**Center for Rehabilitation and Education through Distance Mode**

**(CREDM)**

SH/CREDM/Ann Rep/2013 28.03.2013

Submitted to Director

Sub: Submission of Annual Report of CREDM for the period April 2012-March 2013

Please find enclosed the annual report of the department for the period April 2012 to March 2013. The information about CREDM is filled in red. The soft copy is mailed to lio@aisshmysore.in

Dr. R. Manjula

HOD, CREDM

**Center for Rehabilitation and Education through Distance Mode**

**(CREDM)**

**ANNUAL REPORT 2012-13**

1. ACADEMIC ACTIVITIES
2. Short-term Training Programs

* Theme /Topic
* Coordinator
* Objectives
* Target Audience
* Number of Participants
* Date

1. Orientation Programs

* **Theme /Topic:** About Centre for Rehabilitation and Education through Distance Mode (CREDM), its objectives, activities and facilities offered for persons with communication disorders.
* **Coordinator:** Prof. R. Manjula
* **Objectives:** To acquaint the staff members posted at different DHLS centre about Centre for Rehabilitation and Education through Distance Mode (CREDM), its objectives, activities and facilities offered for persons with communication disorders.
* **Target Audience:** Speech and Language Professionals and Personnel posted at the DHLS centres.
* **Number of Participants:** 22
* **Date:** 15.01.2013 to 21.02.13

1. Clinical Observation Posting of Students from other Institutes
   * + - Number of Students
       - Course
       - Institute
       - Date
2. Seminars/Conferences/Workshops

* **Theme /Topic:** National Seminar on Tele-Assessment and Intervention for Persons with Communication Disorders
* **Coordinator:** Prof. R. Manjula
* **Objectives** were as follows

1. Provide and review updates on the technology and infrastructure required for electronic mode
2. Deliberate on feasibility of service delivery for persons with communication disorders through electronic mode
3. Deliberate on Issues related to tele assessment and intervention for persons with speech, language and hearing disorders

* **Target Audience:** Post Graduate Students, Speech Hearing Professionals and Information Technology Professionals
* **Number of Participants:** 104
* **Date:** 21-22 February 2013

1. Guest Lectures

* Name, Designation and Institutional affiliation of Lecturer
* Topic of Lecture
* Date

1. Additional Academic Services rendered by the Faculty and Staff
2. Invited Talks
3. Curriculum Development
4. Development of Materials to support Learning

Resource books were developed for Caregivers of Children with Hearing Impairment in Hindi, Kannada and English in the report period. The details are as follows:

Table 1: *Details of the resource books and the language in which it is printed*

|  |  |  |
| --- | --- | --- |
| Sl No | Title of the Resource book | Language/s in which printed |
| 1 | *Resource Book 1:*  Train your Child – Level I | Hindi |
| 2 | *Resource Book II:*  Train your Child Level III | English |
| 3 | *Resource Book III:* Train your Child Level II | Kannada |
| 4 | *Resource Book IV:* Train your Child Level II | Hindi |
| 5 | *Resource Book III:* Train your Child in Pre academic Skills | English |

1. Service in Academic bodies of other Organizations
2. Membership in Professional Organizations/Associations
3. Participation in Committees/ Taskforces and Panels set up by other organizations/agencies.
4. Any Other (Please Specify)

II. Research Activities

1. Research Projects

i) Completed Research Projects

* Title
* Objectives
* Investigators
* Funding Source
* Grant Amount

ii) New Research Projects (Initiated during 2012-13)

* Title
* Objectives
* Investigators
* Funding Source
* Grant Amount

iii) Ongoing Research Projects

1. **Title:** Categorical semantic mapping: Priming based comparison of semantic & lexical semantic distance in major lexical categories.

**Objectives:**

1.      To establish the most facilitating or most interfering (as the case may be) stimulus onset asynchrony for categorical semantic priming on items of lexical categories

2.      To estimate the picture naming latency for items of lexical categories with categorical semantic primes presented pictorially and orthographically

3.      To estimate the visual-word naming latency for items of lexical categories with categorical semantic primes presented pictorially and orthographically

4.      To estimate the picture naming latency for items of lexical categories with unrelated primes presented pictorially and orthographically

5.      To estimate the visual-word naming latency for items of lexical categories with unrelated primes presented pictorially and orthographically

6.      To estimate the picture naming latency for items of lexical categories with no primes

7.      To estimate the visual-word naming latency for items of lexical categories with no primes

8.      To compare and contrast the naming latencies across each of the prime and target varieties to arrive at the semantic and lexical-semantic distances for drawing semantic maps

**Investigators**

Principal Investigator: Mrs. Priyanka Shailat, Research Assistant, CREDM

Co-Investigator: Mr. Varun Uthappa. A. G, SLP-II, Dept. Of Clinical Services

Research officers: Ms. Rhea Korah (1.10.12-31.01.13), Ms. Sangeetha. G.S (1.03.13 onwards)

**Funding Source:** AIISH Research Fund

**Grant Amount: Rs.** 3, 17,000

1. **Title:** Process evaluation and comparison of modules of out-reach service center as a factor of type of volunteer engaged in the activity.

**Objective:**

1. To evaluate the process of rehabilitation and its efficacy in three out-reach service centers at Akkihebbal, Hullahalli and Gumballi of communication disorders.
2. To compare the outcome and impact of rehabilitation modules adapted in three out-reach service centers.
3. To check for various Speech, Language and Hearing disorders across different age groups in rural population.

**Investigators:**

Principal Investigator: Prof. S. R. Savithri, Director, AIISH

Co-Investigator: Prof. R. Manjula, Head, CREDM and Dr. H. Sudharshan, Karuna Trust

Research officers: Ms. Aishwarya N. D.

Speech and Hearing Technician: Mr. Niranjan D

**Funding Source:** AIISH Research Fund

**Grant Amount:** Rs. 7, 50,711

1. Doctoral and Post Doctoral Programs : Nil
2. Degree Awarded
3. Thesis Submitted
4. Under Progress
5. Research Papers presented at National/International Conferences/ Seminars (in APA format) : Nil
6. Research Papers Published (in APA format) : Nil

i) Papers published in National /International Journals

ii) Papers published in Conference/Seminar Proceedings

1. Research Papers in press: Nil
2. Books published (in APA format)

Details of Books published are as follows:

* Ananthi, T., Anjana, S., Preethi, T. T., Somy, E. S., Seema, M., Sinthiya, K., Sruthy, H., & Sachin, L. C. (2012). Apne Bacche ko Sikhaye- Star-1. All India Institute of Speech and Hearing, Mysore-6
* Ananthi, T., Anjana, S., Preethi, T. T., Somy, E. S., Seema, M., Sinthiya, K., Sruthy, H., Aswathy, A. K., Badariya, M., & Darshan, S. (2012). Apne Bacche ko Sikhaye- Star-2. All India Institute of Speech and Hearing, Mysore-6
* Ananthi, T., Anjana, S., Preethi, T. T., Somy, E. S., Seema, M., Sinthiya, K., Sruthy, H., Aswathy, A. K., Badariya, M., & Darshan, S. (2012).Nimma Maghuvina Tharabethi- Hantha 2. All India Institute of Speech and Hearing, Mysore-6
* Priyanka, S., Lydia, M. I., Neenu, S., Ramya, H. Y., & Vipina, V. P. (2012). Train Your Child- Level 3. All India Institute of Speech and Hearing, Mysore-6
* Malar, G. (2012). Train Your Child in Pre-academic Skills. All India Institute of Speech and Hearing, Mysore-6

1. Book chapters published (in APA format): Nil

1. Books in press: Nil

Books/Manuals/Seminar Proceedings edited: Proceedings of the National seminar on ‘Tele assessment and Tele intervention for persons with communication disorders’

1. Journal Editorship: Nil
2. Scholarly Reviewing Activities: Nil

i) Reviewer for Scholarly Journals

ii)Reviewer for Scholarly Conference Papers

iii) Reviewer for Research Projects

III.Clinical Services

1. General Clinical Services: Nil
2. Speech and Language Assessment
3. Speech and Language Rehabilitation
4. Hearing Evaluation
5. Hearing Aid Trial
6. Hearing Aid Dispensing
7. Psychological Evaluation
8. Counseling and Guidance
9. Ear Moulds
10. Hearing Aid Issue and Electro-Acoustic Evaluation (ADIP Scheme, Ministry of Social justice)
11. AIISH Hearing Aid Dispensing Scheme
12. Specialized Clinical Services: Nil
13. Augmentative and Alternative Communication Unit
14. Autism Spectrum Disorder Unit
15. Fluency Unit
16. Learning Disability Clinic
17. Listening Training Unit
18. Neuromotor Speech Disorder Unit
19. Pre-School Training and Special education
20. Professional Voice Care Unit
21. U-SOFA
22. Vertigo Clinic
23. Voice Clinic
24. Any other (Please Specify)
25. Clinical Support Services to Patients and Family: Nil

i) Details of Certificates Issued

ii) Financial Aid

iii) Legal advice

iv) Any other (Please Specify)

1. Clinical Electronic Services: Nil

i) Electro-Acoustic Evaluation

ii) Hearing Aid Dispensing

iii) Repair of Hearing Aids

IV. Extension Activities

1. **Rehabilitation and Education through Distance Mode**
2. Man Power Development:

Table 2: *Total number of students trained in CREDM Department during their postings, April 2011 – March 2012*

|  |  |
| --- | --- |
| Class of the Student | Number of Students |
| I MSc. (Speech Language Pathology) | 34 |

1. Clinical Activities:

*A] Tele diagnosis and Tele rehabilitation:*Tele intervention and tele assessment were conducted through videoconferencing for persons with communication disorders and their caregivers. CREDM provided services at 10 DHLS centers from Monday to Friday between 10:00 A.M. and 12 A.M.

Table 3: *Tele Rehabilitation of Persons with Communication Disorders for the duration of April, 2012 to March 2013*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tele -intervention** | | | | | |
| Child Language disorders | Adult language disorders | Voice | Articulation | Fluency | Total |
| 77 | 01 | 17 | 18 | 50 | 163 |

Figure 1*:* *Details of tele rehabilitation provided to persons with communication disorder from April 2012 to March 2013*

**B] Educational guidance through videoconferencing**

Educational guidance was provided to children with communication disorders by Dr. G. Malar, Reader in Special Education, through videoconferencing at the 10 DHLS study centres of AIISH.

Table 4: *Details of Educational guidance given to Children with Communication Disorder during April 2012 to March 2013*

|  |  |
| --- | --- |
| Nature of Guidance | Number Of Children With Communication Disorder Seen |
| Educational Guidance | 24 |

1. **Material Development:**

* Multimedia product on communication disorders : Nil
* CD: Nil
* Movies developed: Nil
* Software’s Developed: Nil
* Any Other

Table 5: *Details of Materials developed through graphic designing*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Month/Yr** | **Materials designed** | **Quantity** | **Work ordered by** |
| 1. | April 2012 | Cover page Design for the book **Level-1** Hindi | Two | Dept. Of CREDM |
| 2. | May 2012 | Cover page Design for the book **Level-2 Kannada** | One | Dept. Of CREDM |
| Inner layout design for the book **Level-2 Kannada** | One | Dept. Of CREDM |
| Illustrations for the book **Level 3 English** | five | Dept. Of CREDM |
| 3. | June 2012 | Cover page & Inner layout for the book **Parent & child-English** | 8 pages | Dept. Of Special Education |
| Cover page & Inner layout for the book **Level 3** English |  | Dept. Of CREDM |
| Cover page & Inner layout design for the book **Level-1 Hindi** |  | Dept. Of CREDM |
| Cover page& Inner layout Design for the book **Level-2 Kannada** |  | Dept. Of CREDM |
| Illustrations for the book **Train your child in Pre-academic skills** |  | Dept. Of CREDM |
| 4. | July 2012 | Cover page & Inner layout for AIISH Annual Report | Cover page & inner 80 pages | Library |
| 5. | August 2012 | Designing of **Parkinson’s Disease help line website** home page | 3 | Dept. Of CREDM |
| 6. | September 2012 | Cover page & Inner layout for the book **Train your child in pre-academic Skills** |  | Dept. Of CREDM |
| Cover Page & Inner layout for the book **Level-2 Hindi** |  | Dept. Of CREDM |
| 7. | October 2012 | Poster Design **f**or Dasara exhibition | 1 | Dept. Of CREDM |
| Cover page & Inner layout for **Malayalam Handout** | Cover page & inner 15 pages | Dr. Shyamala. K.C |
| 8. | November 2012 | 16\*24 poster Design of CREDM centers and Map | 1 | Dept. Of POCD |
| Open dayInvitation card Design | 1 | Director |
| 9. | December 2012 | Cover pages of **Plagiarism hand Book** | 13 | Through Director (Mr.RamKumar-Academics) |
| **Cuhoo. Chuoo..News letter design Vol.4, No.2**  Oct to Dec-2011 | New Design & 4 Pages | Through Director  (Dr. P Manjula) |
| Illustration for the book **Train your child Level 4** |  | Dept. Of CREDM |
| 10. | January 2013 | Cover page & Inner Layout design for the book **Train Your child Hind Level-3** |  | Dept. Of CREDM |
| 1.Brochur Design  2.Invitation card design  3.Certificate Design  for National seminar on Tele-Assessment and intervention for persons with communication Disorders |  | Dept. Of CREDM |
| 11. | February 2013 | Video recording and editing for National seminar on Tele-Assessment and intervention for persons with communication Disorders |  | Dept. Of CREDM |
| Illustrations for the book **Training in attention and concentration** | 22 | Dept. Of CREDM |
| 12. | March 2013 | **NAAC SLS Brochure** design |  | Dr. R Manjula |
| Cover page & Inner layout design for proceedings of the National seminar on Tele-Assessment and intervention for persons with communication Disorders |  | Dept. Of CREDM |

**CREDM website:** CREDM has its own website to help persons with communication disorders and their caregivers. The website acts as a forum to address the queries related to communication disorders, their assessment and management. It also contains resource materials for the same purpose. Hit points on CREDM website during April 2012 to March 2013 are 3788

**Visitors:**

* Dr. Kumarswamy, Chief Medical Officer, Tirupati, visited the department and purchased 4 books (Parent and Child, Train your Child Level 1, Train your Child Level 2 and Train your Child Level 3) in English
* Mr Chandan from Cuttack, Ms. Sanjita from Imphal and Ms. Shubha from Imphal, trainees for New Born Screening visited the center on 15.02.13

1. Prevention of Communication Disorders
2. Communication Disorders Screening Camps

Staffs from CREDM participated in a camp which was organised in the month of April, 2012. The details of the camp are given in the table below:

Table 6: *Details of CREDM staffs attended camp in April, 2012*

|  |  |  |
| --- | --- | --- |
| **Date** | **Camp Place** | **Staff Posted** |
| 02/04/2012 | Honnur School | Priyanka S |
| 03/04/2012 | Honnur School | Vipina |
| 04/04/2012 | Yaladar School | Ramya |
| 09/04/2012 | Hura & Madhuvinahalli PHC | Ramya |
| 10/04/2012 | Hura & Madhuvinahalli PHC | Vipina |
| 11/04/2012 | Kasuvinahalli School | Priyanka S |
| 12/04/2012 | Kasuvinahalli School | Neenu |
| 13/04/2012 | Yadiyala PHC | Lydia |
| 16/04/2012 | Mandagere PHC | Lydia |
| 17/04/2012 | Beeruvalli PHC | Neenu |
| 18/04/2012 | Somanahalli PHC | Priyanka S |
| 19/04/2012 | Akkihebbalu PHC | Ramya |
| 20/04/2012 | Gowadahallo PHC | Lydia |
| 23/04/2012 | Gumballi PHC | Vipina |
| 26/04/2012 | Chandravadi PHC | Neenu |
| 27/04/2012 | Hullahalli PHC | Vipina |

1. Orientation Programs
2. Public Lecture Series

V.Technological Consultancy Services

VI.Central Facilities

1. Library and Information Services
2. Public Information Activities
3. Major Events of the Year with a brief account
4. Press Releases and Media Civerage
5. Institute Publications
6. Material Development

VII.Awards and Honors Received by Faculty and STAFF:

* Prof. R. Manjula, Head, CREDM received Rathna Oration Award at 45th ISHACON held at Chennai for her incredible contribution to the field of speech and hearing.
* Token of appreciation was given to Mrs. Chandni Jain, Lecturer, Dept. of Audiology and Mrs. Priyanka Shailat, Research Assistant, CREDM for work done in Hindi language on the occasion of Hindi week.

VIII.Extra Curricular Activities: Nil

1. AIISH Gymkhana
2. NSS
3. Others

Ix.MAJOR EVENTS OF THE YEAR

x. Eminent Visitors

* Dr. A. P. J. Abdul Kalam, Former President of India visited the department on 18.05.2012
* Mrs. Sujaya Krishnan, Joint Secretary, Ministry of Health and Family Welfare visited CREDM on 03.07.13.
* Sri Soudip Bandhopadhaya, Union Minister of State, Ministry of Health and Family Welfare visited the department on 05.07.12.

XI.Any Other

Dr. R. Manjula

HOD, CREDM