**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE-6**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

No. SH/SLP/AR/2014-15 15.4.2015

Submitted to the Director:

Sub: Preparation and submission of draft material for Annual Report

for the year 2014-15.

Ref: Circular No. SH/LIC/AR/2014-15, dated 23.3.2015.

With reference to the above, please find enclosed the draft material for Annual Report for the year 2014-15 pertaining to the Department of Speech-Language Pathology, as desired. Soft copy of the same with photos is mailed to [aiishreports@gmail.com](mailto:aiishreports@gmail.com).

HOD-Speech-Language Pathology

**ALL INDIA INSTITUTE OF SPEECH & HEARING: MYSORE – 570 006**

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY**

**ANNUAL REPORT FOR THE YEAR 2014-15**

1. **ACADEMIC ACTIVITIES**
2. **Short-term Training Programs / Orientation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Theme / Topic of the Program** | **Coordinator** | **Objectives** | **Target Audience** | **No. of Participants** | **Date** |
| Training ASHA workers for identification of hearing, speech and language disorders through survey w.r.t. the project titled “Survey of communication disorders by trained ASHA workers in the districts of Mysore, Mandya and Chamarajanagara” | Dr. R. Manjula & Ms. N.D.Aishwarya | Training of ASHA workers to conduct the survey | ASHA workers from Arakere, Kasaba, Belagola and K. Settahalli hoblis of Srirangapatna taluk | 77 | 17.7.14 & 18.7.14 |
| Orientation on Speech-Language Disorders & Activities of the Department | Ms. Gayathri Krishnan | To orientation to various various disorders of communication, behavioural and objective methods of assessment of communication disorders, and activities of special clinics | PG ENT KIMS, Hubli | 2 | 21.10.14 |
| PG ENT VIMS, Bellary | 1 | 10.11.14 |
| PG ENT VIMS, Bellary | 1 | 17.11.14 |
| PG ENT VIMS, Bellary | 1 | 20.11.14 |
| PG ENT Sri B. M. Patil Medical College Bijapur | 1 | 20.11.14 |
| PG ENT SS Medical College Davanagere | 1 | 9.12.14 |
| PG ENT Mysore Medical College Mysore | 1 | 26.12.14 |
| 1 | 2.1.15 |
| Dr.Deepa.M.S. |  | PG ENT Shah Government Medical College Gujarat | 1 | 18.12.14 |
| Ms. Shylaja.K |  | P.G. ENT Gujarat Medical College and Mysore Medical College | 3 | 5.2.15 |
| PG ENT from S.S.Institute of Medical Sciences and Research Center, Davangere. | 1 | 24.3.15 |

**B) Clinical Observation Posting of Students from other Institutes : Nil**

**C) Seminar/Conference/Workshop conducted:**

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| --- | --- | --- | --- | --- | --- |
| **Theme /Topic Topic of the Program** | **Coordinator** | **Objectives** | **Target Audience** | **No. of Partici-pants** | **Date** |
| Seminar on Role of Assistive Technology in the Management of Persons with Cerebral Palsy | Dr. N. Swapna & Ms. Deepthi K.J. | Educate the audience about assistive technology for children with cerebral palsy,  for domains such as communication, motor functioning, positioning, etc. | Student trainees in the field of Speech-Language Pathology and Audiology and practicing Speech-Language Pathologists | 116 | 26-27th August 2014 |
| Seminar on Dementia Risk Reduction: A wakeup call for the Brain | Dr. S. P. Goswami | * Enrich on various Dementia risk reduction issues from medical, pharmaceutical, Ayurvedic, Speech Language Pathologist and Physiotherapist perspective. * Creating awareness among different professionals about the services offered by AIISH, Mysore. * Build better professional networking across the discipline. * To develop research collaborations across discipline | Graduate (V semester, Sp. & Hg.)) and Post Graduate students ( III semester)of Speech- Language Pathology, Graduates from Pharmacy, Ayurveda, Nursing, Science and Life Sciences | 150 | 27th Sept. 2014 |
| Multispeciality camp on account of National Cerebral Palsy Day | Dr.N. Swapna | To screen, assess and provide guidance with regard to the associated problems in children with cerebral palsy | Children with cerebral palsy | 122 | 24th and 25th Nov 2014 |
| Follow up on vision disorders in Children with Celebral Palsy | Dr.N.Swapna | To assess and provide guidance with regard to the visual problems in children with cerebral palsy | Children with cerebral palsy | 77 | 18th - 19th Dec. 2014 |
| National Workshop on Rehabilitation of Persons with Cleft Lip and Palate | Dr.M.Pushpavathi & Dr. M.S. Deepa | To impart theoretical and practical training to the participants on assessment and rehabilitation of persons with cleft lip and palate | Student trainees from the other speech and hearing institutes and speech language pathologists practicing in private hospital set up. | 86 | 30th - 31st March 2015 |

**D) Staff Enrichment / In-house Training Programmes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Theme /Topic Topic of the Program** | **Coordinator** | **Objectives** | **Target Audience** | **No. of Partici-pants** | **Date** |
| 1. | In-house practical training for the use of SPSS software | Dr.Vasantha Lakshmi M S & Mr. C.D. Santosha | To train students in data entry and basic data analysis using SPSS | II M.Sc. (SLP & AUD) students | 44 | 5.4.14 |
| 2. | Introduction to types of data [Categorical, Ordinal, Numerical] and Data entry in SPSS software | To train participants for data entry using SPSS | Faculty/ Staff/ JRF | 13 | 24.4.14 |
| 3. | Extracting frequency tables, Crosstabs, Graph and Diagrams | Hands on training for generation of tables, graphs and diagrams using SPSS | 12 | 1.5.14 |
| 4. | Descriptive Statistics Measures of central tendency and dispersion | Hands on training on measures of central tendency and dispersion using SPSS | 15 | 8.5.14 |
| 5. | Linear Correlation and Regression |  | Hands on training on Linear Correlation and Regression procedures using SPSS | 8 | 15.5.14 |
| Introduction to types of data Categorical, Ordinal, Numerical and Data entry in SPSS, Sample data feeding) and Extracting frequency tables, Crosstabs Graph and Diagrams |  | Hands on training on data entry , generation of tables, graphs and diagrams using SPSS | 5 | 26.5.14 |
| 6. | Descriptive Statistics. Measures of central tendency and dispersion, Linear Correlation and Regression |  | Hands on training on measures of central tendency, dispersion, linear correlation and regression using SPSS | 5 | 27.5.14 |
| 7. | Test for Normality – KS test, Box plots and Comparison of two means – t-test |  | Hands on training on tests for normality , t-tests using SPSS | 8 | 28.5.14 |
| 8. | One-way and Two-way ANOVA, Repeated Measures ANOVA, MANOVA |  | Hands on training on One-way and Two-way ANOVA, Repeated Measure  NOVA and MANOVA using SPSS | 7 | 29.5.14 |
| 9. | Non-parametric tests (Mann-Whitney, Wilcoxon’s, Kruskal- Wallis, Friedman test) and Qualitative Data Analysis (Chi-square test, Mc Nemar test) |  | Hands on training on Non-parametric tests , Chi-square test, Mc Nemar test using SPSS | 7 | 30.5.14 |
| 10. | Test for Normality and Comparison of two means |  | Hands on training on K-S test and t-tests using SPSS | 8 | 5.6.14 |
| 11. | (One-way and Two-way ANOVA, MANOVA and Repeated Measures ANOVA) |  | Hands on training on different types of ANOVA using SPSS | 10 | 11.6.14 |
| 12. | Nonparametric tests and Qualitative Data Analysis |  | Hands on training on Non-parametric tests, Chi-square test, Mc Nemar test using SPSS | 9 | 12.6.14 |

**E) Guest Lectures**

|  |  |
| --- | --- |
| **Name, Designation and Institutional affiliation of Lecturer** | Dr. Anil , Orthodontist  JSS Hospital, Mysore |
| **Topic of Lecture** | Role of orthodontists in Management of CLP: Some evidence |
| **Date** | 30.4.14 |

|  |  |
| --- | --- |
| **Name, Designation and Institutional affiliation of Lecturer** | Dr. Sathish, H.  Consultant Plastic Surgeon, Vikram Hospital  Mysore |
| **Topic of Lecture** | General principles of plastic surgery |
| **Date** | 11.05.2014 |

|  |  |
| --- | --- |
| **Name, Designation and Institutional affiliation of Lecturer** | 1. Yogashree Dr. A.R. Seetharam,Former Principal, Sri Ramakrishna Institute of Moral & Spiritual Education, Mysore & Founder 2. Director of Paramahamsa Yoga Therapy Centre, Mysore 3. Dr. Anjana B. Ram, Lecturer in Speech Pathology, AIISH |
| **Topic of Lecture** | Guest Lecture on Effect of Yogic Breathing and Pranayama on stuttering |
| **Date** | 11.9.2014 |

**F) Additional Academic Services rendered by the Faculty and Staff**

1. **Invited Talks**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Name of the faculty/ staff** | **Event** | **Topic of lecture** | **Date** | **Venue & address** |
| 1. | Dr. K.C.Shyamala | Autism Awareness Day | About Autism Disorders | 16.4.14 | Rotary Center, Hebbal, Mysore |
| 2. | Dr.M.Pushpavathi | Special Lecture | Assessment and manage-  ment of speech in cleft lip and palate | 23.7.14 | M. V. Shetty College of Speech and Hearing Mangalore |
| 3. | Dr.N. Swapna | Talk through Video to the parents and staff in different DHLS centers in India | Cerebral palsy and swallowing disorders | 8.7.14 | Dept. of CREDM AIISH, Mysore |
| 4. | Dr.S.P.  Goswami | Faculty Meet | About Post doctoral work in US | 14.8.14 | AIISH, Mysore |
| 5. | Dr.N. Swapna | Seminar on Role of Assistive Technology in the Management of Persons with Cerebral Palsy | An Overview on Assistive Technology and its Application in Persons with Cerebral Palsy | 26.7.14 | AIISH, Mysore |
| 6. | Dr.N. Swapna | Seminar on Role of Assistive Technology in the Management of Persons with Cerebral Palsy | Assistive Aids to Facilitate Feeding in Persons with Cerebral Palsy | 27.7.14 | AIISH, Mysore |
| 7. | Dr.K.C.  Shyamala | Special lecture | Children with Autism and their Curriculum Development & Modification | 26.9.14 | JSS Medical College, Mysore |
| 8. | Dr. M. Pushpavathi | Paedoconscientia IV | Role of speech language pathologist in the assessment and management of persons with cleft lip & palate | 2.9.14 | KVG Dental College & Hospital Sullia, Dakshina Kannada District |
| 9. | Dr. M. Pushpavathi | Special lecture | Speech production mechanism | 26.9. 14 | IIT, Guwahati |
| 10. | Dr. S. P. Goswami | Workshop and training programme for Alzheimer's patient and care givers | Setting the facts and rights of persons with Dementia – from consumer’s perspective | 12.9.14 to 13.9.14 | Sarada Vilas College of Pharmacy, Mysore |
| 11. | Dr.N. Swapna | Scientific program and implementa-tion of Hindi | Communication disorders- an overview | 21.10.14 | Bhabha Atomic Research Center, RMP, Yelwal, Mysore |
| 12. | Dr Anjana B Ram | International Stuttering Awareness Day | Myths and facts about stuttering | 28.10.14 | AIISH, Mysore |
| 13. | Dr.K.C.Shyamala | Audio-Video Method: From Recording to Analysis : Application in Diagnosis and Interaction in SLP and Audiologist | Application of Audio-video Recording in Child Language Disorders for Research | 11.10.14 | NIMHANS Bangalore |
| 14. | Dr.Jayashree C. Shanbal | DDPI, Mysore | Identification of Learning disability in school children | 20.10.14 | Jawahar Navodaya Vidyalaya, Mysore |
| 15. | Dr. M. S. Deepa | Audio-video methods – from recording to analysis” Applications in Diagnosis & Intervention in Speech Language Pathology and Audiology | Application of Audio-video methods in persons with cognitive deficits- Recording and analysis in the clinical population of Dementia/TBI | 11.10.14 to 12.10.14 | NIMHANS Bangalore |
| 16. | Dr.K.C.Shyamala | CME Program on Current Perspectives in Child & Adolescent Mental Health | Autism | 9.10.14 | JSS Medical College Mysore |
| 17. | Dr.SwapnaN. | Orientation program on disability management | Cerebral Palsy: causes, types and management | 24.12.14 | Old DDPI Building, Mysore |
| 18. | Dr. Jayashree C Shanbal | Orientation program on disability management | Causes and Characteristics of Autism Spectrum Disorders | 23.12.14 | Old DDPI Building, Mysore |
| 19. | Dr. Deepa M. S. | Home based volunteers training | Autism- Nature, characteristics and Management | 27.12.14 |
| 20. | Dr.Jayashree C. Shanbal | Volunteers deputed by the DDPI, Mysore | Causes and Characteristics of Autism Spectrum Disorders (in Kannada) | 23.12.14 | AIISH, Mysore |
| 21. | Dr.N. Swapna | Refresher course for SLPs and Audiologists (RBSK) | Management- Speech and Language Therapy for children with Communication Disorders | 23.12.14 |  |
| 22. | Dr. Deepa M. S. | Workshop on Teachers training program on Autism | 1. Autism: nature and characteristics 2. Autism: diagnosis and management 3. Autism-curriculum and classroom management 4. Modifications and accommodations for children with autism in regular classroom situations. | 8.1.15 | Sneha Kiran Spastic Society,  Bogadi, Mysore |

1. **Curriculum Development:**

**Dr.R.Manjula**

1) Prepared & compiled the draft on “Modifications in the scope of practice of

Speech - Language Pathologists & Speech & Hearing Assistants” prepared by the Ad Hoc committee of ISHA (RCI) in April 2014.

2) Prepared modified draft for few courses in BASLP program as a member of subcommittee formed by RCI in December 2014.

3) Served as member, BOS for syllabus formation for BASLP program at Dharwad University, Karnataka in December 2014.

1. **Development of Materials to Support Learning: Nil**
2. **Service in Academic bodies of other Organizations:**
3. **Dr. K.C. Shyamala**
4. Examiner - Osmania University of Andhra Pradesh, Calicut University & Kerala University, Bangalore University, Banaras Hindu University, Allahabad, UP.
5. Peer reviewer for projects of AYJNIHH, Mumbai and CSIR, New Delhi.
6. Ph.D. examiner for Osmania University, Banaras Hindu University, MAHE University and NIMHANS.
7. Reviewer for Edujournals (online)

**2. Dr. R. Manjula**

1. Member of Doctoral Committee for Ph.D. thesis, ISH, Bangalore
2. Member of BOE ComDEALL Trust in affiliation with the KSOU, Karnataka
3. President of ISAAC- India Chapter
4. Chairperson, Scientific Committee, ISHA
5. Ph.D examiner for MAHE, Manipal

**3. Dr. M. Pushpavathi**

1. EC Member (ISCLPCA) Indian Society for Cleft Lip, Palate and Craniofacial Anomalies
2. SLP Expert for ICMR task force project on CLP
3. Member, Scientific Committee Cleft con 2017

4. **Dr. N. Swapna**

1. Member of BOS for courses run by Com DEALL Trust, in collaboration with KSOU, Mysore

**5. Dr. Brajesh Priyadarshi**

1. Editorial member, The Linguistics Journal
2. **Participation in Committees / Taskfores and Panels set up by other Organizations / Agencies**

**Dr. R. Manjula**

1) Core Member- Independent expert in the Technical Resource Group (TRG) for

Developmental delays including disabilities of National program – Rashtriya Bala

Swasthya Karyakram (RBSK) of Ministry of Health and Family Welfare, GOI.

2) Member, National Curricular Task force on curricular standardization process / or

the Allied Health Profession – Audiology & Speech-Language Pathology, as a part

of National Initiative for Allied Health Sciences (NIAHS), by Ministry of Health &

Family Welfare, Govt. of India.

**Dr.R.Manjula & Dr.S.P.Gowami**

1) Served as RCI inspectors for evaluation of programs run by few institutions in India.

1. **Any Other (Please Specify) :**

1) As Chairperson of the committee nominated by the Director, AIISH, Dr.R.Manjula

compiled, prepared & presented the proposal titled “Road map for prevention of

communication disorders along with tele assessment and rehabilitation in 100

government hospitals” in November 2014.

2) As chairperson of the committee nominated by the Director, AIISH, Dr K.C.Shyamala

compiled, prepared & presented the proposal titled “ Land Acquisition for AIISH like

centres”in November 2014.

1. **RESEARCH ACTIVITIES**
2. **Extramural Research Projects**
3. **Completed Research Projects during 2014-15 (***Include only if the Principal Investigator is from the Department)- Nil*

**ii) New projects initiated during 2014-15**

|  |  |  |
| --- | --- | --- |
| **1.** | **Title** | **Simple reaction time and P300 measures as potential indicators of cognitive linguistic processing** |
|  | **Objectives** | To compare the measures obtained on P300 and SRT using specific linguistic tasks on normal hearing adults and geriatrics |
|  | **Investigators** | Principal Investigator: Dr. R. Manjula, Co I. Dr. P. Manjula |
|  | **Funding Source** | Department of Science and Technology (DST) |
|  | **Grant Amount** | ` 6,00,380/- |

|  |  |  |
| --- | --- | --- |
| **2.** | **Title** | **Development and standardization of High Risk Register in ASD children** |
|  | **Objectives** | To develop a HRR for identification of children with ASD and to standardize the HRR |
|  | **Principal and Co- Investigator(s)** | Principal Investigator : Dr. K.C. Shyamala |
|  | **Funding Source** | Indian Council of Medical Research (ICMR). |
|  | **Fund** | ` 6,32,232 |
|  | **Status** | Ongoing |

|  |  |  |
| --- | --- | --- |
| **3.** | **Title** | **Association of psychosocial and communicative behaviour related to genes in children with ASD in an Indian population** |
|  | **Objectives** | To study the genetic association between genes and ASD |
|  | **Principal and co- Investigator(s)** | Principal Investigator : Dr. Shyamala. K.C.  Co-Investigator: Dr.Chandrashekar, Research Associate, ASI, Mysore |
|  | **Funding Source** | Indian Council of Medical Research (ICMR). |
|  | **Fund** | ` 8,01,134 |
|  | **Status** | Ongoing |

**(iii) Ongoing Projects during 2014-15**

|  |  |  |
| --- | --- | --- |
| **1.** | **Title** | Development of Manual for adult non-fluent and fluent aphasia therapy in- Hindi, English, Tamil, Malayalam Telgu and Marathi |
|  | **Objectives** | To develop manual for adult non-fluent and fluent aphasia therapy in Hindi, English, Tamil, Malayalam, Telugu and Marathi  To field test the therapy manuals for its effectiveness |
|  | **Principal and co- Investigator(s)** | Principal Investigator: Dr. S.P. Goswami  Co Investigator: Ms. Preethi T. Thomas |
|  | **Funding Source** | DST, GOI, New Delhi |
|  | **Fund** | `15,43,600/- |
|  | **Status** | Ongoing |

**(iv) Research Projects with Plan funds**

|  |  |  |
| --- | --- | --- |
| **1.** | **Title** | **Survey of communication disorders by trained ASHA workers in the districts of Mysore, Mandya and Chamarajanagara** |
|  | **Objectives** | To survey the population in the selected districts and follow them up for complete evaluation |
|  | **Principal**  **Co- Investigator(s)** | Principal Investigator: Dr.S.R.Savithri  Co Investigator (1) : Dr. R. Manjula  (2) : Dr. H. Sudarshan, Hon. Secretary, Karuna  Trust, Mysuru |
|  | **Funding Source** | Plan funds, AIISH |
|  | **Grant Amount** | `1.15 Crore |

1. **Intramural / ARF Projects Completed during 2014-15:**

***As per the oral instruction of LIO the details of the projects will be collected from the Co-ordination Section***

1. **Ongoing & New Research Projects**

***As per the oral instruction of LIO the details of the projects will be collected from the Co-ordination Section***

**B.Postgraduate Research Completed**

|  |  |  |  |
| --- | --- | --- | --- |
| **M.Sc. (Speech-Language Pathology)** | | | |
| **Sl.**  **No.** | **Title/Topic** | **Candidate** | **Guide** |
| 1. | Mother-child interactions in ASD | Ms. Neethu Yashodharan | Dr. K. C. Shyamala |
| 2. | Code mixing & code switching in Telugu bi/multilinguals | Ms. Rajini | Dr. K. C. Shyamala |
| 3. | Early developmental indicators in ASD | Ms. Sandhya Koteshwara | Dr. K. C. Shyamala |
| 4. | Oral definitions in children with Learning disability | Ms. Juhi Kidwai | Dr. Jayashree C.Shanbal |
| 5. | Linguistic pattern analysis of writing in children with Learning disability | Ms. Saryu Sharma | Dr. Jayashree C.Shanbal |
| 6. | Lexical ambiguity in children with Learning disability | Ms. Sharon Mathew | Dr. Jayashree C.Shanbal |
| 7. | Discourse Analysis in Individuals with Parkinson’s Disease | Ms. Nandita .S. Upadhyaya | Dr.N. Swapna |
| 8. | Development and Validation of Feeding Handicap Index | Ms. Srushti Shabnam | Dr. N. Swapna |
| 9. | Verbal memory in children with Down Syndrome | Mr. Satish Kumar J | Dr. M.S. Deepa |
| **Post Graduate Diploma in Clinical Linguistics in Speech-Language Pathology** | | | |
| 1. | Semantic Pragmatic Disorder in Autism Spectrum Disorder | Ms. Shrusti | Dr. Shyamala K Chengappa |
| 2. | Bilingual Language Acquisition: A review | Ms. Rinju Singh | Dr. Shyamala K Chengappa |
| 3. | Verbal short term memory & Phonological processing in verbal memory | Ms. Deepika Kanwar | Dr.Jayashree C.Shanbal |
| 4. | Cognitive linguistics assessment protocol for Hindi speaking children (CLAP-C) in the age range of 4-8 years: an attempt at adaptation | Ms. Maya Jain | Dr. M. S.Deepa |

C.**Postgraduate Research ongoing (2014-15)**

|  |  |  |  |
| --- | --- | --- | --- |
| **M.Sc. (Speech-Language Pathology)** | | | |
| **Sl.**  **No.** | **Title/Topic** | **Candidate** | **Guide** |
| 1. | A Treatment manual in English for Children with ASD | Ms. Aditi Rao | Dr. K.C. Shyamala |
| 2. | Standardization of Action Naming Test and Assessment of Verb Retrieval Abilities in Bilingual Aphasia | Mr. Girish K.S. | Dr. K.C. Shyamala |
| 3. | Awareness of Morphological Complexity in Words and its Impact on Reading | Mr. Gunasagar S.M. | Dr. K.C. Shyamala |
| 4. | An Investigation of the Feeding Problems in Children with Down Syndrome | Ms.Malavika.A.A | Dr.N.Swapna |
| 5. | Quality of Life of Children with Cerebral Palsy | Ms. Tilling.Riniya | Dr. N. Swapna |
| 6. | Phonological Encoding in Persons with Stuttering through Phoneme Monitoring Tasks | Ms. Darshini. K. J. | Dr.N. Swapna |
| 7. | Concept formation and Language Performance in late Talkers and Typically Developing Children | Ms. Sandra Sebastian | Dr. M.S. Deepa |
| 8. | Code mixing and code switching in Malayalam-English bilingual children | Aparna. L.V. | Dr. Jayashree C. Shanbal |
| 9. | Inference revision processing in individuals with aphasia | Divya Seth | Dr. Jayashree C. Shanbal |
| 10. | Phonological awareness skills and reading in Malayalam-English biliterate children | Thanzeem Razak | Dr. Jayashree C. Shanbal |
| 11. | Cepstral analysis of normal and dysphonic voice | Ms Kavya S | Mr. Gopikishore Pebbili |
| 12. | Cepstral analysis of voice in adults in the age range of 20-40 yrs | Ms. Sujitha B.S. | Mr. Gopikishore Pebbili |

**D.** **Research Papers Presented at National Conferences/Seminars**

|  |  |
| --- | --- |
| 1. | Gnanavel K, Pushpavathi. M. (2014). Angulina nishkriyathege shasthram chikithseya palithamshada varadi. *Tenth Kannada Vignana Sammelana, University of Mysore,* held on *17th September, 2014.* |
| 2. | Kiran S, Gopee, K., Shivani, T., Rajashekhar , B., Shyamala, K. C. (2015). What does the brain tell us about processing semi-syllabic orthography?- Novel insights from central alexias and agraphias. *47th ISHACON, KMC Manipal, 1-3 January, 2015*. |
| 3. | Priya G, Gopee, K., Shivani, T., Shyamala, K. C., & Rajashekhar, B. (2015). Developmental changes in eye movement patterns while reading Kannada. *47th ISHACON, KMC Manipal, 1-3 January, 2015.* |
| 4. | Nikhil, J., Rahul,K., Manjula, R & Gayathri, K. (2015). Oral and ransit Time as Pharyngeal T a Factor of Age, Gender and Consistency of Liquid Bolus. *47th ISHACON, KMC Manipal, 1-3 January, 2015.* |
| 5. | Dr. S.P Goswami (2015). Computerized version of Manual for Adult Aphasia Therapy in Kannada) CV-MAAT-K). *47th ISHACON, KMC Manipal, 1-3 January, 2015.* |
| 6. | Shrushti Shabnam & Swapna.N. (2015). Feeding and Oro-motor Skills in Children with Cerebral Palsy. *XI Phonocon, Association of phonosurgeons in India, Nagpur, Maharashtra, 13.2.15.* |

**E. Research Papers Published**

1. **Papers Published in National /International Journals**

**National**

|  |  |
| --- | --- |
| 1. | Gayathri, K., Swapna, N., & Thulsi, P. Compensatory strategies and feedback of hyolaryngeal excursion for swallow in treatment of swallowing difficulties in parkinsons disease: a case report. *Journal of All India Institute of Speech and Hearing, 32.* |
| 2. | Gopikishore Pebbili (2013). Efficacy of estimated subglottic pressure measured through a portable device in differentiating normal and pathological voices. *Lilavati, ISSN 2250-3978. 6, 58-61.* |
| 3. | Gnanavel.K., Sathish.H.V & Pushpavathi. M. (2014). Comparison of velopharyngeal closure and perceptual speech characterstics in children with Submucous cleft palate : A cineradiographic study. *Journal of All India Institute of Speech and Hearing, 32, 10-17.* |
| 4. | Hema. N., & Shyamala, K. C. (2014). Macrolinguistic Analysis of Discourse in TBI: Right Vs Left Hemisphere Injury.  *Journal of All India Institute of Speech and Hearing,* 32, 139-153. |
| 5. | Maria Grace Treasa & Shyamala K. C. (2014). Expressive Bound Morphemes in Malayalam Speaking Children with Specific Language Impairment. *Journal of All India Institute of Speech and Hearing, 32, 131-134.* |
| 6. | Navya ,A & Pushpavathi. M. (2014). One third octave analysis : A diagnostic tool to measure nasality in conjunction with nasalance in children with RCLP. *Journal of All India Institute of Speech and Hearing, 32, 36-44.* |
| 7. | Priyanka Shailat, Varun Uthappa A.G and Shyamala.K.C (2014). Analysis of speeded picture naming errors; Recognising patterns across child language disorders*, IJOAL, Vol.40, No.1-2, pp.93-117.*12. |
| 8. | M. Pushpavathi (2014). Client centered rehabilitation for individuals with cleft lip and palate. *Leelavathi ISSN No. 2250-3978), Vol. 6, p 53-58.* |
| 9. | M. Pushpavathi (2014). Speech outcome following palatoplasty in Telugu speakers with cleft palate*. Leelavathi ISSN No. 2250-3978), Vol. 6, p 84-88.* |
| 10. | Sunil Kumar Ravi, Vijetha,S., Gnanavel, K. & Shyamala, K. C. (2014). Development of Boston Naming in Test in Telugu: Performance of Typical Individuals and Individuals with Aphasia. *Journal of All India Institute of Speech and Hearing, 32, 100-106*. |
| 11. | Shyamala, K. C., & Grandhi Swetha (2014). Comparision of WAB Scores in Telugu Monolinguals and Telugu-Enlgish Bilingual Speakers. *Journal of All India Institute of Speech and Hearing, 32, 82-88.* |
| 12. | Treasa, M.G., & Shyamala, K.C., (2013). Expressive bound morphemes in Malayalam-speaking children with Specific Language Impairment. *Journal of All India Institute of Speech and Hearing, 31.* |

**International:**

|  |  |
| --- | --- |
| 1. | Alexei Kochitev, N. Sreedevi, Midula Kasim & R. Manjula(2014). Spatial and dynamic aspects of retroflex production: An ultrasound and EMA study of Kannada Geminate Stops. *Journal of Phonetics,*  *Vol 46, Sept. 2014, 168- 184.* |
| 2. | Dr. Deepa M. S. & Dr. Pushpavathi M. (2014). Conversation Skills in Young Children with Cleft Lip and Palate: Relevancy of Rehabilitation of Expressive Language Skills. *International Journal of Interdisciplinary Research, Vol. 1 Issue 4, 29-39.* |
| 3. | Deepa. M. S & Pushpavathi. M. (2014). Conversational skills in young children with CLP. *International Journal of interdisciplinary Research, Vol 1, Issue 4, Online.* |
| 4. | Gnanavel, K., Satish, H. V., Pushpavathi, M. (2015). Effect of furlow double opposing z-plasty on nasalance measures in individuals with velopharyngeal dysfunction: a pre-post operative comparison. *Asian Journal of Medical and Clinical Sciences, Vol 3 (1), 30-35*. |
| 5. | Maria Grace Treasa & Shyamala K.C. (2014). Expressive Bound Morphemes in Malayalam SpeakingChildren with Autism Spectrum Disorders. *International Journal of Dravidian Linguistics,* Vol. XLIII, No.2, 114-122. |
| 6. | Mili Mary Mathew & R. Manjula (2014). Trends in the development of rhythmical hand behavior in infants. *Language in India, www.languagein india.com, Vol 14, Nov 2014, 95-121*. |
| 7. | Mili Mary Mathew & R. Manjula (2014). Development of vocal and motor behaviors in an infant: Preliminary findings.  *Language in India, www.languagein india.com*, *Vol 14, Nov 2014, 122-140.* |
| 8. | Ms. Navya.A & Dr. M. Pushpavathi (2014). Derived Nasalance Measures of Nasality for Sentences in Children with Repaired Cleft Lip and Palate. [www.languageinindia.com](http://www.languageinindia.com) *ISSN 1930-2940 Vol. 14:8 August 2014.* |
| 9. | Rangarathnam, B., Bhaskaran, S., & R. Manjula.(2014). Narrative Anacrusis: A Descriptive analysis in healthy adults speaking English. *Journal of Advances in Linguistics, 5(1), 525-537.* |
| 10. | Santosha C.D. (2014). Estimation of the mean of the exponential distribution based on maximum ranked set sampling with unequal samples. *Open Journal of Statistics, 4, 641-649.* |
| 11. | Santosha, C.D. (2015). Estimation of the Population Mean Based on Extremes Ranked Set Sampling. *American Journal of Mathematics and Statistics, 5(1), 32-36.* |
| 12. | Shyamala, K.C. & Sunil, K. R. (2015). Sentence Processing in high proficient Kannada- English bilinguals: A reaction time study. *International Journal of Multilingualism, Vol 20, No. 16, 173-182.* |
| 13. | Sunil Kumar. R., & Shyamala K. C. (2014). Reading Comprehension of sentences in Kannada-English bilingual individuals with aphasia. *International Journal of Medical and Health Sciences*. 3(1), 7-13. |
| 14. | Treasa, M.G., & Shyamala, K.C., (2014). Emergence of expressive grammatical morphology following discrete trial training and incidental teaching: A case study. *Language in India,* 14(1), 843-854. |
| 15. | Treasa, M.G., & Shyamala, K.C., (2014). Expressive bound morphemes in Malayalam-speaking children with Down syndrome. *Language in India, 14*(1), *832-842.* |

**ii) Papers Published in Conference/Seminar/Proceedings:**

|  |  |
| --- | --- |
| 1. | Nikhil, J., Naidu, R. K., Manjula, R., & Gayathri, K. (2014). Oral and Pharyngeal Transit Time as a Factor of Age, Gender and Consistency of Liquid Bolus. *Proceedings of ISHACON 2014* |

**F. Books Published: Nil**

**G. Book Chapters Published**

|  |  |
| --- | --- |
| 1. | Dr. Shyamala K.C: Fast mapping of novel words in bi/multilinguals ***(2014).*** In Winskel, H. & Padakannaya, P. *South and Southeast Asian Psycholinguistics.* Cambridge University Press. New York. (Coauthored). |
| 2. | Dr. Shyamala K.C: Bilingual aphasia **(2014)**. In Bhatia, T.K. & Ritchie, W, C. (Eds.). *The Handbook of Bilingualism and multilingualism***.** Willey - Blackwell publishers. U.S.A (Coauthored). |
| 3. | Dr. Shyamala K.C:Language Mixing in Bilingual Aphasia: an Indian context ***(2014).*** In Winskel, H. & Padakannaya, P. *South and Southeast Asian Psycholinguistics.* Cambridge University press. New York. (Coauthored) |
| 4. | R. Manjula and Naresh Sharma: *Motor Speech Disorders in Languages of the Indian Subcontinent: Some Perspectives from Hindi and Kannada*. Motor Speech Disorders - A Cross-Language Perspective. Edited by Nick Miller and Anja Lowit. Multilingual Matters, Bristol, UK. 2014 |
| 5. | R. Manjula (2015). Phonotactic Constraints in Characterizing the Speech of Children with Apraxia: Observations from Kannada and Telugu, *Applications of Phonetics and Phonology, in Indian Languages*, ISHA Monograph, Volume *14*, Page *XXX.* |

**H. Books in Press : Nil**

**I. Books / Manuals / Seminar Proceedings edited - Nil**

**J. Journal Editorship**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Name of the faculty/ staff (s)** | **Year** | **Title of the Book/ proceedings** |
| 1. | Dr. K. C. Shyamala | 2014 | Academic Journals of Educational Research |
| 2015 | Journal of All India Institute of Speech and Hearing |
| 2015 | Clinical Linguistics and Phonetics |
| 2015 | International Journal of Clinical Linguistics & Phonetics |
| 2. | Dr.R.Manjula | 2014 | Journal of All India Institute of Speech and Hearing. |
| 2014 | Journal of Laryngology & Voice. |
| 3. | Dr. S .P. Goswami | 2015 | Journal of Indian Speech and Hearing Association. |
| 4. | Dr. Jayashree. C. Shanbal | 2014 | Journal of Indian Speech and Hearing Association. |
| 5. | Dr. Swapna.N | 2015 | Journal of All India Institute of Speech and Hearing . |
| 6. | Dr. Brajesh Priyadarshi | 2014 | The Linguistics Journal |
| 2015 | Clinical Linguistics and Phonetics |

1. **CLINICAL SERVICES**

A) **General Clinical Service** : will be provided by Department of Clinical Services

B ) **Specialized Clinical Services of Departments**

1. **Augmentative and Alternative Communication Unit (AAC):**

|  |  |
| --- | --- |
| **Details** | **Total** |
| 1. New cases evaluated | 56 |
| 1. Evaluation Sessions | 58 |
| 1. Therapy cases seen | 259 |
| 1. Therapy Sessions | 1563 |
| 1. D.T. Cases | 17 |
| 1. Home training cases | 4 |
| 1. Total No. of M.Sc students trained | 43 |
| 1. Total No. of Sessions held for M.Sc Students | 117 |

1. **Autism Spectrum Disorders Unit(ASD)**

|  |  |
| --- | --- |
| Details | **Total** |
| 1. No. of cases evaluated | 337 |
| 1. No. of assessment sessions | 350 |
| 1. No. of therapy cases | 766 |
| 1. No. of therapy sessions | 4589 |
| 1. No. of D.T. cases | 95 |
| 1. No. of cases discharged | 31 |
| 1. No. of cases discontinued | 16 |
| 1. No. of Hindi cases | 50 |

Details of Occupational therapy attached to Autism Spectrum Disorder Unit:

|  |  |  |
| --- | --- | --- |
|  | **Details** | **Total** |
| 1. | No. of cases evaluated | 74 |
| 2. | No. of assessment sessions | 64 |
| 3. | No. of therapy cases | 173 |
| 4. | No. of therapy sessions | 643 |
| 5. | No. of D.T. cases | 27 |
| 6. | No. of cases discharged | 5 |
| 7. | No. of cases discontinued | 1 |
| 8. | No. of cases re-evaluated | 18 |

**3.Special Clinic for Motor Speech disorders (MSD clinic):**

|  |  |
| --- | --- |
| **Details** | **Total** |
| No. of new clients for speech-language assessment | 41 |
| No. of new clients for intervention | 41 |
| No of Adults clients for Assessment of Swallowing disorder | 0 |
| No of Adults clients for intervention of Swallowing disorder | 4 |
| No. of new children for feeding assessment | 49 |
| No. of new children for feeding therapy (through home training) | 47 |
| Follow up intervention sessions for speech-language issues | 20 |
| Follow up intervention sessions for feeding issues (activities given for home training) | 27 |
| Counseling | 53 |
| No. of Hindi cases | 12 |

4**. Unit for Structural Craniofacial Anomalies (U-SOFA):**

|  |  |  |
| --- | --- | --- |
| 1. | No. of clients | 163 |
| 2. | No of sessions | 617 |
| 3. | No of DT clients | 13 |
| 4. | No of clients discharged | 5 |

|  |  |  |
| --- | --- | --- |
|  | **Pediatric** | **Adult** |
| *Diagnostics* |  |  |
| No. of clients evaluated by plastic surgeon | 148 | 17 |
| No. of clients evaluated by prosthodontist | 1 | - |
| No of cases seen by orthodontist | 23 | 6 |
| *Rehabilitation Recommended* |  |  |
| No of cases recommended for orthodontic treatment | 21 | 3 |
| No. of clients recommended for surgery | 28 | 3 |
| No. of clients recommended for speech therapy | 36 | 29 |
| No. of client recommended for Prosthesis | - | - |
| *Details of rehabilitation* |  |  |
| No. of session taken for preparation of prosthesis | 6 | - |
| No. of speech prosthesis prepared | 1 | - |
| No. of cases attended speech and lang. therapy | 52 | 9 |
| Total No of cases attended Demonstration therapy | 24 | - |
| No of sessions ( D.T ) | 41 | 6 |
| No of speech and language therapy sessions held | 568 | 6 |
| *Manpower development* |  |  |
| No of postgraduate students trained | | 66 |

**Others:**

1) Swallowing Disorder Laboratory was launched in the Department of Speech-Lanugage Pathology on 9/8/2014. It was inaugurated by Mr.A.K.Panda, Additional Secretary from Ministry of Health and Family Welfare, Prof.Sudesh Mukhopadhay, Chairperson of RCI, New Delhi and Prof.Goutam Biswas, Director, IAT, Gowhati.

2) The Dysphagia Unit was formed in the month of November 2014 with Dr.R. Manjula as the Chairperson & Dr.N.Swapna as Member-Secretary.

1. **Extension Activities**

E) Public Lecture Series**:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Date of lecture** | **Topic of lecture** | **Language** | **Number of participants** |
| Ms. Shylaja.K | 31/1/2015 | Language Development and its disorders in children | Kannada | 12 |

**V. Technological Consultancy Services**

**Dr. R. Manjula**

1) Serving as Core Member- Independent expert in the Technical Resource Group (TRG)

for Developmental delays including disabilities of National program - Rashtriya Bala

Swasthya Karyakram (RBSK) of Ministry of Health and Family Welfare, GOI.

2) Member, National Curricular Task force on curricular standardization process / or

the Allied Health Profession – Audiology & Speech-Language Pathology, as a part

of National Initiative for Allied Health Sciences (NIAHS), by Ministry of Health &

Family Welfare, Govt. of India.

**VI. Central Facilities**

**C) Materials Development:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Title of the material developed** | **Released on** | **Language** | **Number of copies available** |
| Dr.R. Manjula & Mrs. Gayathri Krishnan | Brochure on Swallowing disorders | 9.8.2014 | English | 5 |
| Audio visual material on the activities of the Swallowing disorders laboratory | 9.8.2014 | English | 1 |
| R.Manjula, M.S.Deepa, H. Gayathri, and K. Shylaja | Syllabus for Lab practicals for II, IV, VI Semester B.Sc (Speech and Hearing) in the department of Speech-language pathology | - | English | 6 Nos. |
| Workbook for lab practicals for II, IV, VI Semester B.Sc (Speech and Hearing) in the department of Speech-language pathology | - | English | 6 Nos. |

**VII. Awards and Honors Received by Faculty and Staff**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the faculty** | **Award received** | **Date** | **Event** | **Details** |
| Dr. R.Manjula | Best AIISHIAN Award | 9.8.2014 | Annual Day of AIISH | 360º peer evaluation by faculty & staff of AIISH |
| Nikhil, J., Rahul. K. N., Manjula, R., & Gayathri, K. (2014) | Dr.M.Raghunathan Memorial Award for Best poster paper in speech and language | 01.01.2015-03.01.2015 | 47TH ISHACON 2015 | Oral and Pharyngeal Transit Time as a Factor of Age, Gender and Consistency of Liquid Bolus. Poster presented at the ISHACON 2015, Manipal, 1st – 3rd January 2015. |
| Dr. S.P. Goswami | Shaila Vora Award – Best paper in Language | 1-3 Jan, 2014 | 47th ISHACON | Computerized version of Manual for Adult Aphasia Therapy in Kannada9 CV-MAAT-K) |
| Shrushti Shabnam & Swapna.N | Second position in the SLP award paper session | 13.2.15 | XI Phonocon Nagpur, Maharashtra | Organised by Association of phonosurgeons in India for the paper titled ‘Feeding and Oro-motor Skills in Children with Cerebral Palsy’ |

**VIII. Extra Curricular Activities**

1. **AIISH GYMKHANA**

**Dr. M. Pushpavathi** (as Vice President of AIISH Gymkhana)

* Coordinated with Kasthuri Channel for the II Phase of Video Recording of Success stories of clients with Communication disorders
* Submitted the annual report of the AIISH Gymkhana
* Arranged for group photos of all the outgoing batch of Diploma, UG, and PG classes on 1.5.14
* Arranged farewell party for the outgoing students from AIISH Gymkhana on 9.5.14 at 6 pm in the seminar Hall .
* Arranged Talents day and Prathibha Puraskar on 24.7.14 at seminar hall.
* Arranged farewell program for Mrs. Padma on her superannuation on 31.7.14
* Arranged for the inauguration of AIISH baby sitting center and recruiting staff for the same
* Procured the material for the initiation of Day care center of AIISH
* Arranged and coordinated for the inauguration of Day care center of AIISH

1. **Others: Internship and Placement Cell**

* Dr. M. Pushpavathi, (as coordinator of Placement Cell) coordinated with the coordinators of Internship centers to get feedback regarding the performance of the students . Compiled the same.
* Arranged campus recruitment on 12 to 13 to M.Sc. ( Aud) students.

**IX. Major Events**

**X. Eminent Visitors**

1) Swallowing Disorder Laboratory was launched in the Department of Speech-Lanugage Pathology on 9/8/2014. It was inaugurated by Mr.A.K.Panda, Additional Secretary from Ministry of Health and Family Welfare, Prof.Sudesh Mukhopadhay, Chairperson of RCI, New Delhi and Prof.Goutam Biswas, Director, IAT, Gowhati.

2) Prof. Dr. Habil. Ulrike M. Lüdtke, Faculty of Huamnities, Department of Speech-Language Pathology, Leibniz Universität, Hannover, germany and Dr. Pushpa, Gandigram Rural University, Ms. Kavita, Gandigram Rural University and Ms. Kirsten Beta, Ph.D. Student of Dr. Ulrike visited the department on 23.01.2015

3) Dr.V.M.Katoch, Director General of ICMR visited the department on 12/11/2014.

**XI. Any Other: Nil**

**HOD – Speech-Language Pathology**