1. **Industrial Screening:**

**Hearing evaluation of industrial workers at AIISH:**

The industrial employees during the Industrial screening were followed for detail evaluation. A complete test battery was administered for those clients who came for follow-up. Table 4(c) depicts the statistics related to this activity.

Table 4 (c): Details of the results of follow-up evaluation for Industrial employees.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the industry** | **Total Evaluated** | **Total Number of ears with** | |
| **Normal hearing**  **(Ear wise)** | **Hearing loss**  **(Ear wise)** |
| **Karnataka Silk Industries Corporation Limited (KSIC)** | **32** | **16** | **48** |

**v)**. **Clinical Services at Outreach Service Centers (OSCs):**

The clinical activities are not only restricted to in and around Mysore, but also extended to rural areas where facilities for clinical services for persons with communication disorders were meager. Currently 05 OSCs (01 VMH, Saragur, HD Kote; 02 Sub-divisional taluk hospital at Sagara taluk, Shivamogga District; 03 Primary Health Centre - PHC at Hullahalli, Mysuru district; 04 Akkihebbalu, Mandya district & 05 Karuna trust, Gumballi, Chamarajanagara district) were initiated to meet the objective of extending the services of the institute to rural areas. The OSCs are functioning as a well-equipped unit for screening, diagnostics and therapeutic services for persons with communication disorders. The services include screening, diagnostic and rehabilitation which includes newborn/infant screening, screening of school children, Speech and Language evaluation, Audiological evaluation, ENT evaluation, Speech-Language therapy, issue of free body level hearing aids and ear molds, and counseling and guidance to individuals with communication disorders. The other details are tabulated below in tables 8, 9 & 10.

Table 8: Details of clients identified with communication disorders at the OSCs.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **OSC** | **Total Registered** | **ENT Evaluation=115** | | | **Hearing Evaluation=57** | | **Speech & Language Evaluation=36** | |
| **Normal (Ear Wise)** | **Disorder (Ear wise)** | **ENT related**  **Others** | **Normal (Ear Wise)** | **Disorder (Ear wise)** | **Normal (Individuals)** | **Disorder (Individuals)** |
| **Primary Health Centre (PHC), Hullahalli** | **70** | **25** | **53** | **18** | **2** | **18** | **0** | **4** |
| **Primary Health Centre (PHC), Akkihebbalu** | 25 | 07 | 16 | 8 | 0 | 6 | 0 | 0 |
| **Primary Health Centre (PHC), Gumballi** | **48** | 23 | 32 | 11 | 0 | 18 | 0 | 0 |
| **Sub-divisional Hospital (PHC), Sagara** | 17 | 0 | 0 | 0 | 5 | 29 | 0 | 0 |
| **VMH, Sarguru** | 66 | 0 | 0 | 0 | 10 | 26 | 02 | 28 |
| **Total** | **226** | **55** | **101** | **37** | **17** | **97** | **02** | **32** |

Table 8a. Details of clients followed up (Old clients) at the OSCs.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **OSC** | **Total Follow up cases** | **ENT Evaluation = 39** | | | **Hearing Evaluation= 22** | | **Speech & Language Evaluation=14** | |
| **Normal (Ear Wise)** | **Disorder (Ear wise)** | **ENT related**  **Others** | **Normal (Ear Wise)** | **Disorder (Ear wise)** | **Normal (Individuals)** | **Disorder (Individuals)** |
| **Primary Health Centre (PHC), Hullahalli** | 19 | **4** | **8** | **8** | **0** | **8** | **0** | **0** |
| **Primary Health Centre (PHC), Akkihebbalu** | 12 | 8 | 9 | 1 | **2** | 4 | 0 | 0 |
| **Primary Health Centre (PHC), Gumballi** | 23 | 10 | 12 | 3 | 0 | 12 | 0 | 01 |
| **Sub-divisional Hospital (PHC), Sagara** | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 2 |
| **VMH, Sarguru** | **25** | 0 | 17 | 1 | **3** | **11** | **0** | **11** |
| **Total** | **82** | **22** | **29** | **13** | **09** | **35** | **00** | **14** |

Table 9: Details of clients identified with different types of communication disorders across OSCs (New and old cases)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type of Disorders** | **OSC** | | | |  |
| Primary Health Centre (PHC), Hullahalli | Primary Health Centre (PHC), Akkihebbalu | Primary Health Centre (PHC), Gumballi | Sub-divisional Hospital, Sagara (PHC) Taluk | VMH,Sarguru |
| **Hearing disorders (Ear-wise data)** | | | | | |
| Normal | 3 | 2 | 2 | 5 | 10 |
| Conductive | 4 | 0 | 11 | 9 | 2 |
| Sensorineural | 12 | 4 | 15 | 16 | 17 |
| Mixed | 2 | 0 | 0 | 4 | 7 |
| Profound | 0 | 6 | 4 | 0 | 0 |
| **Total (ears)** | **21** | **12** | **32** | 34 | **38** |
| **Speech &Language disorders (Individuals)** | | | | | |
| Voice | 0 | 0 | 0 | 0 | 0 |
| Fluency | 0 | 0 | 0 | 0 | 1 |
| Articulation disorders | 2 | 0 | 0 | 0 | 2 |
| Language disorders | 2 | 0 | 01 | 0 | 25 |
| Normal | 0 | 0 | 0 | 0 | **00** |
| **Total (Individuals)** | **4** | **0** | 0 | **0** | **28** |

Table 9a: Details of clients followed up with different types communication disorders across OSCs.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type of Disorders** | **OSC** | | | |  |
| Primary Health Centre (PHC), Hullahalli | Primary Health Centre (PHC), Akkihebbalu | Primary Health Centre (PHC), Gumballi | Sub-divisional Hospital, Sagara (PHC) Taluk | VMH,Sarguru |
| **Hearing disorders (Ear-wise data)** | | | | |  |
| Normal | 0 | 2 | 0 | 2 | 3 |
| Conductive | 4 | 0 | 04 | 0 | 3 |
| Sensori- neural | 2 | 0 | 9 | 0 | 8 |
| Mixed | 0 | 0 | 02 | 0 | 0 |
| Profound | 0 | 4 | 03 | 0 | 0 |
| **Aud-Total (ears)** | **6** | **6** | **18** | **4** | **14** |
| **Aud-Total (Individuals)** | **3** | **3** | **06** | **2** | **7** |
|  | | | | | |
| Voice | 0 | 0 | 0 | 0 | 0 |
| Fluency | 0 | 0 | 0 | 0 | 0 |
| Articulation disorders | 0 | 0 | 0 | 1 | 0 |
| Language disorders | 0 | 0 | 0 | 1 | 11 |
| **Sp & Lg -Total (Individuals)** | **0** | 0 | 0 | **2** | **11** |

Table 10**:** Rehabilitation services provided at Outreach service centers.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **OSC** | **Hearing Aids Dispensed** | **Speech-language therapy** | | **Medical Line of Treatment** |
| **No. of clients** | **No. of sessions** |
| Primary Health Centre (PHC), Hullahalli | 0 | 2 | 2 | 0 |
| Primary Health Centre (PHC), Akkihebbalu | 0 | 2 | 4 | 0 |
| Primary Health Centre (PHC), Gumballi | 0 | 6 | 16 | 0 |
| Sub-divisional Hospital, Sagara (PHC) Taluk | 0 | 15 | 99 | 0 |
| VMH, Sarguru | **0** | **18** | **59** | 0 |
| **Total** | **01** | **44** | **170** | **0** |

C) Communication Disorders Screening Camps:

i) Organized by the Institute/POCD/ Others:

* 1. Staff attended Camp at Chamarajanagara on 2nd & 3rd of Feb 2019

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Date** | **Total No. Cases** | **Total No. referred** | **ENT related** | **Hearing loss** | **Hearing aids given** | **Speech & Language issues** |
| **Chamrajnagara Camp (Seva Bharathi Trust Public School, 02.02.19 & 03.02.19)** | | | | | | | |
| 1. | 02.02.2019 | 130 | 73 | 30 | 13 | - | 14 |
| 2. | 03.02.2019 | 33 | 31 | 19 | 24 | - | 4 |
| Total | | 163 | 104 | 49 | 37 | - | 18 |

* 1. Staff at POCD and outside NBS centers attended the Mega Kumbh Health Mela Camp organized by the Ministry of Health and Family Welfare, Government of India

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Date** | **Total No. Cases** | **Total No. referred** | **ENT related** | **Hearing loss** | **Hearing aids given** | **Speech & Language issues** | **Staff Attended** |
| 1. | 22.02.2019 | 39 | 28 | 15 | 12 | 4 | 1 | Ms. Ameena,  Mr. Sujan,  Mr. Ehteshaam &  Mr. Mangal |
| 2. | 23.02.2019 | 55 | 47 | 9 | 36 | 44 | 2 |
| Total | | 97 | 75 | 24 | 48 | 48 | 3 |



* 1. Four (4) Days Residential Camp for children with Cerebral Palsy and developmental delay (along with their parents) at Kenchanahalli, H. D. Kote Taluk (25.2.2019- 28.2.2019):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **Place** | **Activity** | **No. of CP/DD children** | **No.of Family Members** | **Total Participants** |
| 25.2.2019 | Kenchanahalli, H. D. Kote Taluk- | * Inaugration * Orientation * Speech-Language evaluation | 10 | 12 | **22** |
| 26.2.2019 | Kenchanahalli, H. D. Kote Taluk- | * Speech-Language evaluation, * Orientation | 14 | 16 | **30** |
| 27.2.2019 | Kenchanahalli, H. D. Kote Taluk- | * Demonstration oro-motorexcercises * Individual training * Counselling and Home training advice | 15 | 17 | **32** |
| 28.2.2019 | Kenchanahalli, H. D. Kote Taluk- | * Demonstration oro-motor kit * Individual training * Counseling and Home training advice | 14 | 17 | **31** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Camp places** | **Total No. Screened** | | | **Total No. referred** | | |
| **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| 1 | Pediatric camp-Annur | **28** | **30** | **58** | **3** | **2** | **5** |

D. SPECIAL ACTIVITIES

1. Library and information services – Nil
2. Public Information Activities – Nil
3. Exhibition: Nil
4. Material Development: Nil

v) PUBLIC LECTURE SERIES: Nil

vi) AWARDS AND HONOURS RECEIVED BY FACULTY AND STAFF: 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Award | Staff | Event | Details |
| 8th to 10th Feb 2019 | Muktesh Award for Best Paper in Audiology | Nayana. M.,  Tejaswini S.,  Arunraj K.,  Prawin Kumar, Swapna N. | National Conference – 51st ISHACON at Bangalore. | Prevalence of Hearing Impairment and Risk Factors in Newborns under Neonatal Hearing Screening Program in Southern City of Karnataka. |

vii) TECNOLOGICAL CONSULTANCY SERVICES: Nil

viii) EXTRA CURRICULLAR ACTIVITIES: Nil

ix) VISITORS

x) MAJOR EVENTS OF THE MONTH:

* + - 1. **Inauguration of the NBS and OSC center at Kalburgi, Karnataka**

|  |  |  |
| --- | --- | --- |
| Date | Staff | Venue |
| 2nd & 3rd Feb 2019 | Mr. Sujan M.J. and Mr. Arunraj K. | GIMS, Kalburgi |

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* + - 1. **Conducted the first All India Annual NBS Coordinators Meeting through Skype**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Venue | Time | Staff |
| 28th Feb 2019 | Board Room, Administrative Block, AIISH | 10.00 am to 1.30 pm | Dr. Swapna,  Dr. Prawin,  Mr. Arunraj,  Ms. Juanita,  Ms. Shruthi,  Ms. Nayana |

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**xi) OTHERS:**

|  |  |  |
| --- | --- | --- |
| Dept. Related | | |
| S.No | Particulars |  |
| a | Computerization activities | Computerization of OSC is in process. |
| b | OSC Related- | NIL |
| c | NBS related- | NIL |

**xii) Following staffs were relieved from the department: 00**

**xiii) Following staffs were newly recruited to the department: 00**

**xiv) Activities carried out by the staff of the department:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Name of the staff** | **Designation** | **Activities** |
|  | Dr. Swapna. N. | * Associate Professor in Speech Pathology * HOD – POCD | Planned and submitted list of Conferences/Seminars/Workshops for the upcoming Academic Year (2019-20).  Coordinated the Speech and Hearing Camp for Kumbh Mela at Buxar, Bihar on 22nd and 23rd Feb 2019.  Sent compilation of material from Dept. of POCD for Gandhi Peace Prize.  Attended Workshop on ‘Recent Advances in Visualization of the Vocal Folds’ organised by the Dept. of SLS on 23rd Feb 2019.  Coordinated and attended the All India Annual NBS Coordinators’ Meet on 28th February 2019. |
|  | Dr. Prawin Kumar | Associate Professor in Audiology | Attended and presented paper at 51st ISHACON 2019 held at NIMHANS, B’lore on 8th, 9th and 10th February 2019.  Attended the Annual All India NBS Coordinators Meeting 2019 held on 28th February 2019.  Monthly verification of data entry. |
|  | Mr. Arunraj. K | Clinical Assistant | Part of AIISH Team to attend inaugural of OSC at GIMS, Kalburgi from 1st to 4th Feb 2019.  Attended and presented 03 papers in the 2nd Sound Hearing 2030 World Congress International conference, February 20th – 22nd, 2019 at Bali, Indonesia.  Provided information layout in the preparation of Gandhian Peace Prize.  Verification of MoU for Kalbugi OSC and Mumbai NBS centers.  Attended the Annual All India NBS Coordinators Meeting 2019 held on 28th February 2019.  Monthly verification of Students’ (UG & PG) attendance.  Monthly verification of Students’ TA. |
|  | Ms. Tejaswini S | Audiologist Grade I | Attended 51st ISHACON 2019 held at NIMHANS, B’lore on 8th, 9th and 10th February 2019.  Won best paper award in Audiology at the 51st ISHACON at NIMHANS, B’lore on 8th, 9th and 10th February 2019.  Prepared Kannada and Hindi NBS posters . |
|  | Ms. Bincy R Kalam | Speech Language Pathologist Grade I | Preparation of the complete draft of 10 years’ data of Dept. of POCD from 2008 to 2018 for the Gandhi Peace Prize.  Participated in School/Anganwadi Screening at Bommanayakahalli on 25th February 2019.  Verified the brochures of Departmental activities.  Aided in preparation of MOU for Kalburgi OSC centre. |
|  | Ms. Pavana Mohan | Audiologist Grade I | Preparation of the complete draft of 10 years’ data of Dept. of POCD from 2008 to 2018 for the Gandhi Peace Prize.  Participated in School/Anganwadi Screening at Bommanayakahalli on 25th February 2019.  Aided in compilation of topics and justifications for NBS conferences/Seminars/Workshops for the following academic year (2019-20).  Verified the brochures of Departmental activities.  Aided in preparation of MOU for Kalburgi OSC centre.  Prepared Kannada and Hindi NBS posters.  Attended National Seminar on ‘Candidacy and mapping issues in cochlear anomalies’ and ‘cochlear nerve defects’, ‘Outcome measures of cochlear implant’ and ‘Listening training for individuals with hearing Impairment’ from 11.02.2019 to 13.02.2019 |
|  | Ms. Juanita Sharon George | Speech Language Pathologist – Grade I | Attended and presented paper at 51st ISHACON 2019 held at NIMHANS, B’lore on 8th, 9th and 10th February 2019.  Aided in compilation of topics and justifications for conferences/Seminars/Workshops for the following academic year (2019-20).  Aided in coordination of the Speech and Hearing Camp for Kumbh Mela at Buxar, Bihar on 22nd and 23rd Feb 2019.  Participated in School/Anganwadi Screening at Bomanayakahalli on 25th February 2019.  Aided in compilation of 10 years’ data from the Dept. of POCD for the Gandhi Peace Prize.  Preparation of proceedings of the seminar on ‘Ageing and Elderly Care in Communication Disorders: Strategic Guidelines’ organized on 10th and 11th January, 2019.  Attended the Annual All India NBS Coordinators Meeting 2019 held on 28th February 2019.  Preparation of POCD Monthly Report. |
|  | Ms. Prithivi. T. | Audiologist Grade I | Oriented Interns and ENT PG student about Communication Disorders, POCD and its activities.  Preparation of brochure for OSC activities. |
|  | Ms. Nayana P.V. | Audiologist Grade I | Attended camp conducted at the Seva Bharathi Public School, Chamrajnagara, Mysore on 2nd February 2019.  Aided in preparation of proceedings of the seminar on ‘Ageing and Elderly Care in Communication Disorders: Strategic Guidelines’ organized on 10th and 11th January, 2019.  Aided in compilation of 10 years’ data from the Dept. of POCD for the Gandhi Peace Prize.  Preparation of brochure for Newborn screening.  Attended the Annual All India NBS Coordinators Meeting 2019 held on 28th February 2019. |
|  | Ms. Ameena Subhakani | Speech Language Pathologist – Grade I | Attended a camp conducted at the Seva Bharathi Public School, Chamrajnagara, Mysore on 2nd February 2019.  Delivered a talk in the 2 orientation programs conducted at Dept. of POCD, AIISH, Mysore on 13thFebruary 2019.   * AYJNIHH, Mumbai students (19 BASLP students) * JSS, Mysore students (6 medical students).   Preparation of brochure for School screening.  Attended a camp conducted at the Mega Kumbh Mela Health Camp, Buxar, Bihar on 22nd and 23rd February 2019.  Aided in compilation of topics and justifications for Elderly conferences/Seminars/Workshops for the following academic year (2019-20). |
|  | Mr. Sujan M.J. | Audiologist – Grade I | Visited Gulbarga institute of Medical Sciences GIMS for the organizing the inaugural function of New OSC at Kalburgi between 01.02.2019 and 04.02.2019.  Attended a camp conducted at the Mega Kumbh Mela Health Camp, Buxar, Bihar on 22nd and 23rd February 2019. |
|  | Ms. Shruthi | Audiologist – Grade I | Participated in School/Anganwadi Screening at Bomanayakahalli on 25th February 2019.  Attended the Annual All India NBS Coordinators Meeting 2019 held on 28th February 2019.  Aided in compilation of 10 years’ data from the Dept. of POCD for the Gandhi Peace Prize. |
|  | Ms. Thasni Jahan K | Speech Language Pathologist – Grade II | Attended a camp conducted at the Seva Bharathi Public School, Chamrajnagara, Mysore on 2nd February 2019.  Aided in compilation of 10 years’ data from the Dept. of POCD for the Gandhi Peace Prize.  Preparation of brochure for elderly screening. |
|  | Mr. Harish Kumar M.K. | Audiologist – Grade II | Preparation of Screening Card for NBS.  Preparation of list for Special Days in relation to Communication Disorders and list of activities for the same. |
|  | Ms. Angeline K | Audiologist – Grade II | Attended a camp conducted at the Seva Bharathi Public School, Chamrajnagara, Mysore on 2nd February 2019  Delivered a talk in the 1 orientation program conducted at Dept. of POCD, AIISH, Mysore on 14thFebruary 2019.   * AYJNIHH, Mumbai students (20 BASLP students)   Preparation of brochure for Industrial screening. |

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| **Sd/-**  **Head, Dept. of POCD** |