

Annual Report 2011-12



All India Institute of Speech and Hearing
Manasagangothri, Mysore – 570 006

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About the Institute

Communication disorders are difficulties involving speech, language and or hearing, which have been accepted as a major public health issue as they compromise early childhood development, restrict vocational attainment and attenuate the economic well-being of the society.

The All India Institute of Speech and Hearing (AIISH), Mysore, is the foremost organization in the country, mandated to help and support people with communication disorders. Founded in 1965 as an autonomous institute under the Ministry of Health and Family Welfare, Government of India, AIISH has been successfully carrying out its activities for the last 47 years. In pursuit of its mission of ensuring effective communication by one and all, the institute (a) generates and prepares knowledgeable and skilled practitioners in Speech - Language Pathology and Audiology and allied fields, who can provide state-of-the art, client-centered service in multiple settings, (b) conducts both basic and applied research in areas related to communication disorders and disseminates the findings among the local, national and international audiences, (c) provides affordable, accessible and high-quality speech, language, and hearing clinical services to the needy ones, and (d) develops, implements and evaluates education and outreach programs to address the prevention, intervention and control of communication

disorders. Started as an institute to train the postgraduate students in Speech and Hearing, today AIISH has grown into the largest institute in the country offering various diploma, graduate, postgraduate, postgraduate diploma, doctoral and post doctoral programs in the field, in addition to rendering clinical services to thousands of persons with communication disorders from all over the country and conducting multi-faceted research to find solutions to the challenges of communication disorders. All these activities are spearheaded by the experts working in 11 departments of the Institute, namely, Audiology, Centre for Rehabilitation and Education through Distance Mode, Clinical Psychology, Clinical Services, Electronics, Otorhinolaryngology, Prevention of Communication Disorders, Special Education, Speech-Language Pathology, Speech-Language Sciences, and Material Development.

The institute has been recognised as a Centre of Excellence in the area of deafness by World Health Organization, as a Centre of Advanced Research by University Grants Commission, as a Science & Technology Institute by Department of Science and Technology, Government of India and as the nodal centre for implementation of prevention and control of deafness by Ministry of Health & Family Welfare, Government of India.



Message from the Director

I am proud to present the 47th annual report of the All India Institute of Speech and Hearing, Mysore. This report summarizes the activities of the institute for the year 2011-12.

In 2011-12, the institute continued to be committed to academic, research, clinical and public education activities pertaining to communication and its disorders. 2011-12 was another successful year during which the institute progressed towards expanding its existing activities and initiated new activities.

The up gradation proposal of the institute was finalized and the EFC was submitted to the Ministry in the month of March 2012. The twelfth five-year plan proposals were prepared and sent to the Ministry in time. Dr. S. R. Savithri, Director attended India 2011 at the Dept. Of Electronics & Telecommunication, Norwegian University of Science & Technology, Trondheim, Norway and presented the activities of the institute and probable collaborative projects.

Following the University of Mysore decision, the institute introduced choice based credit system for post-graduate programs. The faculty members incorporated state-of-the art instructional tech-

nologies for class room teaching. The institute got affiliation for the post-graduate diploma program on Alternative and Augmentative Communication by the University of Mysore. The approval of the Rehabilitation Council of India is awaited. The faculty and staff of the institute delivered 117 invited talks outside and within the institute. Eight guest lectures from eminent professionals were arranged during the report year. The institute conducted 102 orientation programmes, and 27 professional workshops, seminars and conferences pertaining to communication disorders and related topics.

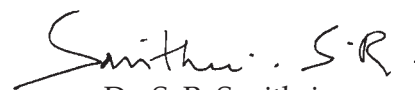
During the reporting year, the institute witnessed active research by faculty and students on almost all topics of communication and its disorders. The institute had extramural and intramural research and student research. AIISH saw the maximum number of extramural research funded by the Department of Science & Technology, Ministry of Science & Technology, Govt. of India and Indian Council of Medical Research. A total of 22 research projects were completed, and 43 research projects ongoing and 35 projects were initiated. Two candidates were awarded doctoral degree and 6 candidates submitted the

Ph.D. thesis. In addition, 50 students were pursuing their doctoral research in different departments of the institute. Eighty nine post-graduate students submitted their master's dissertation and 71 students were pursuing dissertation under the supervision of the faculty of the institute. Sixty six scientific articles were presented in international and national workshops/ seminars/ conferences and 60 articles were published in peer reviewed international and national journals and proceedings. Also 5 chapters were written by the faculty in books. One Research fellow and two of the faculty members attended the 9th Oxford Dysfluency Conference at UK.

It is gratifying to report that around 47756 patients with communication disorders from all over the country and overseas were served by the institute. Further, specialized clinical services were augmented by launching specialized clinical units on Structural Orofacial Anomalies, Learning Disability, and clinic for Motor Speech Disorders. Under the outreach clinical service program, new born screening was initiated at AIISH, Mysore, SCB Medical College & Hospital, Cuttack and RIMS, Imphal. 13031 babies were screened for communication disorders. 4294 individuals were screened for communication disorders and 215 clients were offered with tele-diagnostic and tele-

intervention services.

In addition, 12 monthly public lectures were held and 29 public education materials were prepared. One hundred and ninety eight children with various communication disorders enrolled in the pre-school training program. Software on faculty assessment was developed by the Department of Electronics. The institute purchased several sophisticated scientific equipments, E-books and bibliographic databases. Construction of Knowledge Park and quarters commenced. Also, renovation and retrofit of old buildings was done.



Dr. S. R. Savithri
Director

1 Major Events

Many important academic, research, clinical and other events took place in the institute during the reporting year. This chapter outlines some of them.

Launching of Unit for Structural Orofacial Anomalies (U-SOFA): U-SOFA, a specialized clinic which facilitates services to children and adults with cleft lip palate and other craniofacial anomalies, was launched by Mr. K. Chandramouli, IAS, Secretary, Ministry of Health & Family Welfare, Govt. of India, New Delhi on 9 August 2011. Dr. K. S. Sriprakash, Vice-Chancellor, Rajiv Gandhi University of Health Sciences, Bangalore and Dr. K. S. Rangappa, Vice-Chancellor, Karnataka State Open University, Mysore were the guests of honor during the event. The objective of U-SOFA is to provide multi disciplinary assessment and rehabilitation of clients with structural orofacial anomalies and develop specialized speech assessment and evidence-based rehabilitation techniques.



Launching of U-SOFA

Opening of Learning Disability Clinic (LDC): The institute opened a clinic for the early identification of students with learning disability and to suggest appropriate remedial measures. The clinic will also serve as a nodal centre for issue of certificates for educational concessions and developing related literature. Dr. K. S. Rangappa, Vice-Chancellor, Karnataka State Open University, Mysore inaugurated the clinic on 9 August 2011. Mr. K. Chandramouli, IAS, Secretary, Ministry of Health & Family Welfare, Govt. of India, New Delhi and Dr. K. S. Sriprakash, Vice-Chancellor, Rajiv Gandhi University of Health Sciences, Bangalore were present.



Opening of Learning Disability Clinic

Inauguration of Motor Speech Disorders Clinic (MSDC): This is a special clinic for persons with motor speech disorders which will provide systematic assessment and rehabilitation services by adopting state-of-the-art technology and bring

awareness among the public. The clinic was inaugurated by Mr.K. Chandramouli, IAS, Secretary, Ministry of Health & Family Welfare, Govt. of India, New Delhi on 9 August 2011.



Inauguration of Motor Speech Disability Clinic

All India DHLS Coordinators Meet: The annual meeting of the coordinators of 12 Diploma in Hearing Language and Science (DHLS) centers of the institute spread across the country, was held on 22-23 September 2011. Prof. K.C Shyamala, Overall Coordinator of the DHLS centers welcomed the coordinators. Dr. S. R. Savithri, Director, addressed the meet and placed on record the excellent service of the coordinators. She briefed the objectives of the meet and each of the coordinator presented on the progress of the center, feedback of the previous year, admission to the DHLS program for the current year, requirements and other matters for the year 2011-12. Various issues such as RCI recognition and job prospects of the diploma students were discussed during the meet.



DHLS Coordinators' Meet

Dementia Week: National Dementia Awareness Week was observed on 18-24 September 2011 with special emphasis on World Alzheimer's Day on 21st September. The objective of the program was to create awareness among the general public and the students about dementia and Alzheimer's disease.

International Deafness Day: The International Deafness Day was held on 26 September 2011 under the aegis of the Department of Clinical Services. Various activities such as painting and drawing were conducted during the event for children with hearing impairment. Posters on various aspects of deafness were also displayed to create awareness about hearing impairment among the parents of children with deafness and the general public.

Opening of Caregivers Literacy Training Unit (CLTU) : This unit was launched in the Department of Special Education with the aim of empowering parents

of special children with like literacy skills, computer skills and preparation of teaching-learning material so that they can function as better partners with special educators. Literacy skills in parents play a very important role for the academic achievement of children with special needs. The unit was inaugurated by Dr. Shankaregowda, District Mass Education Officer, District Adult Education Department, Govt. of Karnataka, Mysore on 29 September 2011.

Foundation Stone for Knowledge Park:

Mr. Keshav Desiraju, Additional Secretary, Ministry of Health and Family Welfare, Govt. of India, New Delhi laid the foundation stone for the Knowledge Park, a modern academic building complex on 12 October 2011. Dr. S. Y. Kothari, Additional Director General of Health Services, Govt. of India, New Delhi was present. The three-storey Knowledge Park will spread over 34,254 sq.ft. and will have a seminar hall with 400 seats, 10 classrooms with state-of the art teaching learning equipments and a mini library.



Foundation stone laying of Knowledge Park

International Stuttering Awareness

Day: The International Stuttering Awareness Day (ISAD) was observed on 24 October 2011. The objective of the program was to orient the public and persons with stuttering on various aspects of stuttering such as characteristic features, causes, myths and facts, role of teachers in the identification of stuttering, and promoting and protecting the rights of persons with stuttering. Students from B.Ed. and D.Ed. colleges participated in the event.

Tree Planting Program: With its continued commitment to preserve and protect environment, the institute under its Horticulture Section conducted a Tree Planting Program on 22 November 2011. Dr. S.R Savithri, Director inaugurated the activity by planting a coconut tree. During the program, the staff and students planted more than 100 tree saplings of various varieties at the main campus.



Inauguration of Tree Planting Program

International Day of Persons with Disabilities:

The International Day of Persons with Disabilities was observed in the institute on 5 December 2011 and in this connection, the Department of Clinical Services organized a seminar on Rights and Acts for Persons with Disability. The objective of the seminar was to craft a better world including persons with disabilities in global development. Mr. K. V. Rajanna, Commissioner for Disabilities, Govt. of Karnataka, Bangalore inaugurated the seminar. Dr. Ishwar Bhat, Chairman, Department of Studies in Law, University of Mysore, Mysore was the guest of honor. Around 200 persons from various parts of the country were honored at the seminar.



Inauguration of International Day of Persons with Disabilities

Launching of Network Link: A network connection was established between the institute main campus at Mysore and its ten DHLS centers spread across the country on 3 February 2012. Sri Keshav

Desiraju, IAS, Additional Secretary, Ministry of Health & Family Welfare, Govt. of India, New Delhi inaugurated the facility. Dr. B. D. Athani, Additional DGHS & Medical Superintendent, Safdarjung Hospital, New Delhi, was the Guest of Honor. The system which is based on Virtual Private Network technology, enables the DHLS centres to access digital resources of the institute such as e-books, e-journals and facilities such as e-mail.



Launching of Network Link

2 Academic Activities

All India Institute of Speech and Hearing, the leading and trend-setting institution in the field of communication disorders, delivers a variety of practitioner-oriented academic programs to meet the manpower requirements in the field. This chapter details the courses offered, students admitted, workshops and conferences organized, and the guest lectures delivered during the reporting year.

I. Academic Programs Offered

The institute offered 14 academic programs ranging from certificate to post-doctorates during the reporting year. Of these, Diploma in Hearing, Language and Speech (DHLS) was offered at 12 centers across the country and classes were delivered from the institute through video conferencing. Graduate, Post-graduate diploma, Post-graduate degree and Doctoral programs had the approval of the University of Mysore/ Rehabilitation Council of India. Table 1 shows the details of the programs offered in 2011-12.

II. Admission and Enrolment

National level entrance examinations were conducted to admit students to B.Sc. (Speech & Hearing), M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology). Totally, 505

Table: 1: Academic Programs Offered

Sl. No	Program	Duration	No. of seats
1.	Certificate Course for Care givers of Childrens with Developmental Disabilities(C4D2)	2 wks	*
2.	Diploma in Hearing Aid & Earmould Technology (D.H.A. & E.T.)	1 yr	25
3.	Diploma in Teaching Young Deaf & Hard of Hearing (D.T.Y.D.H.H.)	1 yr	20
4.	Diploma in Hearing, Language and Speech (D.H.L.S.)	1 yr	300**
5.	B.Sc. (Speech & Hearing)	4 yrs	62
6.	B.S.Ed. (Hearing Impairment)	1 yr	20
7.	P.G. Diploma in Forensic Speech Sciences & Technology (P.G.D.F.S.S.T.)	1 yr	10
8.	P.G. Diploma in Clinical Linguistics (Speech-Language Pathology) (P.G.D.C.L-SLP)	1 yr	10
9.	M.Sc. (Speech-Language Pathology)	2 yrs	36
10.	M.Sc. (Audiology)	2 yrs	36
11.	M.S.Ed. (Hearing Impairment)	1 yr	20
12.	Ph.D. (Audiology)	3 yrs	4
13.	Ph.D. (Speech-Language Pathology)	3 yrs	4 (backlog-3)
14.	Post Doctoral Degree	2 yrs	2
Total			552

*Vary from year to year

** Total seats in 12 centres

candidates appeared for the B.Sc. entrance examination held in different parts of the country. Entrance examinations to M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology) held at the institute campus in Mysore were attended by 172 and 133 candidates, respectively. Admissions to all the diploma, post-graduate diploma and bachelor of Special Education courses were done based on the merit obtained in the respective qualifying examinations. Ph.D. admission was based on personal interview and merit in the qualifying examination.

The total number of students admitted to various programs during the reporting year was 369, and 188 among them were girls. The number of students admitted to each course is given in table 2 and the state-wise admission is given in figure 1.

Figure 1: State-wise distribution of Enrolled Students

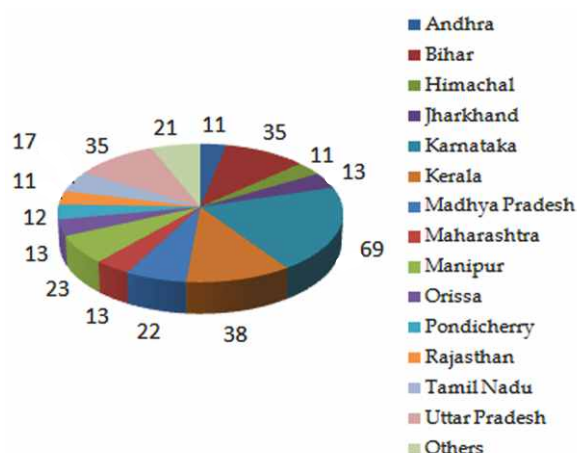


Table 2: Student Intake

Sl. No	Program	No. of intake
1.	C4D2	25
2.	D.H.A. & E.T.	3
3.	D.T.Y.D.H.H.	2
4.	D.H.L.S. AIISH, Mysore	13
	JIPMER, Puducherry	21
	RIMS, Imphal	22
	AIIPMR, Mumbai	7
	RML, New Delhi	14
	RIMS, Ranchi	13
	IGMC, Shimla	10
	SRBMC, Cuttack	11
	JLNMC, Ajmer	10
	CSMMC, Lucknow	23
	NSBC, Jabalpur	21
	JNMC, Bhagalpur	25
5.	B.Sc.(Speech&Hearing)	62
6.	B.S.Ed. (Hearing Impairment)	6
7.	P.G.D.F.S.S.T.	-
8.	P.G.D.C.L-S.L.P.	6
9.	M.Sc.(Speech-Language Pathology)	32
10.	M.Sc. (Audiology)	33
11.	M.S.Ed.(Hearing Impairment)	-
12.	Ph.D. (Audiology)	3
13.	Ph.D.(Speech-Language Pathology)	7
14.	Post Doctoral Degree	-
Total		369

Student Strength: During the reporting year, 614 students were studying for various programs in the institute, as detailed in table 3.

Table 3: Student Strength

Sl.No	Program	No. of Students
1.	C4D2	25
2.	D.H.L.S.	190
3.	D.H.A. & E.T.	3
4.	D.T.Y.D.H.H.	2
5.	B.Sc. (Sp. & Hg.) – 1 st Yr.	62
6.	B.Sc. (Sp. & Hg.) – 2 nd Yr.	62
7.	B.Sc. (Sp. & Hg.) – 3 rd Yr.	60
8.	Interns	44
9.	M.Sc. (Audiology) – 1 st Yr.	33
10.	M.Sc. (Audiology) – 2 nd Yr.	36
11.	M.Sc. (SLP) – 1 st Yr.	32
12.	M.Sc. (SLP) – 2 nd Yr.	36
13.	B.S.Ed	6
14.	P.G.D.C.L-S.L.P.	6
15.	P.h.D	17
Total		614

*Total number of students in 12 study centers.

III. Academic Performance

The students performed well in the university examinations conducted last year with 100 percentage pass in D.H.L.S, P.G.D.C.L. and M.S.Ed. and more than 90 percentage in B.Sc.(Sp.& Hg.) and M.Sc. (Audiology) examinations. For all other examinations, the pass percentage was 70 or more. The details of academic degrees awarded during the reporting year are given in table 4.

Table 4: Academic Awards

Sl. No	Program	No of students appeared	Overall pass	Percentage
1.	D.H.A. & E.T.	4	3	75
2.	D.T.Y.H.I.	7	5	71
3.	D.H.L.S.	6	6	100
4.	B.Sc. (Sp. & Hg.)	45	42	95
5.	B.S.Ed. (H.I.)	3	2	70

6.	P.G.D.C.L. (S.L.P.)	2	2	100
7.	M.Sc. (Audiology)	36	33	92
8.	M.Sc. (S.L.P.)	35	28	80
9.	M.S.Ed. (H.I.)	5	5	100

IV. Internship

Forty six students underwent internship training during the reporting year. They were posted at (i) various clinical units of the institute main campus, (ii) centres of National Program on Prevention and Control of Deafness (NPPCD) and (iii) centres of Diploma in Hearing, Language and Speech. The interns were actively involved in providing assessment and rehabilitation of persons with communication disorders as well as public education on prevention and early identification of communication disorders, during the training period. The details of organizations other than AIISH, where the students underwent internship training are given in table 5.

Table 5: Internship Centers

Sl. No.	Institute	State
1	District Hospital, Chamarajanagara	Karnataka
2	District Hospital, Chickmangalure	Karnataka
3	District Hospital, Dharwad	Karnataka
4	District Hospital, Gulbarga	Karnataka
5	District Hospital, Mandya	Karnataka
6	District Hospital, Udupi	Karnataka

7	Jawaharlal Nehru Medical College Hospital, Ajmer	Rajasthan
8	JIPMER, Puducherry	Puducherry
9	Karnataka Institute of Med. Sciences, Hubli	Karnataka
10	Chhatrapati Shahuji Maharaj Medical University, Lucknow	Uttar Pradesh
11	M.M.C. Hospital, Guwahati	Assam
12	N. S.C.B. Medical College, Jabalpur	Madhya Pradesh
13	R.I.M.S., Imphal Manipur	
14	Rajendra Institute of Medical Sciences, Ranchi	Jharkhand
15	Sri Ramachandra Bhanj Medical College, Cuttack	Odisha

V. Educational Stipend

The institute provided educational stipend to all the eligible students pursuing various academic programs and distributed a total amount of ₹63,72,249 towards stipend during the reporting year. Program-wise amounts of stipend issued are given in table 6.

Table 6: Stipend Issued

Sl.No	Program	Stipend/month(₹)
1	Diploma programs	250.00
2	B.Sc. (Sp. & Hg.)	400.00
3	B.Sc. (Internship)	*
4	B.S. Ed. (HI)	400.00
5	M.Sc. (Audiology)	650.00
6	M.Sc. (SLP)	650.00

7	PGDCL-SLP	500.00
8	Ph. D. (1 st & 2 nd yr.)	14000.00+HRA
9	Ph. D. (3 rd yr.)	15000.00+HRA

* ₹4000/- for internship at N.E states; ₹3500/- at NRHM states; ₹3000/- at other states.

VI. Other Financial Assistance

Apart from the educational stipend, financial assistance to attend and present papers at various national and international seminars, were also made available to the students and staff. Ms. Pravesh Arya, doctoral student received a grant of ₹72,600/- from Indian Council of Medical Research, Dr.Y.V.Geetha, Professor in Speech Sciences and Mrs.Sangeetha M., Clinical Lecturer received a grant of ₹80,000 each from the institute to attend 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.

VII. Faculty

The experienced and well qualified teachers of the institute were engaged in teaching and mentoring the students and were available for supporting learners in every possible manner. The institute had a faculty strength of 50 during the reporting year which includes 43 regular and 7 contract staff. Category-wise, there were 31 lecturers, 8 readers and 11 professors. One permanent and seven contract

teaching staff were appointed newly during the period. Expertise in allied areas such as paediatrics, pathology, neurology and genetics were augmented by inviting faculty from other premier healthcare institutions in Mysore such as Govt. Medical College, JSS Medical College, and BGS Apollo Hospital.

Invited Talks Delivered by the Faculty and Staff: The eminent faculty members and staff of the institute delivered many invited talks on the areas of their expertise on various occasions both inside and outside the institute. Totally 117 such invited talks were delivered during the reporting year, the details of which are given below.

Dr. Savithri S.R, Professor in Speech Sciences and Director

- Aural Perceptual Speaker Identification. Lecture delivered at the National workshop on Forensic Speaker Identification, organized by the Department of Speech Language Sciences, AIISH on 11-14 April 2011.
- About AIISH: Research and Labs at AIISH; Automatic Speaker Identification and Speech Processing Strategies to Enhance Depth Modulation; Cross Language Perception; Development of Text to Speech Software in Indian Languages; Low Cost Open Platform Digital Hearing Aids; Speech Oriented Learning Systems for Hearing Impaired. Lectures delivered at the conference organized as a part of 'India 2011', by the Department of Electronics and Telecommunication, Norwegian University

of Science and Technology (NTNU), Trondheim, Norway on 5-10 October 2011.

- Fluency and Disfluency. Lecture delivered at the International Stuttering Awareness Day, organized by the Department of Clinical Services, AIISH on 24 October 2011.
- Speech Rhythm in Kannada Speaking Children. Prof. Rais Ahmed Memorial lecture delivered at the National Symposium on Acoustics (NSA 2011), organized by Bundelkhand University, Jhansi on 17 November 2011.
- Perception of Prosody in Brain Damaged. Invited lecture delivered at the International Symposium on Frontiers of Research on Speech Music and Allied Signal Processing (FRSM 2012), organized by KIIT College of Engineering, Gurgaon, Haryana on 18-19 January 2012.
- Acoustic Analysis of Voice and Speech. Key note address delivered at the National Workshop on Voice and Speech, organized by JSS Institute of Speech and Hearing, Mysore on 19 February 2012.
- Introduction to Fluency and its Disorders. Lecture delivered at the National Seminar on Fluency Disorders, organized by the Department of Speech-Language Sciences, AIISH on 16 March 2012.

Mr. Ajish K. Abraham, Reader in Electronics

- Digital Signal Processing in Hearing Aids and Cochlear Implants. Lecture delivered at the Orientation Program for M.Tech in Bio medical Engineering students, organized by Sri Jai Chamarajendra Engineering College, Mysore on 7 April 2011.

- Cepstral Co-efficients and Mel Frequency Cepstral Co-efficients. Lecture delivered at the National Workshop on Forensic Speaker Identification, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 11-14, April 2011.
- Museum Accessibility Options for Children with Hearing Impairment. Lecture delivered at the Special Nature Camp for the children with hearing impairment, organized by the Regional Museum of Natural History, Mysore, at Bannerghatta National Park, Bangalore on 4-6 June 2011.
- Audiometer. Lecture delivered at the Orientation Program for the Diploma in Electronic Instrumentation and Control Engineering students, organized by the J.S.S. Polytechnic College for Women, Mysore on 14 September 2011.
- Protocol for Noise Measurement. Lecture delivered at the National Workshop on Noise Measurement and Conservation of Hearing in Industrial Workers, organized by the Dr. S. R. Chandrasekhar Institute of Speech and Hearing (Dr. SRCISH), Bangalore on 1-3 December 2011.

Dr. Ajith Kumar U., Reader in Audiology

- Speech and Auditory Processing in the Cortex: Evidence from Functional Neuroimaging. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Neurophysiological Model of Tinnitus and Hyperacusis. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus, organized by the

Department of Audiology, AIISH on 30 September 2011.

Dr. Animesh Barman, Reader in Audiology

- Neuromaturation, Neurodegeneration and Neuroplasticity of the Auditory Information Processing. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Mr. Arunraj K., Clinical Assistant

- Electrophysiological Assessment of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Dr. Asha Yathiraj, Professor in Audiology

- Central Auditory Processing and Cognition. Lecture delivered at the National Symposium on Exploring Areas of Research in Cognitive Sciences, organized by the Department of Audiology, AIISH on 30 June-1 July 2011.
- Overview of CBCS. Lecture delivered at the Faculty Enrichment Program on CBCS, organized by the Academic Section, AIISH on 1 August 2011.
- Management of (C) APD: Deficit Based Management of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Direct Remediation of (C)APD. Lecture

delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

- Speech Perception through Cochlear Implants. Lecture delivered at the National Seminar on Advances in Cochlear Implant Technology, organized by the Department of Audiology, AIISH on 18-19 November 2011.

Mr. Baba Fakruddin D., Audiologist

- Recent Hearing Aid Devices. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for individuals with hearing impairment, organized by the Department of Audiology, AIISH on 10 October 2011.

Mr. Chethan C., Ear Mould Technician

- Different Techniques of Impression Taking for Hard and Soft Mould. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.

Ms. Chandni Jain, Lecturer in Audiology

- Behavioural Assessment of (C)APD: Development of Tests. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Ms. Devi N., Lecturer in Audiology

- Management of (C)APD: Environmental Modification including Classroom Management for APD. Lecture delivered at the National Symposium on Assessment and Management

of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

- Auditory Verbal Therapy for Children and Adults. Lecture delivered at the Workshop on Cochlear Implant and Baha Updates 2012 for Dummies, organized by Basaveswara Medical College and Hospital, Chitradurga on 11 March 2012.

Ms. Geetha C., Lecturer in Audiology

- Introduction of Ear Moulds, Materials in Ear Mould Making, Different Styles of Ear Moulds. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.

Dr.Y.V.Geetha, Professor in Speech Sciences

- Role of Teachers in the Management of Stuttering in Classroom. Orientation lecture delivered to B.Ed trainees on International Stuttering Awareness Day, organized by the Department of Clinical Services, AIISH on 24 October 2011.
- Recent Theoretical Perspectives on Stuttering. Lecture delivered at the National Seminar on Fluency Disorders, organized by the Department of Speech Language Sciences, AIISH on 16 March 2012.

Mr. Gopi K., Lecturer in Speech Pathology

- Management of Hypofunctional Voice Disorders: Vocal Fold Paralysis. Lecture delivered at the National Seminar on Evidence Based Practice in the Management of Voice Disorders and Fluency Disorders, organized by the Department of Speech Language Sciences, AIISH on 15 March 2012.

Dr. S.P. Goswami, Reader in Speech Pathology

- Speech and Language Management for Persons with Stroke. Lecture delivered at the National Seminar on Stroke, organized by the Department of Clinical Services, AIISH on 10-11 November 2011.
- Revised Right Days Act. Lecture delivered at the Seminar on Rights and Acts for Persons with Disability, organized by the Department of Clinical Services, AIISH on 5 December 2011.
- Disability Act and Dementia: Socio-legal Issues. Lecture delivered at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad on 19 January 2012.

Mr. Jawahar Antony P., Audiologist

- Direct Remediation of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Electrophysiological Assessment of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Fine Tuning of Digital Hearing Aids. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by the Department of Audiology, AIISH on 10 October 2011.

Dr. G. Jayarama, Reader in Clinical Psychology

- Importance of Psychological Assessment in Patients with Communication Disorders. Lecture delivered at the Workshop on Early Identification of Communication Disorders, organized by the Department of ENT, AIISH on 21 September 2011.
- Maneyolagina Samvahana. Phone-in Program in Kannada on Communication in Family, organized and broadcasted by All India Radio, Mysore on 21 March 2012.

Dr. Jayshree Shanbal, Lecturer in Language Pathology

- Assessment of Language Disorders in School Going Children. Lecture delivered at the Staff Enrichment Program, organized by the Atomic Energy School, Mysore on 11 May 2011.
- Identification of Language Problems in School Going Children. Lecture delivered at the Sarva Siksha Abhiyan Program for Inclusive Education Resource Teachers, organized by the Department of Clinical Psychology, AIISH on 9 June 2011.
- Assessment of Communication Disorders. Lecture delivered at the Orientation Program for NGO workers, Aashiyana, Mysore, organized by the Department of Clinical Psychology, AIISH on 21 June 2011.

Mr. Jithin Raj B., Audiologist

- Electrophysiological Assessment of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Dr. G. Malar, Reader in Special Education

- Identification of Special Needs in School Children and Management of Special Needs in Mainstream Classrooms. Lecture delivered at the Program for Sensitisation of Caregivers of Children with ASD, organized by the Department of Clinical Psychology, AIISH on 13 May 2011.
- Vocational Assessment and Community Living Skills. Lecture delivered at the Program for Sensitisation of Caregivers of Children with ASD, organized by the Department of Clinical Psychology, AIISH on 22 September 2011.
- Educational Opportunities and Facilities for Children with Special Needs. Lecture delivered at the Parent Enrichment Programme, organized by the Department of Special Education, AIISH on 23 September 2011.
- Identification of Special Needs in School Children and Management of Special Needs in Mainstream Classrooms. Lecture delivered at Sarva Siksha Abhiyan Program for Inclusive Education Resource Teachers, organized by the Department of Clinical Psychology, AIISH on 29 September 2011.
- Educational Guidance and Services. Lecture delivered at the Monthly Video-Conferencing Program, organized by the Center for Rehabilitation and Education through Distance Mode, AIISH on 24 October 2011.
- Educational Technology for Children with Special Needs: An Overview. Lecture delivered at the Workshop on Application of Educational Technology in Teaching Children with Special Needs, organized by the Department of Special Education, AIISH

on 7 December 2011.

- Identification and Management of Special Learning Needs in Mainstream Classrooms. Lecture delivered at the Regional In-Service Course for Primary School Educators, organized by the Kendriya Vidyalaya, Southern Region, Mysore on 28 December 2011.
- Pre-academic Training. Lecture delivered at the Workshop on Early Intervention in Natural Environment for Children with Hearing Impairment, organized by the Department of Special Education, AIISH on 28 February 2012.

Dr. Manjula P., Professor in Audiology

- Management of (C)APD Device options for Auditory Processing Deficits. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Dr. Manjula R., Professor in Speech Pathology

- Neurogenic Communication Disorders and Cognition. Lecture delivered at the National Symposium on Exploring Areas of Research in Cognitive Sciences, organized by the Department of Audiology, AIISH on 30 June-1 July 2011.
- Prevention and Early Identification of Speech and Language Disorders. Lecture delivered at the Workshop on Early Identification of Communication Disorders, organized by the Department of ENT, AIISH on 21 September 2011.
- Prevention of Noise Induced Hearing Loss. Lecture delivered at the Training Program for

Medical Officers in Karnataka on Occupational Health Risks, organized by Southern Regional. Occupational Health Centre and ICMR, Bangalore on 23 September 2011.

- Profiling and Management of Articulation Disorders in Motor Speech Disorders. Lecture delivered at the National Workshop on Phonological Disorders: Clinical Perspectives, organized by the Department of Clinical Services, AIISH on 6 January 2012.
- Screening Newborns for Hearing, Speech and Language in Community Set Up. Lecture delivered at the National Multi-disciplinary Consultative Meet on Developing Operational Guidelines for Developmental Screening and Early Intervention Services (0-3 years) for at risk Newborns Discharged from the Health Facility, organized by UNICEF and Department of Neonatology, IPGMER & S.S.K.M. Hospital, Kolkata on 24-26 January 2012.

Ms. Megha, Clinical Assistant

- Direct Remediation of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Fine Tuning of Digital Hearing Aids. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by the Department of Audiology, AIISH on 10 October 2011.

Mr. Niraj K. Singh, Lecturer in Audiology

- Mechanisms of Selected Auditory and Related Processes: Overview of (C)APD. Lecture delivered at the National Symposium

on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

- Anatomy of the Non-classical Auditory Pathway. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus, organized by the Department of Audiology, AIISH on 30 September 2011.

Mr. Prashanth Prabhu P., Clinical Assistant

- Behavioural Assessment of (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.

Pratibha U., Clinical Psychologist

- Suicide Prevention. Lecture delivered as a part of Lecture Series Program, organized by Indian Association of Clinical Psychologists, Mysore Chapter, University of Mysore on 12 September 2011.
- Adaptive Behaviors and Behavioral Management in Children with ASD. Lecture delivered at the Seminar on Educational Management of Children with ASD, organized by the Department of Special Education, AIISH on 29 February 2012.

Mr. Prawin Kumar, Lecturer in Audiology

- Screening for (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Baseline Evaluation and Grouping of Children for Training. Lecture delivered at the Workshop on Facilitating Early Intervention in Natural Environment for

Children with Hearing Impairment, organized by the Department of Special Education, AIISH on 28th February 2012.

Dr. Prema K.S., Professor in Language Pathology

- Communication Disorders. Answered questions on communication disorders at Namma Arogya Program, organized and broadcasted by AIR, Mysore on 27 April 2011.
- Language and Cognitive Skill Development in Children through Play Behavior: Parents' Role. Talk delivered at Paraspara Live Phone-in Program, organized and broadcasted by AIR, Mysore on 28 April 2011.
- Prevention and Early Identification of Learning Disability. Lecture delivered at the Staff Enrichment Program, organized by the Atomic Energy School, Mysore on 12 May 2011.
- Management of Children with Disabilities. Participated and coordinated interview with parents and professionals at the Bandhani Program, organized and broadcasted by AIR, Mysore on 9 June 2011.
- Cognition and Literacy: Issues for Research in the Indian Context. Plenary talk delivered at the National Symposium on Cognitive Sciences, organized by the Department of Speech Language Sciences, AIISH on 30 June-1 July 2011.
- Academic Problems in Primary School Children. Lecture delivered at Sarva Siksha Abhiyan Program for Inclusive Education Resource Teachers, organized by the Department of Clinical Psychology, AIISH on 29 September 2011 and 2 February 2012.

Dr. Pushpavathi M., Professor in Speech Language Pathology

- Activities of the Unit for Structural Orofacial Anomalies. Panel discussion, Indocleft. Bangalore, Karnataka on 27 January 2012.

Dr. G. Rajeshwari, Professor in ENT

- Medical Aspects of Tinnitus and Hyperacusis and its Medical Management. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus and Hyperacusis, organized by the Department of Audiology, AIISH on 30 September 2011.

Dr. Ramadevi K.J., Audiologist

- Care, Use and Troubleshooting of Hearing Aids. Lecture delivered at the Workshop on Body Level Hearing Aid Users, organized by the Department of Audiology, AIISH on 22 June 2011.
- Digital Hearing Aids: Care, Use and Troubleshooting. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by the Department of Audiology, AIISH on 10 October 2011.

Dr. Sandeep M., Lecturer in Audiology

- Audiological Assessment of Tinnitus and Hyperacusis. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus, organized by the Department of Audiology, AIISH on 30 September 2011.

Ms. Sangeetha M., Clinical Lecturer

- An Overview and Identification of Speech Disorders in School Going Children. Lecture delivered at Sarva Siksha Abhiyan Program for Inclusive Education Resource Teachers of

Lakshadweep, organized by the Department of Clinical Psychology, AIISH on 20 September 2011.

- Stuttering. Lecture delivered at the Seminar on Stuttering, organized by the Department of Clinical Services, AIISH on 29 October 2011.
- Govt. Schemes, Benefits and Concessions for Persons with Differentially Abled. Lecture delivered at the Orientation Program for NGO workers, Aashiyana, Mysore, organized by the Department of Clinical Psychology, AIISH on 21 June 2011.

Mr. Sanjeev K. Gupta, Clinical Psychologist

- Etiology of Suicide. Lecture delivered as a part of Lecture Series Program organized by Indian Association of Clinical Psychologists, Mysore chapter, University of Mysore on 12 September 2011.

Dr. Santosh M., Reader in Speech Sciences

- Challenges in Management of Stuttering. Lecture delivered at the National Seminar on Fluency Disorders, organized by the Department of Speech Language Sciences, AIISH on 16 March 2012.

Dr. Shyamala K.C., Professor in Language Pathology

- Bilingual Issues and Cognition. Lecture delivered at the National Symposium on Exploring Areas of Research in Cognitive Sciences, organized by the Department of Speech Language Sciences, AIISH, on 30 June 1 July 2011.
- Assessment of Aphasia in Indian Context: Illiteracy & Multilingualism. Lecture delivered at the 2nd Teaching Course, organized by World Federation of Neurology, Kolkata on 6 January 2012.

- Dementia: Characteristics, Differential Diagnosis & Assessment. Lecture delivered at 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad on 19 January 2012.
- Multilingualism and Issues in Speech Language Pathology. Dr. N. Ratna Oration lecture delivered at 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad on 21 January 2012.

Dr. Sreedevi, N., Lecturer in Speech Sciences

- Assessment of Phonological Disorders. Lecture delivered at the National Workshop on Phonological Disorders: Clinical Perspectives, organized by the Department of Speech Language Sciences, AIISH on 6 January 2012.
- Remedial Measures for Mis-articulation in Children with Special Needs. Lecture delivered at the Parents Enrichment Program, organized by the Department of Special Education, AIISH on 8 March 2012.

Mr. Sreeraj, K., Lecturer in Audiology

- Overview, Etiologies, Types of Tinnitus and Epidemiology of Tinnitus and Hyperacusis. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus, organized by the Department of Audiology, AIISH on 30 September 2011.

Mr. Subramanya, M.N., Laboratory Assistant

- Ear Mould Making with Hard Material. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.
- Adaptation in Outreach Programs: Steps to

Preserve Impressions. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.

Mr. Sujeet K. Sinha, Lecturer in Audiology

- Neuroanatomy and Neurophysiology of Auditory Information Processing. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
- Peripheral and Central Process Involved in Tinnitus and Hyperacusis. Lecture delivered at the National Seminar on Evaluation and Management of Tinnitus, organized by the Department of Audiology, AIISH on 30 September 2011.

Dr. Swapna, N., Lecturer in Speech Pathology

- Intervention Strategies in Classroom Settings. Lecture delivered at the Staff Enrichment Program, organized by the Atomic Energy School, Mysore on 11 May 2011.
- Communication, Speech and Language Aspects. Lecture delivered for C4D2 course, organized by the Dept. of Clinical Psychology, AIISH on 21 June 2011.
- Intervention Strategies in Classroom Settings. Lecture delivered at Sarva Siksha Abhiyan Program for Inclusive Education Resource Teachers, organized by the Department of Clinical Psychology, AIISH on 21 September 2011.

Dr. Vijayakumar N., Lecturer in Audiology

- Cognitive Involvement in (C)APD. Lecture delivered at the National Symposium on Assessment and Management of (Central)

Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011

- Speech Processing and Auditory Evoked Potentials. Lecture delivered at the Seminar on Cognition and Brain Computer Interface, organized by the M S Ramaiah Institute of Technology in collaboration with the Ramaiah Institute of Neurosciences, Bangalore on 26-30 March 2012.

Dr. S. Venkatesan, Professor in Cli. Psychology

- Laws, Rights and Privileges of Persons with Disabilities. Lecture delivered to PG Students of Child Mental Health, Manasa Education Foundation, Kuvempu University, Shimoga at Gangotri School, Mysore on 11 June 2011.
- Cognitive Sciences: Psychological Avenues and Prospects. Lecture delivered at the National Symposium on Exploring areas of Research in Cognitive Sciences, organized by the Department of Speech Language Sciences, AIISH on 30 June-1 July 2011.
- Psychology in India: Then and Now. Key note address delivered at the Inauguration of the Psychology Association, Christ University, Bangalore on 12 July 2011.
- Disability, Impairments and Handicaps. Lecture delivered for the International Diploma in Guidance and Counseling Program at Regional Institute of Education, Mysore on 16 August 2011.
- Problem Behavior Management in Children. Lecture delivered for the International Diploma in Guidance and Counseling Program at Regional Institute of Education, Mysore on 17 August 2011.

- Learning Disabilities in School Children. Lecture delivered for the International Diploma in Guidance and Counseling Program at Regional Institute of Education, Mysore on 18 August 2011.
 - Interventions for Individuals with Central Auditory Processing Disorders: Psychological Perspective. Lecture delivered at the National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology, AIISH on 19-20 August 2011.
 - Mind Assessment and Management in Persons with Stroke. Lecture delivered at the National Seminar on Stroke, organized by the Department of Clinical Services, AIISH on 10-11 November 2011.
 - Psychological Aspects of Stroke. Lecture delivered at the National Seminar on Stroke, organized by the Department of Clinical Services, AIISH on 10-11 November 2011.
 - Neuropsychological Functional Assessment Battery for Adult with Mental Retardation (N-FAB) Test. Lecture delivered during the release function of N-FAB Test, organized by M/s Psychotronics, Bangalore on 12 November 2011.
 - Academic Problems in School children. Lecture delivered for functionaries under Sarva Siksha Abhiyan, organized by the Faculty of Disability Management and Special Education, Ramakrishna Mission Vivekananda University, Kovai, Tamil Nadu on 3-4 December 2011.
 - Disability Rights and Laws: Need for Rereview. Lecture delivered at the Seminar on Rights and Acts for Persons with Disability, organized by the Department of Clinical Services, AIISH on 5 December 2011.
 - Introduction to Disabilities and Home Based Training Programs. Lecture delivered at Sarva Siksha Abhiyan Program for Home Based Training Workers, organized by the Department of Clinical Psychology, AIISH on 12 January 2012.
 - Learning Disability. Lectures delivered at the Workshop on Learning Disability organized by SDM College, Ujire, Dakshina Kannada, sponsored by UGC on 27 January 2012.
 - Current Perspectives and Psychological Tools for Evaluation of the Effects of Music Therapy. Lecture delivered at the Workshop on Music Therapy, organized by AYUSH and Ganapati Satchitananda Datta Peetam, Bangalore on 8 February 2012.
- Mr. Vivek A, Prosthodontic Technician**
- Ear Examination and Ear Impression Technique. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.
 - Different Techniques of Impression Taking for Hard and Soft Mould. Lecture delivered at the Workshop on Ear Mold Technology, organized by the Department of Audiology, AIISH on 6-7 September 2011.
- Ms. Yeshoda K, Lecturer in Speech Sciences**
- Forensic Speaker Identification: Methods and Pattern Matching Techniques and Recording Procedures. Lecture delivered at the Bureau of Police Research and Development, New Delhi on 2, 25 and 26 November 2011.
 - Introduction to Speech and Language

Methods of Forensic Speaker Identification and Recording Procedures. Lecture delivered at the Bureau of Police Research and Development, New Delhi on 20 January 2012.

- Nonorganic Voice Disorders. Lecture delivered at the National Seminar on Evidence Based Practice in Voice Disorders, organized by the Department of Speech - Language Sciences, AIISH on 15 March 2012.

Honorary Works Done & Academic / Administrative Responsibilities Held:

The faculty and staff of the institute carried out significant honorary works like editorial and referee jobs for journals, reviewing of projects sponsored by national agencies, evaluation of theses and dissertations. Also, they held various academic and administrative positions at the institute and served other organizations, establishments and government bodies under various capacities during the reporting year. The details are given below.

Dr. S. R. Savithri, Professor in Speech Sciences

- Director.
- Member, Peer Team, National Assessment and Accreditation Council, Bangalore.
- Member, Selection Committee, Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai.
- Member, Advisory Committee on Audiological Testing and Dispensing of Hearing Aids and Devices, Rehabilitation Council of India, New Delhi.
- Resource person for Health Care Management

(Mental Health) for the Training Programs of Administrative Training Institute, Mysore.

- Member, Governing Council, JSS Institute of Speech and Hearing, Mysore.
- Member, Academic Council, Ali Yavar Jung National Institute of Hearing Handicapped, Mumbai.
- Member, Standing Advisory Committee on Indian Sign Language Research and Training Center, IGNOU, New Delhi.
- Member, Project Review and Steering Group (PRSG) on Speech Technology Consortia Projects, Department of Information Technology, Ministry of Communications and Information Technology, New Delhi.
- Member, Affiliation Committee, College Development Council, University of Mysore, Mysore.
- Member, Expert Committee for the Selection of Associate Professor (Speech and Hearing) in National Institute for Empowerment of Persons with Multiple Disabilities, Chennai.
- Member, CESE, Indian Speech and Hearing Association (ISHA).
- Member, Science Faculty, University of Mysore.

Mr. Ajish K. Abraham, Reader in Electronics

- Head, Department of Electronics.
- Member, Acoustics Standards Committee, Bureau of Indian Standards, New Delhi.
- Technical Coordinator, DHLS program
- Warden, Bodhi Gent's Hostel.
- Officer In-charge, Institute Vehicles.
- Officer In-charge, Institute Website.
- Member, Board of Examinations, University of Mysore, Mysore.

- Member, Executive Committee AIISH Gymkhana.

Dr. Ajith Kumar U, Reader in Audiology

- Chairperson, Application Scrutinization Committee for Group 'A' posts.
- Member, Board of Examinations, University of Calicut, Calicut.
- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Board of Examinations, Bangalore University, Bangalore.
- Coordinator, NPPCD.
- District Coordinator, NPPCD, Uttara Kannada.
- Officer In charge, AIISH Guest House.
- Liaison Officer.
- Associate Editor, Journal of Indian Speech and Hearing Association.
- Associate Editor, International Journal of Otolaryngology.
- Reviewer, Journal of Audiological Society of America.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, Medical hypothesis.
- Reviewer, Journal of All India Institute of Speech and Hearing.
- Reviewer, 44th ISHA Conference Papers.
- Developed material for auditory disclosure.

Dr. Animesh Barman, Reader in Audiology

- Head, Department of Audiology.
- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Board of Examinations, Bangalore University, Bangalore.

- Coordinator, DHLS Centre, Cuttack.
- Member, Committee for Computerization of Institute Activities.
- Member, Building and Works Committee.
- Member, Patient Welfare Fund Committee.
- Member, Steering Committee, Self-study Report for NAAC.
- Chairperson, Application Scrutinization Committee, Group 'C' posts.
- Reviewer, 44th ISHA Conference Papers.

Dr. Asha Yathiraj, Professor in Audiology

- Head, Department of Material Development.
- Chairperson, Listening Training Unit.
- Chairperson, Dr. Vijayalakshmi Charitable Society.
- Chairperson, Board of Examinations University of Mysore, Mysore.
- Member, Core Committee, Quasi Distance Mode PG Program in SLHS.
- Member, Inspection Committee, Rehabilitation Council of India, N.Delhi.
- Reviewer, Journal of RCI.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, ARF Projects.

Mr. Brajesh P., Lecturer in Linguistics

- Coordinator, DHLS Centre, Bhagalpur.
- Joint Secretary, AIISH Gymkhana.

Ms. Chandni Jain, Lecturer in Audiology

- Member, Committee on Issues of Clinical Services.
- Member, Listening Training Unit.
- Member, Learning Disability Unit.

- District Coordinator, NPPCD, Mandya.

Ms. Devi N, Lecturer in Audiology

- Member, Neonatal Screening Committee, DHLS centre, Cuttack.
- District Coordinator, NPPCD, Chamaraja Nagar.
- Reviewer, 44th ISHA Conference Papers.

Ms. Geetha C, Lecturer in Audiology

- District Coordinator, NPPCD, Hassan.
- Reviewer, 44th ISHA conference papers.
- Warden, Ladies Hostel.

Dr. Y.V. Geetha, Professor in Sp. Sciences

- Head, Department of Speech Language Sciences.
- Member, Sexual Harassment Committee.
- Member, Fluency Unit.
- Chairperson, Newsletter Committee.
- Member Secretary, ARF Project Review Committee.
- Member, Board of Examinations, Mangalore University, Mangalore.
- Member, Board of Examinations, University of Mysore, Mysore.

Mr. Gopikishore, Lecturer in Sp. Pathology

- Member, U-SOFA.
- District Coordinator, NPPCD, Kolar.
- Representative, Group 'A' Staff, AIISH Gymkhana.

Dr. S.P Goswami, Reader in Speech Pathology

- Head, Department of Clinical Services.
- Member, Fluency Unit.
- Member, Augmentation and Alternative

Communication Unit.

- Member, Autism Spectrum Disorder Unit.
- Member, Unit of Structural and Orofacial Anomalies.
- Member, Learning Disability Clinic.
- Member, Motor Speech Disorder Unit.
- Member, Anti-ragging Squad.
- Member, Committee on 12th Five year plan for Empowerment of Persons with disability, Ministry of Social Justice & Empowerment, Govt. of India.
- Member, Selection Committees for various posts.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, 44th ISHA Conference Papers.

Mr. Gopi Sankar R, Research Officer

- Member Secretary, U-Sofa.
- District Coordinator, NPPCD, Tumkur.
- Reviewer, Cleft Palate Cranio-facial Journal.

Dr. Jayasree Shanbal, Lecturer in Language Pathology

- Member Secretary, Autism Spectrum Disorders Unit.
- Member Secretary, Learning Disability Unit.
- Member Secretary, AIISH Gymkhana.
- Member, Public Grievances and Redressal Committee.

Dr. Malar G, Reader in Special Education

- Member, Board of Examinations, University of Mysore, Mysore.

Ms. Mamatha N.M., Lecturer in Audiology

- Reviewer, 44th ISHA Conference Papers.
- District Coordinator, NPPCD, Chickmagalore.

Dr. Manjula P., Professor in Audiology

- Head, Department. of Prevention of Communication Disorders.
- Overall coordinator, NPPCD.
- Chairperson, Hearing Aid Dispensing Unit.
- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Board of Examinations, Bangalore University, Bangalore.
- Vice-President, AIISH Gymkhana.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, 44th ISHA Conference Papers.
- Reviewer, ARF Projects.

Dr. R. Manjula, Professor in Sp. Pathology

- Head, Centre for Rehabilitation and Education through Distance Mode.
- Coordinator, AAC Unit.
- Coordinator, DHLS Centre, New Delhi.
- Member, Review of ARF Projects Committee.
- Member, Anti Ragging Committee.
- Member, Selection Committee, Group B & C Staff.
- Vice President, ISAAC- India Chapter.

Mr. N. Manohar, Lecturer in Electronics

- Member, Library Committee.
- Member, Committee for AAC Speciality Clinic.
- Officer In-charge, Digital Library Portal.
- Nodal Officer, Youth Red Cross Unit.

Mr. Niraj K.Singh, Lecturer in Audiology

- Member, Vertigo Clinic.
- District Coordinator, NPPCD activities, Udupi.
- Reviewer, 44th ISHA Conference Papers.

Mr. Prawin Kumar, Lecturer in Audiology

- Officer Incharge, Ashoka International Guest House.
- District Coordinator, NPPCD, Chikkaballapur.
- Reviewer, 44th ISHA Conference Papers.

Dr. K.S. Prema, Professor in Language Pathology

- Head, Department of Special Education.
- Member, Board of Studies, University of Mysore, Mysore.
- Member, Autism Spectrum Disorders Unit.
- Member, Learning Disability Unit.
- Member, Core Committee on Quasi Distance Mode PG Program in Speech Language and Hearing.
- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Committee for Internal Quality Assurance Mechanism.
- Course Coordinator, DTYDHH.
- Member, ARF Project Review Committee.
- Member, Steering Committee for Self Study report for NAAC.
- Member, Dravidian Linguistic Association.
- Member, Indian Speech and Hearing Association.
- Member, Fulbright State Alumni Association.
- Member, Women in Science.
- Member, Internal Research Committee for Evaluation.

Ms. Priya M.B, Speech-Language Pathologist

- Member, Internship Coordination Committee.

Dr. M. Pushpavathi, Professor in Sp. Pathology

- Academic Coordinator.
- Chairperson, U-SOFA.
- Coordinator, DHLS Center, Mumbai.
- Member, Anti Ragging Committee.
- Treasurer, AIISH Alumni Association.

Mr. R. Rajasudhakar, Lecturer in Sp.Sciences

- Member, Professional Voice Care Center.
- Asst. Hostel Warden, Gents Hostel.

Dr. Rajalakshmi K, Reader in Audiology

- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Board of Examinations, Bangalore University, Bangalore.
- Member, Board of Examinations, MAHE.
- Member, Inspection Committee, Rehabilitation Council of India.
- Coordinator, DHL Centre, Jabalpur.
- Reviewer, Noise and Health Online journal.
- Reviewer, Journal of Psychology.
- Reviewer, 44th ISHA Conference Papers.

Dr. R. Rajeswari, Professor in ENT

- Head, Department of ENT.
- Chairperson, Hostel Committee.
- Chairperson, Public Grievances Committee.

Ms. Revathi K.R, Clinical Supervisor

- Member, Neonatal Screening Committee, DHLS centre, Ajmer.
- Member, Committee on Issues of Clinical

Services.

- Member Secretary, Listening Training Unit.

Dr. Sandeep M, Lecturer in Audiology

- Coordinator, DHLS Centre, Lucknow.
- Member, Library Committee.
- Member, CP unit.
- Sports Secretary, AIISH Gymkhana.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, 44th ISHA Conference Papers.

Dr. Santosh. M., Reader in Speech Sciences

- Member, Fluency Unit.

Mr. Sharath Kumar K.S., Research Assistant

- District Coordinator, NPPCD, Chitradurga.

Dr. Shyamala K.C., Professor in Language Pathology

- Head, Department of Speech Language Pathology.
- Overall Coordinator, DHLS Program.
- Member, Board of Studies, Osmania University, Hyderabad.
- Member, Board of Studies, Calicut University, Calicut.
- Member, Board of Studies, Kerala University, Trivandrum.
- Member, Board of Studies, Banaras Hindu University, Varanasi.
- Member, Board of Examinations, Kerala University, Trivandrum.
- Member, Board of Examinations Bangalore University, Bangalore.
- Member, Board of Studies, University of Mysore, Mysore.

- Coordinator & Chairperson, ASD Unit.
- Chairperson, Library Committee.
- Central Vigilance Officer.
- Chairperson, Service Betterment Committee.
- Member, Postdoctoral Committee.
- Member, Quarters Allotment Committee.
- Member, Committee for Review of ARF Projects.
- Chairperson, Sexual Harassment Committee.
- Chairperson, DPC.
- Member, EC, AIISH Alumni Association.
- Reviewer, Journal of Indian Speech and Hearing Association.

Dr. N. Sreedevi, Lecturer in Speech Sciences

- Warden, Ladies Hostel.
- Member, Board of Examinations, Mysore University, Mysore.
- Member Board of Examinations, Bangalore University, Bangalore.
- Member, Board of Examinations, Kannur University, Kannur.
- Member, Board of Examinations, Kerala University, Trivandrum.
- Member, Board of Examinations, SRMC, Chennai.
- Member, Indian Speech and Hearing Association.
- Member, Selection Committee for Various Posts.

Mr. Sreeraj K., Lecturer in Audiology

- District Coordinator, NPPCD, Bagalkote.
- NSS Program Officer.

Mr. Sujeet K. Sinha, Lecturer in Audiology

- Member Secretary, Vertigo Clinic.
- Member, Public Grievance Cell.
- Reviewer, Journal of Indian Speech and Hearing Association.
- Reviewer, 44th ISHA Conference Papers.

Ms. Suma Chatni, Project Assistant

- Assistant NSS Program Officer, NSS Special Camp at Mandya in March 2012.

Dr. H. Sundara Raju, Professor in ENT

- Member, Board of Examinations, University of Mysore, Mysore.
- Cental Public Information Officer
- Estate Officer.

Dr. N. Swapna, Lecturer in Speech Pathology

- Coordinator, DHLS Centre, Puducherry.
- Member, Listening Training Unit.
- Member, Infant Screening Committee DHLS Center, Ajmer.
- Chairperson, Motor Speech Disorders Unit.
- Coordinator, CBCS I MSc (SLP) and PGDCL-SLP.
- Member, Board of Examinations, University of Mysore, Mysore.

Dr. Vasanthalakshmi, Lecturer in Statistics

- Member, Board of Examinations, University of Mysore, Mysore.
- Member, Board of Examinations, Bangalore University, Bangalore.
- Member, Board of Examinations, Kerala University, Trivandrum.

Dr. Venkatesan, Professor in Psychology

- Reviewer, Psychological Studies, Springer, New York.

- Reviewer, Journal of Disability Management and Special Education.
- Reviewer, Indian Journal of Clinical Psychology.
- Reviewer, Journal of Indian Speech and Hearing Association.

Dr. Vijayakumar N., Lecturer in Audiology

- District Coordinator, NPPCD, Gadag.
- Reviewer, 44th ISHA Conference Papers.

Ms. K.Yeshoda, Lecturer in Speech Sciences

- Coordinator, Journal of All India Institute of Speech and Hearing Committee.
- Member, Professional Voice Care Center.
- Chairperson, Professional Voice Care Center.
- Member, Selection Committee for Administrative Assistants.
- Internship Coordinator.
- Officer In charge, Placement Cell.

VIII. Guest Lectures

The institute hosted lectures by distinguished persons both by special invitation and if they visit the institute as a part of other engagement. Faculty and students were encouraged to meet the visitors and engage in interactions. Some of the important lectures delivered by the eminent personalities, who visited the Institute during the reporting year, are given in table 7.

Table 7: Guest Lecturers

Sl. No	Name	Topic	Date
1.	Dr. G.N.Rangamani, Professor, St. Cloud State University, USA.	Cognitive linguistic assessment in individuals with aphasia	30.04.11
2.	Dr. Teresa Estrem, Professor, St. Cloud State University, USA.	Communication skills in preschool groups.	12.05.11
3.	Dr. Ananthanarayan K., Professor in Hearing Science and Audiology, Purdue University, USA.	Language experience on pitch representation in the human brain stem	04.07.11
4.	Dr. Morag Clark, International Consultant, AG Bell Academy for Listening & Spoken Language, USA.	Natural auditory oral education on parent guidance.	18.11.11
5.	Dr. Alexie Kochetov, Assistant Professor, University of Toronto, USA.	Articulatory analysis	08.12.11
6.	Dr. Jerry Northern, Professor Emeritus, Audiology Clinical Services, University of Colorado, USA	Frontiers in paediatric audiology research	27.01.12
7.	Dr. Hans Oswald, Director, Path Medical Audiological Equipment, Germany.	Demonstration of latest hearing assessment equipment.	01.02.12
8.	Mr. Ajimsha, Clinical Manager, Advanced Bionics Pvt. Ltd., Bangalore.	Cochlear implant technology	15.02.12



Dr. Jerry Northern, Professor, University of Colorado, USA, delivering guest lecture.

IX. Orientation and Short-term Training Programs

The institute conducted 102 orientation and short-term training programs on various aspects of communication disorders and special education services. More than 1700 persons including speech and hearing and allied professionals, ENT residents, school and college teachers, education trainees, members of voluntary organizations, family members and care givers of persons with communication disorders from across the main land, Lakshadweep and Andaman Nicobar Islands and countries like Bangladesh and The Netherlands attended the programs. The major themes of orientation programs are the following:

- Acoustic measurements and calibration of audiological equipment
- Assessment of voice
- Communication disorders in children and school screening program
- Conservation of voice

- Ear mould technology
- Effect of diet on behavior of children
- Forensic speaker identification
- Hearing evaluation and hearing aid trial
- Instrumentation in evaluation of voice & speech disorders
- Introduction to communication disorders
- Issues in professional voice
- Learning disability and related issues
- Normal voice production
- Preschool training for children with communication disorders
- Prevention, identification and management of communication disorders
- Speech language analysis Software.
- Speech and language pathologies

X. Workshops/Seminars/Conferences

The institute conducted 27 professional workshops, seminars and conferences pertaining to communication disorders and related topics during the reporting year in which 2260 students, researchers, teachers and practitioners in the field, care givers of persons with communication disorders and hearing aid users across the country attended. The details are given below.

1. National Workshop on Forensic Speaker

- Identification, organized by the Department of Speech - Language Sciences under the coordination of Dr.Y.V.Geetha on 11-14 April 2011 in which 10 speech - language pathologists and scientists from forensic labs across the country participated.
2. Workshop on Intervention in Autism Spectrum Disorders, organized by the Department of Speech - Language Pathology under the coordination of Dr.Shyamala K.C, on May 5 2011 in which 105 staff, students and parents of children with ASD participated.
 3. Workshop on Care, Use and Troubleshooting of Body Level Hearing Aids, organized by the Department of Audiology under the coordination of Dr. K.J. Ramadevi and Mr. Darga Baba Fakruddin on 22 June 2011 in which 17 hearing aid users participated.
 4. National Symposium on Exploring Areas of Research in Cognitive Sciences, organized by AIISH under the coordination of Dr. Manjula P. on 30 June- 1 July 2011 in which 55 professionals in the fields of linguistics, psychology, neurosciences, audiology, speech language pathology, anthropology, and special education participated.



Inauguration of the National Symposium on Areas of Research in Cognitive Sciences.

5. Seminar on Acquired Brain Injury in Children and Adolescents, organized by the Department of Speech Language Pathology under the coordination of Dr. Shyamala K.C on 21 July 2011 in which 88 institute students, research scholars and staff participated.



Dr. Sian A. Rees, Director, SHIPS Project, UK, speaks at the Seminar on Acq. Brain Injury.

6. Workshop on Introduction to Computers and Information Technology, organized by the Department of Electronics under the coordination of Mr.Ajish Abraham on 23 July 2011 in which 65 institute staffs and students participated.
7. Seminar on Dietary Intakes and Concerns in Typically Developing Children and Persons with Communication Disorders, organized by the Department of Clinical Services under the coordination of Ms. Prathima on 25 July 2011 in which 85 caregivers participated.
8. Seminar on Therapy for Anomia: Recent Trends, organized by the Department of Speech - Language Pathology under the coordination of Dr.M. Pushpavathi on 28 July 2011 in

- which 80 institute students, research scholars and staff participated.
9. National Symposium on Assessment and Management of (Central) Auditory Processing Disorders, organized by the Department of Audiology under the coordination of Mr. Niraj Kumar Singh and Mr. Prawin Kumar on 19-20 August 2011 in which 170 speech and hearing students and professionals participated.
 10. Workshop on Ear Impression Technique, organized by the Department of Audiology under the coordination of Ms. Devi N and Mr. Vivek A on 6-7 September 2011 in which 17 special school teachers from Andhra Pradesh participated.
 11. Seminar on Speech and Language Therapy, Behavioral Management, Physical and Motor Management and Curriculum Support, organized by the Department of Clinical Services under the coordination of Ms. Geetha M.P on 15 September 2011 in which 15 teachers participated.
 12. Workshop on Early Identification of Communication Disorders, organized by the Department of ENT under the coordination of Dr. H. Sundara Raju on 21 September 2011 in which 91 school teachers participated.
 13. Seminar on Sensitizing Parents of Special Children about Child Development, organized by the Department of Clinical Services under the coordination of Ms. Geetha M.P on 28 September 2011 in which 50 parents participated.
 14. National Seminar on Evaluation and Management of Tinnitus and Hyperacusis, organized by the Department of Audiology under the coordination of Mr. Sujeet Kumar Sinha and Ms. Mamatha M.N on 30 September 2011 in which 67 audiologists and post-graduate students participated.
 15. Workshop for Digital Hearing Aid Users, organized by the Department of Audiology under the coordination of Dr. K.J.Ramadevi, Mr. Darga Baba Fakruddin, Ms. Megha and Mr. Jawahar Antony P on 20 October 2011 in which 8 digital hearing aid users participated.
 16. Seminar on Stuttering, organized by the Department of Clinical Services under the coordination of Ms. Sangeetha Mahesh on 24 October 2011 in which 200 teacher trainees participated.
 17. National Seminar on Stroke, organized by the Department of Clinical Services under the coordination of Ms. Preethi T. Thomas on 10-11 November 2011 in which 130 speech-language pathologists, audiologists, psychologists, medical professionals, occupational therapists, physiotherapists and medical social workers participated.
 18. National Seminar on Advances in Cochlear Implant Technology, organized by the Department of Audiology under the coordination of Dr. Manjula P and Ms. Geetha C on 18-19 November 2011 in which 48 speech and hearing students, professionals and ENT doctors participated.



Inauguration of the National Seminar on Advances in Cochlear Implant Technology



Dr.K.S.Pavitra, Neuro Psychiatrist, speaks at the Workshop on Educational Management of Children with Autism Spectrum Disorders

19. Seminar on Rights and Acts for Persons with Disability, organized by the Department of Clinical Services under the coordination of Mr. Prashanth R. on 5 December 2011 in which 285 speech and hearing and law college students, professionals and the general public participated.
20. Workshop on Application of Educational Technology in Teaching Children with Special Needs, organized by the Department of Special Education under the coordination of Prof. K.S.Prema, Ms.Prithi Nair, Ms.O.Shobha & Ms.P.Vijetha on 7 December 2011 in which 41 special educators, teacher trainees and students participated.
21. National Workshop on Phonological Disorders: Clinical Perspective, organized by the Department of Speech Language Sciences and the Department of Clinical Services under the coordination of Dr. N. Sreedevi and Ms. Priya M. B on 6 January 2012 in which 200 speech language pathologists and linguists participated.
22. Workshop on Developing of Material for Auditory Closure, organized by the Department of Material Development under the coordination of Dr.Asha Yathiraj on 9 February 2012 in which four audiologist and two educators participated.
23. Workshop on Cochlear Implant Technology, organized by the Department of Audiology under the coordination of Dr. Animesh Barman and Mr. Prashanth Prabhu P on 15 February 2012 in which 66 institute staff and students participated.
24. Workshop on Facilitating Early Intervention in Natural Environment for Children with Hearing Impairment, organized by the Department of Special Education under the coordination of Prof. K. S. Prema and Ms.Prithi Nair on 28 February 2012 in which 70 special educators, teacher trainees and school administrators participated.
25. Seminar on Educational Management of Children with ASD, organized by the Department of Special Education under the coordination of Prof. K.S.Prema, Ms. Ramanakumari P.D. and Ms. Shobha B.N. on 29 February 2012 in which 95 special educators and caregivers participated



Dr. B. Rajashekar, Dean, Manipal College of Allied Health Sciences, speaks at the National Seminar on EBP in Voice Disorders.

26. National Seminar on Evidence Based Practice in the Management of Voice Disorders, organized by the Department of Speech - Language Sciences under the coordination of Ms. K. Yeshoda on 15 March 2012 in which 150 speech - language pathologists and postgraduate students participated.
27. National Seminar on Fluency Disorders, organized by the Department of Speech - Language Sciences under the coordination of Dr.Y.V. Geetha on 16 March 2012 in which 150 speech language pathologists and speech and hearing and postgraduate students participated.

3 Research Accomplishments

The institute promotes research related to speech, language, hearing and related fields. Special emphasis is given to clinically relevant applied research on causes, control and prevention of communication disorders, assessment and treatment issues as well as the testing and refinement of new technologies for the speech and hearing impairment. This chapter gives an account of research activities carried out at the institute and the details scientific papers published/presented at various platforms by the faculty, staff and students during the reporting year.

Different levels of research works were conducted at the institute during the reporting year namely, (I) funded research by faculty and staff, and (ii)

student research at postgraduate, doctoral and post doctoral levels carried out under the supervision of faculty.

I. Funded Research Projects

The research projects include extramural and those sponsored by the institute from the AIISH Research Fund (ARF). Extramural research projects were funded by the Department of Science and Technology and Indian Council of Medical Research and international agencies like World Health Organization.

Completed Research Projects: Twenty two research projects worth a total cost of ₹ 86.83 lakhs were successfully completed in different departments during the reporting year, the details of which are given in table 8.

Table 8: Completed Research Projects

1.	Title	Adaptation & standardization of cognitive linguistic quick test in Kannada.
	Investigator(s)	Dr. Vandana V.P Dr. Shyamala K.C
	Funding Source	ARF
	Fund (in ₹ lakhs)	3.40
	Objectives	To adapt and standardize cognitive linguistic quick test in Kannada.
	Outcome	The test battery for attention, memory, language, visuospatial skills and executive functions were administered on 180 healthy monolingual and bilingual participants. Age related reduction in scores of cognitive test battery was obtained for monolinguals and bilinguals. However, bilinguals in all age groups performed better than monolinguals in non linguistic tasks and

monolinguals performed better than bilinguals in linguistic tasks suggesting a bilingual disadvantage in verbal tasks requiring lexical access, and bilingual advantage in non verbal tasks requiring executive control

2. **Title** Assessment battery for children with language based learning disability- Phase II.
Investigator(s) Dr. Jayashree C.S.
Dr. S.P. Goswami
Funding Source ARF
Fund (in ₹ lakhs) 3.23
Objectives To develop an assessment battery for children with learning disability.
Outcome An assessment battery was developed and a pilot study was conducted in which the battery was administered on school children. Based on the results of the pilot study the battery was modified. The final battery was administered on participants from different schools in Mysore. The results revealed a developmental trend across age group. Predictors were extracted through statistical analyses which can be considered during diagnosis. Children at risk for Language learning disability (LLD) can be identified using the tool.

3. **Title** Attitudes of pre-service educators towards inclusive education.
Investigator(s) Ms. P Vijetha
Ms. Prithi Nair
Funding Source ARF
Fund (in ₹ lakhs) 2.50
Objectives To find out the attitudes of pre-service educators and their teacher educators towards Inclusive education.
Outcome The study found that the majority of pre-service educators and their teacher educators were favorable towards inclusive education. An orientation on inclusive education brought significant differences in their attitude towards inclusive education. Many of the B.Ed trainees expressed their apprehensions about handling children with special needs in inclusive classrooms. The study suggested some strategies for modification of attitudes of B.Ed trainees.

4. **Title** Computer based assessment of phonological processes in Malayalam.
Investigator(s) Dr. N. Sreedevi
Funding Source ARF
Fund (in ₹ lakhs) 4.81
Objectives To develop a software for analyzing the phonological processes in Malayalam (2-3.6 years).
Outcome A user-friendly software was developed to analyse the phonological processes in native Malayalam speaking children in the age range of 2-3.6 years. The clinician has to listen to the child's response and click on the options provided for each target word.

- At the end, the program automatically lists the number of processes in each category for the client-tested. It is a quick tool which can be regularly used in the clinical settings for routine evaluation, and assessment of efficacy of speech therapy for children with communication disorders. The whole testing procedure takes about 8-10 minutes.
5. **Title** Computerized screening test for acquisition of syntax in Hindi.
Investigator(s) Mr. Ajish Abraham.
Dr. S.P Goswamy
Mr. Brijesh Priyadarshi
Funding Source ARF
Fund (in ₹ lakhs) 5.80
Objectives To develop a module on computerized Screening Test for Acquisition of Syntax in Hindi (STASH).
Outcome The project computerized STASH with web based technology so that it can be used across the globe irrespective of the type of operating system. It can be used for screening, therapeutic and research purposes in speech, language and hearing clinics. The test will be useful in assessing the syntactic abilities, comprehension and expression of children.

 6. **Title** Cortical potential as measure of auditory temporal processes.
Investigator(s) Dr. Vijayakumar Narne
Dr. Animesh Barman
Mr. Sujeet K. S
Funding Source ARF
Fund (in ₹ lakhs) 3.24
Objectives To measure the auditory late latency responses as a mean of temporal processing in normal hearing individuals, individuals with SNHL and auditory neuropathy (AN).
Outcome CAEPs in quiet and in the presence of noise were recorded in individuals with normal hearing, cochlear SN loss and AN. Along with CAEPs, speech perception scores and gap detection measures were also obtained. N100 latency in AN in quiet was delayed and amplitude was reduced compared to the normal and cochlear hearing listeners; the extent of latency delay was related to psychoacoustic measures of gap detection threshold and speech recognition scores, but not to audibility. Noise in normal and cochlear hearing listeners was accompanied by N100 latency delays and amplitude reductions paralleling those found in AN tested in quiet. Additional N100 latency delays and amplitude reductions occurred in AN with noise. N100 latency to tones and performance on auditory temporal tasks were related in AN subjects. Noise masking in normal hearing subjects affected N100 latency that resembled AN in quiet. This Signifies that N100 latency to tones may serve as an objective measure of the efficiency of auditory temporal processes.

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| 7. | Title
Investigator(s)
Funding Source
Fund (in ₹ lakhs)
Objectives

Outcome | Action plan for disability access audit under UNCRPD
Dr. S. Venkatesan
ARF
2.00
To understand the accessibility for persons with disabilities as per the provisions mandated by the UNCRPD in the public utility buildings.

This investigation covered a sample of six representative public utility buildings located inside AIISH, Mysore. Results paint a rather grim picture on available accessibility for persons with disabilities at the studied institute. At the basic or beginning baseline level, it is seen that there is limited structural access score measuring no more than 29.2% for all the target buildings included in this study. Even wherein few facilities like ramps, railings, furniture, lifts, corridors, lighting or flooring surfaces are available, their accessibility score drops markedly by almost a third to 9.1% when adequacy criteria is adopted to demarcate 'genuine accessibility'. |
| 8. | Title

Investigator(s)

Funding Source
Fund (in ₹ lakhs)
Objectives

Outcome | Development & evaluation of curriculum for speech-language transcription.
Dr. K.S. Prema
Dr. Peribhaskar Rao
ARF
3.94
To develop and evaluate curriculum for training man power on speech language transcription.
Developed CD's and manual for training in speech language transcription. Five course books were developed by identified course writers with experience in the field. Curriculum for training in speech language transcription has been evaluated for impact on a small group of participants and found to be effective with respect to content, training module and duration of training program. |
| 9. | Title

Investigator(s)
Funding Source
Fund (in ₹ lakhs)
Objectives

Outcome | Development of test for assessment of bilingual proficiency through lexical priming task.
Dr. K.S. Prema
ARF
2.58
To develop a language proficiency test for Hindi-English bilingual adults on the principle of primed Lexical Decision Task and to implement the test as a computer based test for online assessment of language proficiency in Kannada-English bilinguals.

Computer based language proficiency assessment tool has been developed for Kannada-English bilinguals using DMDX software and has been administered on 30 bilinguals for their proficiency assessment and for validation of the developed tool with a paper based proficiency questionnaire. The digitized tool |

		showed good correlation with paper-based questionnaire besides being objective, user-friendly and time saving for administration.
10.	Title Investigator(s) Funding Source Fund (in ₹ lakhs) Objectives Outcome	Field testing of manual of adult non-fluent therapy in Kannada Dr. S.P. Goswami Ms. Jayashree C.S ARF 5.71 To field test the manual of adult non-fluent therapy in Kannada. The field tested results have shown that all the 10 persons with non-fluent aphasia did show improvement on various domains i.e. functional communication, repetition, comprehension, expression, naming, reading and writing. This reflects that the manual helps in improving various communication skills. The stimuli presented in the manual have been field tested and thus has proved to be effective in the management of persons with non-fluent aphasia. Furthermore, this manual is quite effective in eliciting responses even in persons with minimal/no verbal responses. Since the manual covers a wide range of activities covering different domains to improve linguistic skills, it provides scope for flexibility and the speech language pathologists can carry out the activities to elicit maximum responses from the person with non-fluent aphasia. Also, using this manual suitable feedback can be given to persons with non-fluent aphasia and to their caregivers. In addition, it is emphasized to use this manual along with various traditional therapy techniques, appropriate cueing strategies as stated in the manual which can bring about a difference in the communication skills in persons with non-fluent aphasia.
11.	Title Investigator(s) Funding Source Fund (in ₹ lakhs) Objectives Outcome	Impact evaluation of training courses in rehabilitation and special education. Dr. S. Venkatesan ARF 2.22 To evaluate the impact of training courses in rehabilitation and special education by developing appropriate tools, techniques or devices. Results indicated that it is feasible to develop objective, reliable and valid program impact assessment tools to evaluate academic programs which were indeed being organized effectively. It was also found that the eventual impact of the programs is being reflected in terms of their increasing demand, higher pass percentages, growing placement records, and positive student-staff feedback. All this calls for the continuation of these programs with persistent vigor.
12.	Title Investigator(s)	Language performance of KannadaEnglish bilingual individuals with dementia Dr. Shyamala. K.C

	Funding Source	ARF
	Fund (in ₹ lakhs)	5.92
	Objectives	To develop and establish preliminary normative data for Dementia Assessment in Kannada & English.
	Outcome	The study was conducted on 90 Kannada-English bilingual healthy participants and 30 Kannada-English bilinguals with dementia and it revealed significant deficits in all DAB-K and MMSE subtests in individuals with dementia when compared to normal population. The study focused significant deficits in memory, linguistic expression and visuospatial construction of DAB-K test when all the 3 normal subgroups (20-40 years, 40-60 years and 60 years & above) were compared. Age related decline in scores were obtained in 40-60 year age group for tests of memory and visuo spatial construction sub tests of DAB-K. However, older age groups (60 years and above) had poorer scores in all subtests except memory, visuospatial constructions and linguistic comprehension sub tests.
13.	Title	Patterns of recovery in CWS
	Investigator(s)	Dr. Y.V. Geetha Ms. Sangeetha M
	Funding Source	ARF
	Fund (in ₹ lakhs)	4.71
	Objectives	To determine with reasonable accuracy the proportion of children who persist in stuttering and those who recover on their own accord (spontaneous recovery), and to determine the treatment related factors contributing to recovery in CWS and isolating factors that govern or influence persistency and remission.
	Outcome	The study revealed that majority of the children experienced relapse in stuttering. Among the 93 CWS who reported, recovery was found in 45% of CWS. While in the remaining 55% there was no recovery or the condition worsened in some. Majority of the children belonging to lower age group, age of onset within 5 years of age, female CWS, those with gradual nature of onset, chronicity less than 6 months, absence of associated problems recovered better compared to other groups although group differences were not significant. The only significant predicting factor towards recovery pattern was found to be the severity of stuttering and gender.
14.	Title	Phonological sensitivity training kit in Kannada
	Investigator(s)	Dr. K.S. Prema
	Funding Source	ARF
	Fund (in ₹ lakhs)	4.64
	Objectives	To develop phonological sensitivity training kit for children who are native speakers of Kannada language, to evaluate the efficacy of the training kit on typically developing children and children who are 'at-risk' for literacy failure, and to evaluate the effect of phonological sensitivity training on school performance.
	Outcome	Developed phonological sensitivity training material and user manual in Kannada as a part of the training kit. Prepared a

presentation and a video-recorded sample to sensitize SSA participants regarding early literacy and phonological sensitivity training. Early literacy screening tool was validated. Re-designed an emergent early literacy brochure.

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| 15. | Title

Investigator(s)

Funding Source
Fund (in ₹ lakhs)
Objectives

Outcome | <p>Reading acquisition in children learning two distinct orthographies, Malayalam and English</p> <p>Ms. Shivani T.
Mr. Gopee K.
Dr. Rajashekar. B.V
Dr. Shyamala. K.C</p> <p>ARF
3.16</p> <p>To investigate the reading acquisition in children learning to read two distinct orthographies, Malayalam and English simultaneously.</p> <p>The phonological awareness skills developed more gradually in Malayalam compared to English language, except for rhyme recognition skills. Syllable awareness developed ahead of phoneme awareness. Word and non-word reading performances were superior in Malayalam compared to English language. Reading of regular and irregular English words did not differ. Orthographic recognition was superior to recall in both languages. Orthographic recognition matured by grade III with Malayalam orthographic recognition scores superior to that of English orthographic recognition scores. In English, the lower case recognition scores were better than upper case recognition. Orthographic recall on the other hand was found to be superior in Malayalam language and dependant on the complexity of Akshara</p> |
| 16. | Title
Investigator(s)

Funding Source
Fund (in ₹ lakhs)
Objectives

Outcome | <p>Screening test for acquisition of syntax in Hindi</p> <p>Dr. S.P. Goswami
Mr. Brajesh Priyadarshi</p> <p>ARF
4.57</p> <p>To develop a module on computerized Screening Test for acquisition of Syntax in Hindi (STASH).</p> <p>The test will assist speech language pathologist to assess the syntactic age of a child and if the child is at risk of developing deficits in syntax. It can be used as a research tool to collect normative data on a larger scale and on different populations and as a guide to plan therapy and therapy materials for language delay and disordered clients.</p> |
| 17. | Title
Investigator(s)

Funding Source
Fund (in ₹ lakhs) | <p>Screening test for acquisition of syntax in Malayalam.</p> <p>Ms. Preethi T.
Dr. S.P. Goswami</p> <p>ARF
2.44</p> |

	Objectives	To develop a module on computerized Screening Test for acquisition of Syntax in Hindi (STASH).
	Outcome	The findings of the study project that language acquisition follow a developmental pattern and children develop its major morphosyntactic aspects during the preschool periods. The test serves as a precursor for a detailed syntactic assessment. It assist speech language pathologist to assess the syntactic age of a child and if the child is at risk of developing deficits in syntax.
18.	Title	Sensitizing teachers on academic problems in school children in Karnataka
	Investigator(s)	Dr. S. Venkatesan
	Funding Source	SSA
	Fund (in ₹ lakhs)	14.00
	Objectives	To sensitize teachers on academic problems in school children.
	Outcome	A dedicated team of resource persons covered various topics related to academic problems, their assessment and remediation through lectures, case history taking, group discussion, individual case presentation etc. Each 12 day program covered 40 participants every month through 15 batches completed by 2010-11. The program included a course manual in English/Kannada along with in built schemes to evaluate them, the resource persons, participants and program implementation.
19.	Title	Servicing and repairing of hearing aids: A profile.
	Investigator(s)	Dr. P. Manjula Dr. Ramadevi K.J. Ms. N. Devi Ms. KalaiSelvi
	Funding Source	ARF
	Fund (in ₹ lakhs)	3.13
	Objectives	To explore various problems encountered by the hearing aid users who have obtained the hearing aids through ADIP scheme and HADS scheme and to quantify/list the problems faced by them when their hearing aids are given for repair.
	Outcome	The study identified that the problems were in terms of various listening task such as awareness, identification, localization, understanding in favourable and adverse conditions. They also faced problems in social and emotional areas. The children faced problems while at school when their hearing aids were given for repair. Based on the results obtained, a feedback form was prepared for the hearing aid manufacturers about the complaints of their hearing aids so as to prevent and rectify the problems faced by the clients. The information obtained from the feedback form revealed the provision provided for hearing aid repair, servicing, FM compatibility, loaner/exchange of hearing aids, ear mould making, warranty, duration taken for repair, cost involved, hearing aid life span, schemes and insurance covered by the manufactures. These information may be utilized to improvise the HAD scheme and provide better service to the clients.

20.	Title	Special educators knowledge, attitude and practice on early intervention
	Investigator(s)	Ms. Prithi Nair Dr. I.P. Gowramma
	Funding Source	ARF
	Fund (in ₹ lakhs)	2.20
	Objectives	To assess the knowledge of special educators about the early intervention strategies for children with hearing impairment and to assess the attitude of special educators towards early intervention programmes for children with hearing impairment.
	Outcome	The study found that the professionally qualified teachers performed well in skill, where as non-professionally qualified teachers performed well in the knowledge and attitude. Teachers having less than 10 years of teaching experience performed well in Knowledge and skill, whereas teachers having more than 10 years of experience performed well in the area of attitude.
21.	Title	Treatment efficacy with response cost for CWS.
	Investigator(s)	Ms. Sangeetha M Dr. Y.V. Geetha
	Funding Source	ARF
	Fund (in ₹ lakhs)	4.44
	Objectives	To determine the effectiveness of response cost method and its long term effects in subgroups of children with stuttering and determine the possible client related variables influencing stuttering therapy outcome.
	Outcome	The study revealed that the withdrawal of the treatment resulted in increase in the number of the dysfluencies though not to pre therapy level. During the Reinstatement (RI) of Response cost, the findings suggested decreased stuttering which also suggested no effect of spontaneous recovery or maintenance with the withdrawal of treatment. This study suggests that effective treatment of stuttering will enable one's ability to communicate whenever, wherever, about whatever, and to whomever they want, without worry about stuttering.
22.	Title	Relapses in individuals with stuttering
	Investigator(s)	Dr. Y.V. Geetha Ms. Sangeetha M Mr. Sachin L.C.
	Funding Source	ARF
	Fund (in ₹ lakhs)	4.71
	Objectives	To identify the proportion of children and adult PWS who exhibit relapses and to identify the nature of such relapses.
	Outcome	Majority of the participants experienced a relapse in stuttering. This was true in case of both children and adults with stuttering. Pre-treatment severity and associated problems to be possible factors contributing to relapse in both children and adults with stuttering.

Ongoing Projects: Forty three research projects worth ₹ 213.67 lakhs were ongoing in different departments during

the reporting year, the details of which are given in table 9.

Table 9: Ongoing Projects

Sl. No	Topic	Investigators	Funding source	Fund in lakhs (₹)
1.	Development of speech rhythm in Kannada speaking children.	Dr. S.R.Savithri Dr. N. Sreedevi	DST	19.00
2.	Language and brain organization in normative multilingualism.	Dr. Shyamala. K.C	DST	12. 27
3.	The central alexias and agraphias in semi-syllabic orthography.	Mr. Gopee K. Ms. Shivani T. Dr. Rajashekar B Dr. Shyamala. K.C.	DST	28.00
4.	An adaptation of early reading skill (ERS) in Hindi.	Mr. Brajesh P.	ARF	3.11
5.	Audiovisual resource manual on voice disorders.	Dr. M. Pushpavathi Dr. Jayanthi R. Dr. Sundarraaj.H Mr. Gopi S. Dr. Girish K.	ARF	4.98
6.	Auditory processing in person with stuttering using non-linguistic and linguistic stimulus.	Mr.Jayakumar T Dr.Geetha Y V Dr.Vijaya kumar N	ARF	3.23
7.	Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task.	Dr. R. Manjula Dr. N. Swapna	ARF	2.57
8.	Cross-language treatment generalization in Indian bilingual people with aphasia.	Dr. Gopee K. Dr.Swathi K. Ms. Shivani T. Dr. Shyamala. K.C.	ARF	3.60
9.	Development and evaluation of center-based service delivery model for children with learning disability.	Dr. K.S.Prema Ms. Jayashree C.S	ARF	4.99

10.	Development & field testing of low cost supportive and mobility aids appliances for persons with physical disability-Phase I.	Dr. R. Manjula, Mr. Siddesh N.S. Mr. Harish Pai K. Mr. Jayakaran	ARF	2.28
11.	Development & standardization of autism behavior check list for disability estimation.	Dr. S. Venkatesan	ARF	4.85
12.	Development & standardization of noun verb picture battery in Kannada and Malayalam.	Mr. Gopee K. Ms. Shivani T. Dr. Rajashekar. B. Dr. Shyamala. K.C.	ARF	5.92
13.	Development of a key word signing manual in English for Indian context.	Dr. H. Venkatagiri Dr. R. Manjula	ARF	3.70
14.	Development of assessment batteries for bilingual Kannada-English and Malayalam-English children with specific language impairment.	Dr. Shyamala. K.C Ms. Shivani Tiwari Mr. Gopee Krishnan	ARF	5.82
15.	Development of audio-video database for communication disorders.	Mr. R. Gopi S. Dr. S.P. Goswami Ms. Preethi T.	ARF	3.23
16.	Development of norms for assessment protocol for lexical semantic deficits using componential analysis.	Mr. Brajesh P. Dr. Shyamala. K.C	ARF	3.06
17.	Developmental pattern of children with Down's syndrome: An exploratory study- Phase I.	Dr. M. Pushpavathi Ms. Preethi T.T. Dr. Venkatesh.S Mr. Siddesh Mr. Jayakaran	ARF	5.00
18.	Digital tutorial for pre-reading skill.	Dr. Swapna.N Dr. K.S. Prema Dr. Y.V Geetha	ARF	5.41
19.	Early intervention module for parents of children with cleft lip palate in Kannada & English Phase-I.	Dr. M. Pushpavathi Mr. Gopi K. Mr. R. Gopi S. Dr. H.V. Sathish	ARF	6.07
20.	Effect of palatal obturator on speech.	Dr. M. Pushpavathi Dr. N. Sreedevi Dr. Dakshayini M	ARF	4.98

21.	Effects of semantic and syntactic treatments in bilingual stroke survivors.	Dr.Rangamani Dr. K.S. Prema	ARF	4.94
22.	Efficacy of multidisciplinary preparatory services of AIISH in mainstreaming children with communication disorders.	Dr. G. Malar Dr. N. Sreedevi Mr. C.B. Suresh	ARF	3.32
23.	Genotyping and a genetic association study in autism.	Dr. Shyamala.	ARF	5.72
24.	Impact evaluation of government benefits and concession provided to with mentally retarded persons in Mysore.	Dr. G. Jayarama Dr. Kalyan K. Mr. Raju HH Dr. Purushotham.P	ARF	3.20
25.	Intervention module for the management of speech and language skills for individuals with cerebral palsy.	Dr. Swapna.N Dr. R. Manjula Dr. Y.V Geetha	ARF	5.72
26.	Language proficiency in Hindi-English bilinguals: Cross language study.	Dr. K.S Prema	ARF	4.94
27.	Lexical organization in Kannada-English & Malayalam-English bilinguals with and without aphasia.	Dr. Shyamala. K.C. Ms. Shivani T. Mr. Gopee K.	ARF	5.82
28.	Measurements of vocal doses using ambulatory phonation monitor in primary school teachers.	Mr. L. C. Sachin Mr. R. Rajasudhakar	ARF	3.23
29.	Motor control in persons with stuttering under conditions of motor stress.	Dr. R. Manjula Dr. H. Venkatagiri	ARF	6.02
30.	Neuro-physiology correlates of voice onset time in Kannada & Tamil speaking individual.	Mr. Jayakumar T Dr. Vijaya Kumar N	ARF	3.23
31.	Pattern of recovery in children with stuttering.	Dr. Y.V. Geetha Ms. Sangeetha M.	ARF	4.17
32.	Phonetic characteristics of babbling in Kannada.	Dr. N. Sreedevi	ARF	3.80
33.	Prediction of speech identification scores using speech intelligibility index.	Dr. Asha Yathiraj Dr. Manjula P Dr. Vanaja CS Mr. Heramba G	ARF	2.25

34.	Process evaluation and comparison of the modules of outreach service centre's as a factor of type of volunteers engaged in the activity.	Dr.S.R. Savithri Dr. R. Manjula Dr. H. Sudharshan	ARF	6.62
35.	Process evaluation of DHLS program conducted through actual vis-à-vis virtual mode.	Dr. S.Venkatesan, Dr.Vasantha Lakshmi Dr.Vasantha Lakshmi	ARF	3.75
36.	School readiness test in Mathematics.	Dr. Asha Yathiraj Dr. I.P. Gowramma Ms. Prithi Nair Ms. P.Vijetha Dr. G. Malar	ARF	2.20
37.	Screening test for acquisition of syntax in Telugu.	Mr. P. Gopi K. Dr. S.P. Goswami	ARF	3.01
38.	Speech characteristics in children with oral clefts pre & post surgery: A longitudinal study.	Dr.M.Pushpavathi Dr.H.V.Sathish Mr.R.Gopi S.	ARF	4.98
39.	Speech characteristics in children with oral cleft –Pre and post surgery: a longitudinal study in Malayalam.	Dr. M. Pushpavathi Dr. Sherry P. Dr. Subramni I.	ARF	4.98
40.	Speech characteristics in children with oral cleft – Pre and post surgery: A longitudinal study in Telugu.	Dr. M. Pushpavathi Dr. Srinivas G. R. Dr. Swati R.	ARF	4.98
41.	Standardization of western aphasia battery in Telugu monolinguals and Telugu-English (T-E) bilinguals.	Dr.Shyamala, K.C	ARF	3.16
42.	Treatment efficacy using response cost in children with stuttering.	Dr.Y.V.Geetha Ms.Sangeetha M	ARF	3.02
43.	Word & non-word repetition test for children in Kannada.	Dr. Swapna.N	ARF	3.06

DST: Dept. of Science & Technology, Ministry of Science & Technology, New Delhi; ARF: AIISH Research Fund

New Research Projects: Thirty five research projects worth ₹ 205.83 lakhs were initiated in different departments

during the reporting year, the details of which are given in table 10.

Table 10: New Research Projects

Sl. No.	Topic	Investigators	Funding source	Fund in lakhs (₹)
1.	Cortical auditory evoked potentials as a measure of central auditory development in children with hearing impairment.	Dr.Vijay Kumar .N Mr. Jayakumar Dr. N. Swapna	DST	28.37
2.	Development of cognitive and linguistic intervention manual: Malayalam speaking persons with dementia .	Dr. S.P. Goswami Mrs. Preethi T.T.	ICMR	12.27
3.	Development of manual for adult non-fluent and fluent aphasia therapy in- Hindi, English, Tamil, Malayalam, Telgu and Marathi.	Dr. S.P. Goswami Mrs. Preethi T.T.	DST	15.43
4.	Reading-related eye movements in semi-syllabic and alphabetic orthographies.	Mr. Gopee K. Ms. Shivani T. Dr. Rajashekar. B Dr. Shyamala. K.C	DST	46.17
5.	Altered frequency tuning of VEMP: Could it be a diagnostic tool to identify endolymphatic hydrop.	Mr. Niraj K. S. Dr. G. Rajeshwari Dr. Animesh B. Mr. Sujeet K. S.	ARF	3.21
6.	An adaptation of Early Reading Scale (ERS) in Hindi.	Dr. S.P. Goswami Mr. Brajesh P	ARF	3.21
7.	An articulatory study of Kannada consonants: Co-articulation and speech errors.	Dr. R.Manjula Dr. N. Sreedevi Mr. Alexie K.	ARF	3.15
8.	Assessment of vestibular function in individuals with auditory neuropathy.	Mr. Sujeet K. S. Dr. Rajeshwari G Dr. Animesh B. Mr. Niraj K. S.	ARF	3.06
9.	Behavioral correlates of P ₃₀₀ response to voice onset time (VOT) and place of articulation continuum in Kannada & Hindi speaking individuals.	Mr. Jayakumar Mr. Vijay Kumar N	ARF	2.94
10.	Clinical evaluation of language fundamentals- Preschool for	Ms. Sarika K. Ms. Priya M. B	ARF	3.06

Kannada-speaking English
language learners.

11.	Comparative study of phonology, syntax and morphology in Indian sign language of deaf signers in narration and discourse mode.	Dr. R. Manjula, Dr. Gaurishanker Patill Dr.L Ramamoorthy	ARF	4.34
12.	Comparison of screening protocols for the differentiation of type of hearing loss in NICU infants.	Dr. Vijayakumar N Dr. Navid S. Dr. Rafideh M. Mr. Sharath K.	ARF	3.16
13.	Comparison of CROS & BAHA in individuals with unilateral hearing loss.	Ms. Devi N Dr. Ramadevi K.J Mr. D Baba F	ARF	3.26
14.	Comparison of normal & pathological middle ears using multi-frequency tympanometry.	Dr. Sandeep M Mr.Sharath K.S Ms. Megha Dr.Sundara Raju	ARF	3.16
15.	Comparison of temporal resolution abilities & speech perception in noise in children born in families with & without musical background.	Dr. Rajalakshmi K	ARF	3.16
16.	Critical band based frequency compression & speech perception in noise in individuals with cochlear hearing loss.	Dr. Ajith Kumar .U Mr. Arivudai. N	ARF	3.26
17.	Design & development of assistive device for museum access to persons with hearing impairment.	Mr. Ajish Abraham Mr.N. Manohar	ARF	5.68
18.	Development and field trail of resource manual for oral sensori-motor function in persons with neurological lesions	Dr. R. Manjula Mrs. N. Jyothi	ARF	4.49
19.	Development and standardization of a questionnaire for early identification of psycho-social issues in children with cleft lip/palate.	Ms. Amrita K. Dr. S. Venkatesan Mr.Yashodhara K	ARF	2.20
20.	Development of a screening test for (C)APD.	Dr. Asha Yathiraj	ARF	3.21

21.	Development of phonemically balanced word lists in Kannada for adults.	Dr. Manjula P Ms. Geetha C Mr. Sharath K Mr. Jawahar A.P	ARF	3.16
22.	Development of sentence lists in Kannada for adults.	Ms. Geetha C Mr. Sharath K.	ARF	3.16
23.	Development of sentence test for speech recognition threshold in Hindi.	Ms. Chandni J. Dr. Vijayakumar. V Mr. Niraj K.S. Mr. Prawin K.	ARF	3.06
24.	Development of verbal test of attention in children-Phase 1.	Ms. Priya M. B Ms. Sangeetha M Dr. S. Venkatesan	ARF	3.11
25.	Frequency of occurrence of phonemes in Kannada.	Dr. N. Sreedevi Ms. Smitha N.	ARF	3.20
26.	Hearing conservation program attitudes of employers and employees and the need for intervention module.	Mr. Arunraj K Ms. Devi N	ARF	3.26
27.	Intervention module for the management of speech and language skills for individuals with cerebral palsy.	Dr. N. Swapna Dr. R. Manjula Dr. Y. V. Geetha	ARF	5.72
28.	Investigations of speech rhythm in stuttering individuals.	Dr. Santosh M Ms. Sahana V	ARF	2.94
29.	Neuro-physiological mechanisms of speech perception in noise.	Dr. Sandeep M Dr. Ajith Kumar U	ARF	3.26
30.	Noise reduction algorithms and speech perception in cochlear implant user.	Dr. Asha Yathiraj	ARF	3.21
31.	Periodicity coding and perception of speech in noise in individuals with symmetrical and asymmetrical cochlear hearing loss.	Dr. Rajalakshmi K	ARF	3.26
32.	Process evaluation and comparison of the modules of outreach service centers as a factor of type of volunteers engaged in the activity.	Dr. R Manjula Ms. E. Pragathi Mr. Niranjan D.	ARF	6.62
33.	Quantification of the effects of noise on speech recognition.	Dr. Manjula P Ms. Megha	ARF	2.96

	Screening and diagnostic test materials and intervention manuals for communication disorders.	Dr. S.P. Goswami Ms. Priya M. B.	ARF	2.00
34.	Sub typing dyslexia: application of ERP measures.	Dr. Jayashree C.S Ms. Mamatha N.M Mr. R. Gopi S.	ARF	5.77
35.	Voice characteristics of partial laryngectomy.	Mr. Sachin. L. C Mr. Rajasudhakar	ARF	3.18

DST: Dept. of Science & Technology; ICMR : Indian Council of Medical Research; ARF: AIISH Research Fund.

II. Doctoral Research

Totally seven students completed their doctoral research works during the reporting year and among them two were awarded the degree and the

remaining were under evaluation. Also, one student completed her postdoctoral work. The details are given in table 11.

Table 11 : Completed Doctoral/Postdoctoral Research

Sl. No	Candidate	Topic	Guide	Status
1.	Deepa M.S	Discourse in bilingual individuals with dementia & aphasia.	Dr. K.C. Shyamala	Submitted
2.	Jayakumar T	Voice characteristics in monozygotic twins.	Dr. S.R. Savithri	Submitted
3.	Jayashree S.	Acquisition of biliteracy in children.	Dr. K.S. Prema	Awarded
4.	K. Yeshoda	Spectral & temporal parameters in speaker identification.	Dr. M. Jayaram	Submitted
5.	Mahalakshmi P	Spoken language lexical corpora in Kannada.*	Dr. K.S. Prema	Submitted
6.	Prawin Kumar	Computer-assisted listening training program.	Dr. Asha Yathiraj	Submitted
7.	Sarika Khurana	Emergent literacy in Kannada speaking English learners.	Dr. K.S. Prema	Submitted
8.	Shilpashri H.N	Pragmatic skills in autism spectrum disorders.	Dr. K.C. Shyamala	Awarded

*Postdoctoral research

In addition, 50 students were pursuing their doctoral research in different departments of the institute during the

reporting year. The details are given in table 12.

Table 12: Ongoing Doctoral Research

S.N	Candidate	Topic	Guide
1	Abhishek	Lexical-semantic processing in persons with bilingual aphasia.	Dr. K.S.Prema
2	Anjana. B. R	Disfluencies in 1-6 year old Kannada speaking children.	Dr. S.R. Savithri
3	Archana G.	International classification of functioning, health and disability (ICF) core set: assessment of activity and participation of persons with aphasia.	Dr. S.P. Goswami
4	Chandni J	Factors affecting psychophysical abilities across different age group.	Dr. Ajith Kumar U
5	Devi N	Auditory evoked potential correlation of speech and music.	Dr. Ajith Kumar U
6	Ganapathy	Effect of age and noise on acoustic change complex.	Dr. Manjula P
7	Geetha C	Compression parameters in hearing aids .	Dr. Manjula P
8	Gnanavel.K.	Speech characteristics in velopharyngeal dysfunctions.	Dr. M.Pushpavathi
9	Gopi K.P.	Eclectic voice program in the hyperfunctional voice disorders.	Dr. M.Pushpavathi
10	Gopi Sankar	Acoustic & perceptual parameters in cleft palate speech.	Dr. M.Pushpavathi
11	Hema. N	Discourse analysis in bilingual aphasic & non aphasic TBI.	Dr. K.C. Shyamala
12	Hemanth N.	Amplification on objective measure at brainstem.	Dr. Manjula P
13	Jijo P.M.	Enhancement of amplitude & durational cues.	Dr. Asha Yathiraj
14	Jithin Raj B	Differentiation of auditory neuropathy spectrum disorder (ANSD) in to pre synaptic and post synaptic ANSD.	Dr. Sandeep M
15	Kuppuraj	Procedural memory deficits & specific language impairment.	Dr. K.S. Prema

16	Mahesh BVM	Speech Motor Indices in Bililinguals who Stutter.	Dr. R. Manjula
17	Maria G.T	Expressive morphology in Malayalam speaking children.	Dr. K.C. Shyamala
18	Megha	Perceptual, cognitive and neurophysiological bases of hearing aid acclimatization'.	Dr. Sandeep M
19	Mili M.M	Gesture and speech in typically developing infants.	Dr. R. Manjula
20	Mithila P	Effects of social cognitive demand on theory of mind in adults with traumatic brain injury.	Dr. S.P. Goswami
21	Namrata Pai	Language assessment in toddlers and late talkers/SLI.	Dr. K.C. Shyamala
22	Navya	Correlation of subjective and objective measures of speech in children with repaired cleft lip and palate.	Dr. M.Pushpavathi
23	Niraj K. S.	The frequency tuning of ocular vestibular evoked myogenic potentials in normals, meniere's disease, benign paroxysmal positional vertigo and auditory neuropathy spectrum disorders .	Dr. Animesh B
24	Perumal	Speech sound acquisition & phonological process.	Dr. N. Sreedevi
25	Prarthana	Mental lexicon of nouns and verbs in adult speakers of Kannada.	Dr. K.S. Prema
26	Pravesh A.	Relapse management in adult PWS.	Dr. Y.V. Geetha
27	Preethi T	Content and processes of semantic memory.	Dr. S.P. Goswami
28	Priya M.B	Test battery for phonological representations in children.	Dr. R.Manjula
29	Priyanka V	Quality of life of children with cochlear implants.	Dr. Rajalakshmi K
30	Radhakrishnan	Computerized auditory visual integration training.	Dr. S.P. Goswami
31	Rajasudhakar R	Voicing periods in primary school teachers.	Dr. S.R. Savithri
32	Ramya V	Auditory processing in older adults: Perceptual problems and management.	Dr. Asha Yathiraj
33	Reeny R.	Emergent complexity of early vocalization.	Dr. N. Sreedevi

34	Reuben Jebaraj	Effect of aging on brainstem processing of speech sounds: an electrophysiologic study.	Dr. P. Manjula
35	Reuben M.P.	Hearing aid fitting strategies on speech recognition.	Dr. Manjula P
36	Roshni P.	Auditory, visual and auditory-visual processing.	Dr. Asha Yathiraj
37	Sahana M.	Speech characteristics in preschool children with repaired cleft lip and palate (CLP): a study of outcome measures of veau-wardil-kilner platoplasty with muscle reconstruction.	Dr. M.Pushpavathi
38	Sampath K L	Semantic Judgment in Monolingual and Bilingual Persons with Broca's Aphasia: An ERP Study.	Dr. S.P. Goswami
39	Sangeetha M	Linguistic variability in children with stuttering.	Dr. Y.V.Geetha
40	Santosh K.	Comprehension test in Hindi language for persons with aphasia.	Dr. S.P. Goswami
41	Savitha	Speech & language development in children with cleft lip & palate.	Dr. N. Sreedevi
42	Sharath K.	Noise reduction algorithms in hearing aids.	Dr. Manjula P
43	Shylaja K.	Symbolic communication in aided AAC users.	Dr. R. Manjula
44	Sreeraj K	Audiological management options for individuals with normal hearing having tinnitus - based on Audiological profile.	Dr. Manjula P
45	Sujeet K. S.	Brainstem encoding of speech sounds.	Dr. Animesh B.
46	Sunil K.R	Brain potentials study of language processing.	Dr. K.C. Shyamala
47	Sunitha S.N	Intervention in autism spectrum disorders.	Dr. K.C. Shyamala
48	Usha Shastri	Perceptual learning of non-native speech contrast .	Dr. Ajith K.U
49	Yashaswini R.	Dynamic assessment of non symbolic abilities in aided AAC users.	Dr. R. Manjula
50	Yashomathi	Sign Language.	Dr. R. Manjula

III. Postgraduate Research

The postgraduate students of the institute carry out research works as a part of their course. The details of completed postgraduate research works done as a part of M.Sc.Audiology, M.Sc. Speech - Language Pathology, M.S.Ed

and P.G. Diploma programs are given in table 13 and the ongoing postgraduate research works as a part of M.Sc. Audiology and M.Sc. Speech - Language Pathology are given in table 14.

Table 13: Completed Postgraduate Research

S.N.	Candidate	Topic	Guide
1.	Abhishek K.S	Normative of tone burst ABR for site of lesion testing.	Dr. Sandeep M
2.	Achaiah MA	Comparison between outcomes using preferred gain and prescribed gain formulae in experienced adult hearing aid users.	Dr. Vijay Kumar Narne
3.	Adithya, K.K	Quality of life of individuals with right hemisphere damage relevance to cognitive communication disorders.	Dr. Jayashree C.S
4.	Akash Juneja	Acoustic change complex in children: 7-15 years of age.	Dr. Devi N
5.	Akshay R M	Effect of temporal pattern training on specific central auditory processes.	Dr. Asha Yathiraj
6.	Anisha A.B	Immittance findings in infants using different probe tone frequencies.	Dr. Mamatha N.M
7.	Anjana B.J	Utility of nonlinear frequency compression in children with severe to profound hearing loss.	Dr. Geetha C
8.	Anoop B.J	Test-retest reliability of vestibular evoked myogenic potentials parameters.	Mr. Niraj Kumar Singh
9.	Anoop, O.T	Effect of musical training on temporal resolution abilities and speech perception in noise.	Dr. Rajalakshmi K
10.	Ashwini Rao, P.N	Electrically evoked stapedia reflex threshold levels.	Dr. Asha Yathiraj
11.	Astha Khanna	Language assessment remediation and screening procedure in Hindi (LARSP)	Mr. Brajesh Priyadarshi
12.	Bhamini Sharma	Relationship between dpoae fine-structure and hearing sensitivity.	Mr. Sujeet Kumar Sinha

13.	Bharath Bhushan, K.R	Physiological correlates of masking level difference.	Dr. Animesh Barman
14.	Chaitra, V	Effect of filtering and compression on right ear advantage.	Mr Niraj Kumar Singh
15.	Deepthi, M.K	Voice characteristics in male to female transsexual individuals.	Ms. Yeshoda K
16.	Dhatri S. Devaraju	Developmental changes in co-modulation masking release for pure tones.	Ms. Mamatha N.M
17.	Devaraj, N. B.	Comparison of aural-oral and graphical-oral methods in promoting speech and language skills.	Dr. G. Malar
18.	Divyashree, M.S	Central auditory maturation and language development in children with hearing loss.	Ms. Mamatha N.M
19.	Gargi Singh	A study of non-manual markers in indian sign language.	Dr. Manjula R
20.	Ghazala Perween	Usefulness of auditory brainstem response to identify retrocochlear pathology - a tutorial.	Dr. Animesh Barman
21.	Hanan, M.N.T	Effect of context on brainstem encoding of speech.	Dr. Sandeep M
22.	Hema Latha, P	Development of articulation drill book for cleft palate population.	Dr. Pushpavathi M
23.	Jyoti	Effect of number of channels of hearing aids on speech perception in different degrees of sloping hearing loss cases.	Mr. Niraj Kumar Singh
24.	K. Suresh	Comparison of stacked tone ABR with chirp ABR in normal hearing listeners.	Dr. Vijayakumar Narne
25.	Kanthima V. N	Bedside screening test for aphasics in Malayalam	Dr. S P Goswami
26.	Kavitha, J	Novel word learning in monolinguals versus simultaneous and sequential bilinguals.	Dr. Prema K.S
27.	Keerthi Prasad, B.M	Development of articulation drill book for cleft palate population in kannada.	Dr. Pushpavathi M
28.	Kruthi H.R.	Manual for treatment of reading, writing and arithmetics on adults with a\aphasia - Kannada (MTR3A2 - K)	Dr. S P Goswami
29.	Lakshmi Prasanna, P	Benchmark for nasal continuants in telugu for speaker identification.	Dr. Savithri S.R
30.	Lydia Mary Issac	A resource manual for learning disability (LD) with CAPD.	Dr. Jayshree C.S

31.	Madhu, K	Communication inventory for infants (CII) 6 - 12 months.	Dr. Prema K.S
32.	Madhuban Sen	Language abilities in bilingual children with autism (CWA).	Dr. Geetha Y.V
33.	Merlin Thankam Thomas	Adaptation of TROLL to identify children at risk for LD.	Dr. Jayshree C.S
34.	Midula Kasim	Performance of children for swallowing sound using cervical auscultation module in digital swallowing workstation.	Dr. Manjula R
35.	Mohammed Ameen	Effect of music on neural plasticity of efferent auditory system.	Dr. Sandeep M
36.	Mohammed Shamin	Comparison of tone ABR and ASSR - a meta analysis.	Dr. Vijayakumar Narne
37.	Mukesh Kumar	Dichotic WORD (CVC) test for native hindi speaking.	Ms. Chandni Jain
38.	Natasha Rahman	Implication of IPA in the field of speech & hearing	Dr. SP Goswami
39.	Navdeep Kanwer	Development of hearing aid benefit questionnaire for adults.	Ms. Devi N
40.	Nayana, L.R	Noun and verb processing in bilingual malayalam - english individuals with aphasia.	Dr. Shyamala K.C
41.	Neelanjana, M.K	Comparison of dysphonia severity index (DSI) and consensus auditory perceptual evaluation of voice (CAPE-V) in individuals with voice disorders for indian population.	Mr. Jayakumar T
42.	Neenu Sobhan	Revalidation of malayalam diagnostic articulation test (3-4 Years).	Dr. Sreedevi N
43.	Neha Lakshmish	A digital literacy coach to promote oral language and early literacy (for SLPs, teachers and caregivers).	Dr. Prema K.S
44.	Nike Gnanateja, G	Relation between consonant perception and psychoacoustic measures in individuals with auditory dys-synchrony.	Dr. Animesh Barman
45.	Nimisha, S	Temporal processing in listeners with unilateral deafness.	Dr. Vijay Kumar Narne
46.	Nirmal Sugathan	Nasal consonant and vowel production in individuals with broca's aphasia: an acoustic study.	Mr. Rajasudhakar R

47.	Padma Tharani, K.S	Performance of typically developing children between 4-5 years on two-tongue array module using digital swallowing workstation.	Dr. Manjula R
48.	Pallavi	Correlation of cochlear hydrops analysis masking procedure and electrocochleography in menieres disease.	Mr. Prawin Kumar
49.	Pavan, M	Perception of spectral ripples and amplitude compressed speech by individuals with cochlear hearing loss.	Dr. Rajalakshmi K
50.	Prabhash Kumar	Effect of hearing aid processed speech on brainstem responses.	Dr. Sandeep M
51.	Pragati Rao, M.V	Hearing aid usage: relationship between plasticity and audiological measures.	Dr. Manjula P
52.	Prajna Nayak	Effect of number of channels and compression parameters in hearing aids on music perception.	Dr. Manjula P
53.	Praveen, H.R	Optimization and evaluation of a hearing aid in the ear contralateral to that with cochlear implant.	Dr. Manjula P
54.	Prerna, A.C	Development of normative for stacked auditory brainstem response using derived-band technique.	Dr. Sandeep M
55.	Priyanjali Harit	Vocal emotion recognition in group of individuals with normal hearing, sensorineural hearing loss and auditory dys-synchrony.	Dr. Devi N
56.	Priyanka Parakh	Autism spectrum disorders: some epidemiological issues.	Dr. Geetha Y.V
57.	Priyanka Shailat	Linguistic processing in bilinguals with mental retardation (with and without down syndrome).	Dr. Shyamala K.C
58.	Ramya H. Y.	Bedside screening test for aphasics - Kannada	Dr. S.P. Goswami
59.	Ramya, R	Effect of post vocalic consonants on vowel duration in malayalam.	Dr. Savithri S.R
60.	Ranjeet Ranjan	Effect of stimulus rate on subcortical auditory processing in children.	Dr. Animesh Barman
61.	Ranjini, G.C	Rapid automatized naming - kannada (RAN-K) in 6-8 years old typically developing children.	Mr. Rajasudhakar R
62.	Renjini Annie M	Language assessment remediation and screening procedure (LARSP) in Malayalam	Dr. K. C. Shyamala

63.	Sangeetha, G	Effect of consonants on vowel duration in tamil.	Dr. Savithri S.R
64.	Sangeetha, G.S	Cognitive linguistic abilities in simultaneous vs. sequential bilingual children.	Dr. Swapna N
65.	Saryu Sharma	LARSP: a comparative study in Hindi and English	Mr. Brajesh Priyadarshi
66.	Sharanya, R	Effect of hearing impairment and noise on the processing of simultaneous sentences.	Dr. Rajalakshmi K
67.	Sharanaiah, M. M.	Development of Grade Level Assessment Tool for Grade V Kannada Language (GLAT-K) for Children with Hearing Impairment	Prithi G. Nair
68.	Sheela, S	Symbolic play and language: its relationship in children with mental retardation.	Dr. Swapna N
69.	Shruti D. Gulvadi	Role of auditory working memory in prescribing hearing aid gain and type of compression in geriatrics.	Ms. Geetha C
70.	Simmi Prakash	LARSP-English for language disorders.	Dr. K. C. Shyamala
71.	Sindhu V	Satisfaction of parents of CWHI on services.	Dr. Geetha Y.V
72.	Sindhushree, H.S	Emotion perception in cochlear implant users, hearing aid users and normal hearing children.	Dr. Asha Yathiraj
73.	Sneha George	Narrative abilities of individuals with down syndrome.	Dr. Swapna N
74.	Sonitha Kumar	Binaural interaction component of auditory brainstem responses in children using click and speech stimuli.	Mr. Sujeet Kumar Sinha
75.	Sony G.M	Immittance evaluation in children : a review of literature.	Dr. Manjula P
76.	Sowmya G.P	Phonetic influences in bilingual children with stuttering	Ms. Sangeetha M
77.	Srikar, V	Cortical auditory evoked responses to complex speech stimuli in auditory neuropathy spectrum disorders.	Dr. Vijay Kumar Narne
78.	Subramanya, K. R.	Development of Grade Level Assessment Test for Standard V Science	Dr. G. Malar
79.	Supreeta Vatsya	Pidgins and creoles: a review	Dr. S P Goswami
80.	Suchi Soni	Usefulness of immittance audiometry to identify retrocochlear pathology- a tutorial.	Dr. Animesh Barman
81.	Suma Chatni	Acoustic change complex in native speakers of tonal and non-tonal languages.	Dr. Sandeep M

82.	Swapnaja Mantesh	Perception and production of emotive intonation in children with learning disability with and without central auditory processing disorder.	Dr. Geetha Y.V
83.	Swathi, V.M	Effect of dance training on vestibular evoked myogenic potentials.	Mr. Sujeet Kumar Sinha
84.	Tanvi, G.N	Management of tinnitus: a comparative study.	Ms. Geetha C
85.	Varun Uthappa, A.G	Implicit linguistic processing in bilingual children with learning disability.	Dr. Shyamala K.C
86.	Vipina, V.P	Revalidation of malayalam diagnostic articulation test (4-5 Years).	Dr. Sreedevi N
87.	Vivek, S	Comparisons between outcomes using preferred gain and prescribed gain formulae in children using hearing aids.	Dr. Vijay Kumar Narne
88.	Vrinda, R	Revalidation of malayalam diagnostic articulation test (5-6 Years).	Dr. Sreedevi N
89.	Wishly Mammen Paloor	Development of articulation drill book for cleft palate population in malayalam.	Dr. Pushpavathi M

Table 14: Ongoing Postgraduate Research

S.N.	Candidate	Topic	Guide
1.	Akshay	Effects of logographic and phonological skills on reading in typically developing children.	Dr. K. C. Shyamala
2.	Alphonsa	Phonetic repertoire and syllable shapes in typically Malayalam speaking children.	Dr. N. Sreedevi
3.	Amoolya	Sentence comprehension and processing in children with learning disability.	Dr. Jayashree Shanbal
4.	Anusha A.	Cognitive ctrl in bilingual & multilingual children.	Dr. K. C. Shyamala
5.	Aparna T.H	Audio-visual interaction in P ₃₀₀ .	Dr. Sandeep M
6.	Apoorva H.M	Lexical neighborhood test (LNT).	Dr. Asha Yathiraj
7.	Arpitha V	Effects of compression release time in hearing aid on acoustic and behavioral measures of speech.	Dr. P. Manjula
8.	Arsha M.S.	Relation between syntactic awareness & reading ability in Malayalam speaking children.	Dr. K. S. Prema
9.	Arya Chand	A comparative study of rhythm perception in Carnatic musicians and Bharatanatyam dancers.	Dr. K. Rajalakshmi

10.	Arya G	A pre-post surgical comparison of acoustic, aerodynamic and perceptual analysis of voice in patient with Vocal Fold polyp.	Mr. Rajasudhakar
11.	Barkha	Development of pressure consonant articulation drill material in Hindi language.	Dr. M.Pushpavathi
12.	Chandan H.S	Comparison between preferred gain and prescribed gain at different input levels.	Dr. Vijayakumar Narne
13.	Chandni Malik	Effect of age on spectral distribution of click and tone-burst evoked otoacoustic emissions in infants.	Ms. N.M.Mamatha
14.	Deepashree S.R	Influence of auditory closure and working memory on audio-visual perception of speech.	Dr. Sandeep M
15.	Deepika Verma	Auditory plasticity in musicians.	Dr. K. Rajalakshmi
16.	Deepthi D	Influence of Malayalam Language (L1) on English (L2) vowel production.	Dr.S.R.Savithri
17.	Deepthi M	Companding to improve speech recognition in noise in individuals with cochlear hearing loss.	Dr. Vijayakumar Narne
18.	Dhanalakshmi G	Effect of personal music systems on hearing.	Dr. Ajithkumar U
19.	Divya Vishu	Action potential latency in electrocochleography could be a hallmark of endolymphatic hydrops.	Mr. Niraj Kumar Singh
20.	Erfana	Phonetic repertoire and syllable shapes in typically developing Malayalam speaking children 1-1.6 years.	Dr. N. Sreedevi
21.	Garvita	Stimulus rate and subcortical auditory processing of speech in middle aged individuals.	Mr. Sujeet Kumar Sinha
22.	Giten Eliza G	Effect of hearing aid channels on acoustic change complex.	Mr. Sreeraj K
23.	Greeshma R.	Cross-linguistic conceptual combination in Kannada-English bilingual children.	Dr.K.S.Prema
24.	Hemaraja NS.	Vocal fatigue and recovery pattern in adults following an induced vocal loading.	Mr. Rajasudhakar
25.	Jagannadam P	A comparison of voice characteristics in congenitally visually impaired and normal sighted primary school teachers.	Ms.K. Yeshoda
26.	Jaslin Thomas	Cognitive ctrl in children with learning disability.	Dr. K. C.Shyamala
27.	Jasmine A. R.	Development of tone-burst ABR in infants.	Ms. N.M. Mamatha
28.	Jobish T.J	Aided acoustic change complex in cochlear	Mr. Sreeraj K

		hearing loss.	
29.	Jonathan L	Mizo high frequency-speech identification test (MHF-SIT).	Ms. Chandni Jain
30.	Karem Prathibha	Prevalence of voice problems in 3-5 years pre-school children in Yammiganur (AP).	Ms.K. Yeshoda
31.	Kruthika S	An evaluation of acoustic and perceptual effects of feedback management in hearing aids.	Dr. P. Manjula
32.	Laxme J	Effect of reverberation on acceptable noise level in individuals with normal hearing and hearing impairment.	Ms. N. Devi
33.	Louisa	Cognitive-Linguistic and executive functions in abstinent alcoholics.	Dr.Jayashree C.S
34.	Mahima Gupta	Effect of music exposure on online subcortical plasticity.	Dr. Sandeep M
35.	Margaret H	Development of high frequency speech identification test in Manipuri language.	Ms. Geetha C
36.	Merry ER	Effect of spectrally and temporally modulated maskers on speech perception in listeners with normal hearing, cochlear hearing loss and auditory dys-synchrony.	Dr. Animesh Barman
37.	Monalisa Jati	Development of bedside screening test in odiya	Dr. SP Goswami
38.	Mythri H.M	Age related changes in auditory memory and sequence in younger and older adults.	Dr. Asha Yathiraj
39.	Navnit Kumar	CLAP for adults in Hindi: An adaptation of CLAP (Kannada).	Brajesh Priyadarshi
40.	Nimisha Raj M	Contributing factors to listner effort in hypokinetic dysarthria	Dr. M. Santosh
41.	Nitha	Normative data of nasalence in Hindi language.	Dr. M.Pushpavathi
42.	Prasanna Hegde	Coding gestures: Complementary tool in linguistic assessment of persons with aphasia.	Dr.K.S.Prema
43.	Preeti Sahu	Developmental changes of auditory visual integration.	Ms. Geetha C
44.	Priyanka	Disfluency clusters in adults with stuttering-an exploratory study.	Dr. Swapna.N
45.	Raheela Qudsiya	Processing speed on metalinguistic and non-linguistic cognitive tasks in bilinguals and multilinguals.	Dr. Swapna.N
46.	Ratul Dey	Efficacy of a hearing checklist and screening test	Dr. Asha Yathiraj

		in identifying hearing problems in children.	
47.	Reuben T V	A comparative study of laughter acoustics in college students with and without hearing impairment.	Dr. S.R. Savithri
48.	Rhea Mariam K	Assessment protocol for oral motor, oral praxis and verbal praxis skills in Malayalam speaking children with childhood apraxia of speech and suspected apraxia of speech.	Dr. R. Manjula
49.	Rishi Pal	Awareness and attitude of parent towards autism.	Dr. Y.V. Geetha
50.	Rishitha U H	Relationship between auditory temporal processing and working memory.	Dr. Ajith Kumar U
51.	Rohit Kumar G	LLR and Dichotic speech scores in children with learning disability.	Mr. Prawin Kumar
52.	S. Santhi	Comparison of voice characteristics in children with congenital visual impairment and normal sighted children.	Ms. K. Yeshoda
53.	Sahana P	The effect of digital noise reduction (DNR) in hearing aids on ALLR, speech recognition ability and quality.	Dr. Manjula P
54.	Sara Paul	Adaptation of 'Test of aided communication symbol performance' in Kannada language.	Dr. R. Manjula
55.	Saranya. V	Test for Metasemantic Awareness in Kannada (TMA-K).	Dr. Swapna. N
56.	Saravanan P	Assessment of different vestibular pathways in individuals with dizziness.	Mr. Sujeet Kumar Sinha
57.	Satbir Singh	Electrophysiological and behavioral assessment of temporal processing abilities in children with dyslexia.	Mr. Prawin Kumar
58.	Seby MM	Effect of spectral bandwidth and spectral integration on speech perception in listeners with normal hearing cochlear hearing loss and auditory dys-synchrony.	Dr. Animesh Barman
59.	Shabnam Rafi	Prevalence and risk factors of voice disorders in mothers of children with hearing impairment and mothers of typically developing children.	Dr. M. Santosh
60.	Shachi	Perception of spectrally enhanced speech through companding process in individual with auditory neuropathy.	Dr. Animesh Barman

61.	Shailaja Shukla	Comparison of "Swallow sound" as a factor of different recording sites using cervical auscultation procedure.	Dr. R. Manjula
62.	Sindhusha	Phonemic verbal fluency in children with dyslexia.	Dr. Jayashree C.S
63.	Sneha	Acquisition of clusters in typically developing Telugu speaking children – 4-6 years.	Dr. N. Sreedevi
64.	Sneha Bansal	Subcortical encoding of tonal pitch counters in native speaker and musically trained non-native speakers.	Dr. Vijayakumar Narne
65.	Spoorthi T	Acoustic change complex: Objective measure of speech in noise perception.	Ms. Devi N
66.	Sushma	Effects of inter-stimulus-interval and prime modality on a semantic priming task.	Mr. Rajasudhakar
67.	Swathi E	Communicative spontaneity: A comparison between children with developmental and post seizure regressive autism.	Dr. Y.V. Geetha
68.	Sweta U	Investigating Reaction Time and speech errors in the production of nonwords and tongue twisters in Bilingual Adults with stuttering.	Dr. Y.V. Geetha
69.	Vinsha K	Comparison of performance with BAHA and binaural hearing aids.	Ms. Devi N
70.	Vipin G.P.G	Vestibular evoked myogenic potential.	Mr. Sujeet Kumar Sinha
71.	Zubin V	Speech perception in noise musicians vs non-musicians.	Dr. K Rajalakshmi

IV. Research Paper Presentations/Publications

Papers Presented at International Conferences

1. Arya, P. & Geetha, Y.V. (2011). *Factors contributing to recovery and relapse in persons with stuttering following treatment.* Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
2. Arya, P. & Geetha, Y.V. (2011). *Speech characteristics of recovered and relapsed persons with stuttering following treatment.* Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
3. Geetha, Y.V., Sangeetha, M., Aishwarya, A. & Priyanka, B. (2011). *Recovery in children with stuttering.* Paper presented at the 9th Oxford Dysfluency Conference,

- St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
4. Geetha, Y.V., Jayaram, M. & Sangeetha, M. (2011). *Variables related to efficacy in the management of stuttering*. Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
 5. Geetha, Y.V., Sangeetha, M. & Nisha, S. (2011). *Relapse following therapy in adult PWS*. Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
 6. Majumdar, M. & Santosh, M. (2011). *Efficacy of prolonged speech therapy in bilingual individuals who stutter: Is there a generalization to untreated to language*. Poster paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
 7. Priyashri, S., Jasmine, M. & Geetha, Y.V. (2011). *Review of neuro-imaging studies and their clinical implications on stuttering*. Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
 8. Sangeetha, M., Geetha, Y.V., Bhuvaneshwari, N. & Arya, P. (2011). *Evidence based treatment in children with stuttering using response cost*. Paper presented at the 9th Oxford Dysfluency Conference, St. Catherine's College, Oxford University, Oxford, UK, 1-4 September 2011.
 9. Sapna, N., Shyamala, K.C. & Demuth, K. (2011). *Novel word learning in Bi/Trilinguals: A cross linguistic study*. Paper presented at the 1st Annual Centre for Cognition and its Disorders Workshop, Macquarie University, Sydney, Australia on 23-24 November, 2011.
 10. Greeshma, R., & Prema, K.S. (2011). *Conceptual combinations-Interpretation by Kannada-English bilingual children*. Paper presented at the Language, Literacy and Cognition: An International Symposium on Current Issues for a Science in Education, The Promise Foundation, Bangalore, 15-17 December 2011.
 11. Kavitha, J. & Prema, K.S. (2011). *Novel word learning in monolinguals versus simultaneous and sequential bilinguals*. Paper presented at the Language, Literacy and Cognition: An International Symposium on Current Issues for a Science in Education, The Promise Foundation, Bangalore, 15-17 December 2011.
 12. Prema, K.S. (2011). *Are the precursors to literacy governed by the script structure?* Paper presented at the Language, Literacy and Cognition: An International Symposium on Current Issues for a

- Science in Education, The Promise Foundation, Bangalore, 15-17 December 2011.
13. Arya, P., & Geetha, Y. V. (2012). *Recovery and relapse in persons with stuttering following treatment: A comparison*. Paper presented at the Frontiers of Research on Speech and Music (FRSM), Gurgaon, India, 18-19 January 2012.
 14. Arya, G., Rajasudhakar, R. & Sundara Raju, H. (2012). *A comparison of acoustic and aerodynamic parameters in patients with unilateral versus bilateral vocal fold polyp*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 15. Deepika, V., Zubin, V., Arya, P. & Rajalakshmi, K. (2012). *Brainstem correlates of speech in noise perception, in musicians and non-musicians*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 16. Girish, K. S., & Rajasudhakar, R. (2012). *Voice range profile in different levels of carnatic singers*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 17. Gnanavel, K., Sahana, M., Gopi, S.R. & Pushpavathi, M. (2012). *Influence of vowels on consonants in nasalance values of individuals with submucous cleft palate*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 18. Gopi, K., P., Wishly, M., Jithin, J., & Pushpavathi M. (2012). *Laryngeal aerodynamic analysis in Adult Indian population*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 19. Gopi, S.R. & Pushpavathi, M. (2012). *An acoustic study of sibilant /s/ in individual with cleft lip and palate*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 20. Hemaraja, N.S. & Rajasudhakar, R. (2012). *Effects of prolonged loud reading and vocal recovery on selected measures of acoustic and aerodynamic parameters*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.

21. Jayakumar, T., Geetha, Y.V., Vijayakumar, N. & Lincy, M.V. (2012). *Auditory processing in stuttering: Using complex non-linguistic stimulus*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
22. Merlin, T., Pankaja, K.R. & Jayakumar, T. (2012). *Effect of fundamental and formant frequency on listener's judgment of speaker size, masculinity and attractiveness in Indian context*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
23. Rajasudhakar, R., Sachin, L.C., & Pramoda, K. (2012). *Comparison of vocal dose parameters in different professional voice user on a workday*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
24. Reuben, T.V. & Savithri, S. R. (2012). *Formant frequencies of laughter in children with and without hearing impairment*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
25. Sahana, M., Gnanavel, K., Gopi, S.R. & Pushpavathi, M. (2012). *Nasalance measures in individuals with submucous cleft palate: pre & post operative Comparison*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
26. Sangeetha, G. & Savithri, S. R. (2012). *Acoustic correlates of emphasis in Tamil*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
27. Sangeetha, G. & Savithri, S.R. (2012). *Intonation patterns in Manipuri Kannada bilinguals*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
28. Savithri, S.R., Sreedevi, N., Deepa, A., Aparna, V.S. & Shylaja, K. (2012). *Speech rhythm in Kannada speaking children 4-5 years*. Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
29. Shylaja, K., Amulya, P. R., & Swapna, N. (2012). *Nonword repetition in*

- children with specific learning disability.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
30. Supritha, A., Swathi, S. & Rajasudhakar, R. (2011). *Effect of different levels of training on singing power ratio and singer's formant in classical carnatic singers.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
 31. Usha, R.K., Swathi, R. & Pushpavathi, M. (2011). *Nasalance measures across speech tasks in Telugu.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.
- Papers Presented at National Conferences**
1. Madhuban, S., & Geetha, Y.V.(2011). *Language abilities in bilingual children with autism.* Paper presented at the National Conference on Autism, ICCONS, Shoranur, Kerala, 2-3 April 2011.
 2. Pushpavathi, M., Navya, A., Sreedevi, N. & Dakshayani.(2011). *Influence of palatal obturation on acoustic measures of speech: A case study.* Paper presented at the 4th National Women's Science Congress, M. S. Ramaih Institute of Technology, Bangalore on 7-9 November, 2011.
 3. Abhishek, B. P., & Prema, K. S. (2012). *Automatic Vs. volitional mechanisms of lexical retrieval in persons with Aphasia.* Paper presented at the 44th Indian Speech and Hearing Association conference (ISHACON). Hyderabad, 20-22nd January 2012.
 4. Akash Juneja, Ajith, K., & Santosh, M. (2012). *Effect of working memory load on acoustic change complex in persons who stutter.* Paper presented at the 44th Indian Speech and Hearing Association conference (ISHACON). Hyderabad, 20-22 January 2012.
 5. Anjali, V. B., Madhuri, S. & Ajith, K.U. (2012). *Test-retest-reliability of contralateral suppression of TEOAEs.* Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
 6. Dhatri, S.D.& Mamatha, N. M. (2012). *Developmental changes in co-modulation masking release for puretone: A cross sectional study.* Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad Hyderabad, 20-22 January 2012.

7. Geetha, Y. V., Sangeetha, M., Nisha, S., & Sahana, V.(2012). *Relapse pattern in children with stuttering*. Paper presented at the 44th Indian Speech and Hearing Association conference (ISHACON). Hyderabad, 20-22 January 2012.
8. Gnanateja, G.N., Ranjeet, R. & Sandeep, M. (2012). *Physiological bases of the encoding of speech evoked frequency following responses*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
9. Garvita, & Niraj, K.S. (2012). *Stimulus rate and subcortical auditory processing in children with learning disability*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
10. Goswami, S.P. (2012). *Regression as a sign of linguistic progress in typically developing children*. Poster paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
11. Himanshu, K.S., Vaishnavi, B., & Sujeet, K.S. (2012). *A comparative study of cVEMP and oVEMP between dancer and non-dancer*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
12. Husna, F.G., Nike, D., Sandeep, M., & Sujeet, K.S.(2012). *Context dependent encoding of speech evoked brainstem responses*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
13. Jithin, P.J, Swathi, C.S. & Sandeep, M. (2012). *Training related changes in the efferent auditory system*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
14. Niraj, K.S. & Kumari, A. (2012). *Effect of rise/fall time on vestibular evoked myogenic potential elicited by short tone bursts of 500 Hz*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
15. Preeta, S., Akshay, M., Usha, M. & Niraj, K.S. (2012). *Audio-vestibular profile of cases with vestibular paroxysmia*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.

16. Priyanjali, H., & Devi, N. (2012). *Effect of mode of stimulation on vocal emotion perception by individuals with auditory dys-synchrony*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
17. Priyanjali, H. & Niraj, K.S. (2012). *Effect of rate, step size and surfaces of fukuda stepping test in normal and vestibular dysfunction*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
18. Reuben, T.V., & Shyamala, K. C. (2012). *Quality of life among parents of children with severe developmental disabilities*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
19. Sabir, S., Rohit, K. & Prawin, K. (2012). *Vestibular evoked myogenic potentials in children with sensorineural hearing loss*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), Hyderabad, 20-22 January 2012.
20. Sharanya, R., Animesh, B., Niraj, K.S. & Sujeet, K.S. (2012). *Comprehensive assessment of vestibular functions in individuals with audiology neuropathy*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
21. Suma, C., & Sandeep, M. (2012). *Acoustic change complex in native speakers of tonal and non-tonal languages*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
22. Tithi, J., Sujitha, P. S., & Swapna, N. (2012). *An investigation into the relationship between anxiety and stuttering*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
23. Varun, U.A.G., Priyanka, S. & Shyamala, K.C. (2012). *Implicit linguistic processing in learning disability & down's syndrome: A comparison through semantic priming*. Paper presented at the 44th Indian Speech and Hearing Association Conference (ISHACON), University of Hyderabad, Hyderabad, 20-22 January 2012.
24. Vikas, M. D., Geethu Mohan, Niloofer Nizar, & Jissa Saji. (2012). *Effects of Short and Long Standing Thyroid Problems on Voice Characteristics*. Paper presented at

- the 44th Indian Speech and Hearing Association conference (ISHACON). Hyderabad, 20-22 January 2012.
25. Vikas M. D., Hassan P. C. & Arivudai Nambi.(2012). *Perception of Spectral Ripples and Speech In Noise By Geriatric Listeners*. Paper presented at the 44th Indian Speech and Hearing Association (ISHA) conference. Hyderabad, 20- 22 January 2012.
 26. Kuppuraj, S., & Prema, K. S.(2012). *Is non word repetition a clinical marker of Specific Language Impairment?'*. Paper presented at the UGC National Seminar on Language and Cognitive Processes. Annamalai University, Tamil Nadu, 23-24 January 2012.
 27. Sreedevi, N., Jyothi, S., & Smitha K. Nair.(2012). *Phonetic characteristics of vowels in babbling: 4-5 months*. Paper presented at the UGC National Seminar on Language and Cognitive Processes. Chidambaram, Tamilnadu, 23-24 January 2012.
 28. Gnanavel, K., Sahana, M., & Pushpavathi, M. (2012). *Effect of type of stimuli and type of cleft on speech intelligibility in individuals with cleft lip and palate*. Paper presented at the 11th Annual Conference of Indian Society of Cleft Lip, Plate and Craniofacial Anomalies (Indocleftcon), NIMHANS, Bangalore, 26-28 January 2012.
 29. Gopi, K., Navya, A., & Pushpavathi, M. (2012). *Effect of velopharyngeal port dynamics on voice quality and vocal efficiency*. Paper presented at the 11th Annual Conference of Indian Society of Cleft Lip, Plate and Craniofacial Anomalies (Indocleftcon), NIMHANS, Bangalore, 26-28 January 2012.
 30. Indu, T., & Pushpavathi, M. (2012). *Can parents play an active role in early intervention program for children with clp??? An evidence based practice*. Paper presented at the 11th Annual Conference of Indian Society of Cleft Lip, Plate and Craniofacial Anomalies (Indocleftcon), NIMHANS, Bangalore, 26-28 January 2012.
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 9. Malar, G. & Subramanya, K. R. (2012). *Evolution of special schools in inclusive education scenario*. [Abstract]. In the Souvenir of Deaf @ Inclusive Education: A Search for Emerging and Sustainable Practices, National Convention of Educators of the Deaf, (NCED-2012), Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P, 5-7 February 2012.
 10. Malar, G., Sreedevi, N.& Suresh, C.B. (2012). *Impact of early identification and comprehensive preparation in mainstreaming children with hearing impairment*. [Abstract]. In the Souvenir of Deaf @ Inclusive Education: A Search for Emerging and Sustainable Practices, National Convention of Educators of the Deaf (NCED-2012), Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P, 5-7 February 2012.
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4. Prashanth, P.P., Vijay, K.Y.A. & Barman, A. (2011). Speech perception abilities for spectrally modified single in individuals with auditory dys-synchrony. *International Journal of Audiology*, 50 (5), 349-352.
5. Jayakumar, T. & Savithri, S.R. (2012). Effect of geographical and ethnic variation in dysphonia severity index: A normative study in Indian population. *Journal of Voice*, 26(1), 11-16.
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9. Vijay, K.Y.A, Dhanya, M. & Barman, A. (2012). Spontaneous otoacoustic emissions in Individuals with auditory neuropathy spectrum disorder. *Audiological Medicine*, 10 (1), 50-54.

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2. Hema, N. & Shyamala, K. C. (2011). A comparative study in narrative discourse of Kannada-English bilingual normal adults. *Journal of All India Institute of Speech and Hearing*, 30, 101-107.

3. Impu, C., Shwetha, C. & Shyamala, K. C. (2011). Double deficit hypothesis: The relationship between phonological awareness and rapid automatized naming in adolescents with and without dyslexia. *Journal of All India Institute of Speech and Hearing*, 30, 138-145.
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36. Venkatesan, S., & Ravindran, N. (2012). Play behaviors and activities in siblings of children with developmental disabilities. *Journal of Indian Academy of Applied Psychology*, 38(1), 74-83.

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2. Kumar, S. & Goswami, S.P. (2012). Phonology comprehension deficits in persons with aphasia. *Language in India*, 12(2), 643-658.

V. Other Publications

Book/Book Chapters

1. Ajith, U.K. & Jayaram.M.(2011). Auditory Neuropathy/Dys-Synchrony, In Jason P. Dupont (Ed.), *Hearing Loss: Classification, causes and treatment* Chapter XIX, 379-388. New York: Otolaryngology Research Advances, Nova Science Publishers.
2. Goswami, S.P.(2011). Language assessment in children with hearing impairment. In Yathiraj, A (Ed.), *Aural Rehabilitation of children with Hearing Impairment*, 32-45. New Delhi: Indira Gandhi Open University.

3. Karimi, A. & Venkatesan, S. (2011). Mathematics Anxiety Scale-Indian Version. Bangalore: Psychotronics.
4. Venkatesan, S. (2011). Functional assessment battery: Idiometric analysis of neuropsychological functions in adults with mental retardation. Bangalore: Psychotronics.
5. Venkatesan, S. (2011). Knowledge & opinion questionnaire on rights, immunities & privileges for persons with mental retardation: Test manual. Bangalore: Psychotronics.

Resource Books/Pamphlets

Many resource books in different languages such as Hindi, Kannada and English were developed by the faculty, staff and students of the institute for caregivers of children with communication disorders, based on the research works carried out. The details of the

materials developed during the reporting year are given below.

1. Maguvige Tarabeti koduvudu Hanta, Ondu. (2011). Manual prepared by Savithri, S.R., Rajalakshmi, K. & Revathi, K.R, in Kannada.
2. Manual for Adult Aphasia Therapy in Kannada (MAAT-K). (2011). Manual prepared by Goswami, S.P., Jayashree, C. S., Samasthitha, S., Navitha, U., Chaitra, S. & Ranjini M.
3. Mata, Pita aur Bachcha. (2011). Manual prepared by Savithri, S. R., Malar, G., Seema, M., Sinthiya, K., Aswathy, A. K., Badariya, M., Darshan, S., Anusree, D. & Sivaprasad, M., in Hindi.
4. Train Your Child Level-II. (2011). Manual prepared by Savithri, S.R., Ananthi, T., Anjana, S., Preethi, T. T., Somy, E. S., Seema, M., Sinthiya, K., Sruthy, H., Aswathy, A.K., Badariya, M., & Darshan, S.

4 Clinical Services

The institute offers a broad range of evidence-based diagnostic evaluation and treatment services for clients with communication disorders of all ages, from infants to the elderly.

This chapter details the clinical activities carried out during the reporting year under the following headings: (i) general clinical services, (ii) specialized clinical services, (iii) special educational-cum clinical services, (iv) medical specialty services, (v) clinical electronic services, and (vi) clinical support services. The department of clinical services coordinated the clinical activities provided by the institute.

I. General Clinical Services

Highly skilled clinical practitioners of the departments of audiology, speech-language pathology, speech-language sciences along with allied practitioners at the departments of otorhinolaryngology and clinical psychology delivered general clinical services pertaining to communication disorders during the reporting year. The institute also offered a range of specialized speech, language and hearing, and medical specialty services to the needy clients.

Totally 47,756 persons were registered for availing clinical services at the institute during the reporting year. This includes 19,382 new and 28,374 review cases. There were new clients from all the Indian states (except Arunachal Pradesh, Punjab, Sikkim and Thripura), union territories and countries like Nepal, Bangladesh and Maldives. The geographical details of clients are given in table 15. Majority of the clients (18059) were from Karnataka, the state in which the institute is located followed by the neighboring states of Kerala (735), Tamil Nadu(251) and Andra Pradesh (152). There were 21 clients from north-east region of the country. The age-wise and gender-wise details are given in figure 2. Males (12075) outnumbered females (7307) in availing clinical services and the major age group of clients was 20-40 followed by 0-5 with 5067 and 3476 numbers, respectively.

Figure 2: Age-Wise Statistics of Clients

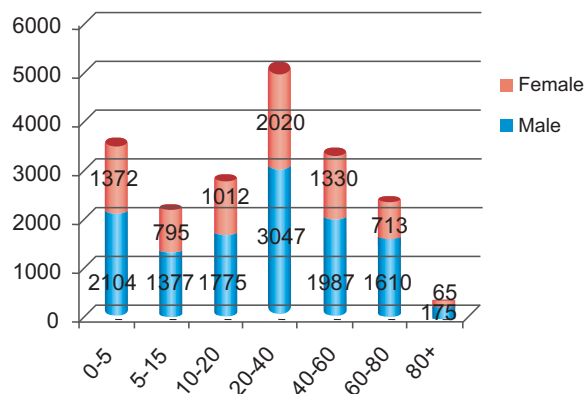


Table 15: Geographical Details of Clients

Locality	Number
States/Union Territories	
Andhra Pradesh	152
Assam	17
Bihar	12
Chattisgarh	3
Delhi	7
Goa	3
Gujarat	4
Haryana	3
Himachal Pradesh	1
Jarkhand	13
Karnataka	18059
Kashmir	1
Kerala	735
Madhya Pradesh	7
Maharastra	21
Manipur	3
Meghalaya	1
Orissa	17
Rajasthan	13
Tamil Nadu	251
Uttar Pradesh	14
Uttaranchal	2
West Bengal	18
Union Territories	5
Other Countries	
Bangladesh	5
Maldives	6
Nepal	9
Total	19382

Speech and Language Assessment and Rehabilitation: The speech and language outpatient unit evaluated 7370 clients during the reporting year. Of them, 6931 were identified with various kinds of speech and language disorders and 439 were found to have normal speech. 4988 persons had language

disorders. 608 persons had voice disorders, 688 had fluency disorders, 505 had articulation disorders and 142 had multiple disorders. The details of clients with speech and language disorders along with the category of disorders are given in table 16.

Clients requiring further management were given various speech/language therapies depending upon the type and severity of disorder, for a number of daily sessions of 45 minutes duration. A total of 32,275 such therapy sessions were conducted for 5565 persons with speech/ language disorders during the reporting year. The details of disorder-wise distribution of therapy are given in table 17.

Audiological Assessment and Rehabilitation: Hearing evaluation of 11365 clients was carried out by administering various audiological tests such as pure tone audiometry, speech audiometry and otoacoustic emission and threshold-equalizing noise test. Totally 21890 ears were diagnosed with different degrees of hearing loss including severe (3995) and profound (3531) cases. Further, different types of hearing loss such as sensori-neural loss, mixed, conductive, auditory processing disorders and auditory dys-synchrony were identified during the evaluation. The details of hearing evaluation and diagnosis are given in table 18.

Table 16: Clients with Speech and Language Disorders

Disorders	Language			Voice			Fluency			Articulation			Multiple		Normal			Total
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	C	A	G	
April	504	46	7	9	10	8	51	18	0	59	8	0	0	0	21	4	0	745
May	526	60	7	15	24	8	89	21	0	70	9	0	1	0	37	10	2	879
June	513	51	4	14	37	12	37	23	0	22	4	1	8	1	28	15	0	770
July	366	52	4	17	26	6	27	25	0	18	11	3	53	4	20	27	4	663
Aug	264	35	7	9	17	15	23	23	0	16	7	2	0	0	12	16	1	447
Sep	297	38	4	14	25	6	22	32	0	25	6	1	6	0	13	12	5	506
Oct	398	26	7	22	28	9	71	17	0	55	7	2	24	0	30	19	4	719
Nov	276	52	6	22	27	12	26	19	2	21	4	5	11	0	7	12	0	502
Dec	358	46	10	19	26	14	22	13	0	46	2	1	5	0	41	9	0	612
Jan	326	43	4	23	33	11	21	20	0	28	7	1	10	1	19	9	0	556
Feb	266	36	4	6	19	7	25	16	0	24	4	1	0	0	22	9	7	446
Mar	303	35	7	16	34	8	31	13	1	25	7	3	18	0	24	0	0	525
Total	4397	520	71	186	306	116	445	240	3	409	76	20	136	6	274	142	23	7370
	4988			608			688			505			142		439			

C: Child, A: Adult, G: Geriatric

Table 17: Therapeutic Details of Speech and Language Disorders.

Disorders	Language			Voice			Fluency			Articulation			Multiple					Total
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A				
April	312	9	7	0	8	1	36	19	0	30	4	0	60	2				488
May	419	11	3	0	6	0	55	22	0	30	3	0	49	1				599
June	293	6	1	1	4	0	14	19	0	10	2	0	54	1				405
July	363	10	4	0	5	1	15	26	0	9	2	0	68	0				503
Aug	346	15	3	0	2	2	9	27	0	10	2	0	60	0				476
Sep	324	18	6	0	1	0	13	28	0	7	2	0	53	1				453
Oct	344	17	2	3	6	0	33	15	1	12	4	0	67	2				506
Nov	295	13	6	0	4	3	8	11	1	8	10	0	50	0				409
Dec	193	7	7	1	3	1	8	11	0	12	2	0	34	1				280
Jan	367	16	5	2	8	1	6	13	0	18	0	0	69	0				505
Feb	355	16	5	1	8	0	3	8	0	9	1	0	64	0				470
Mar	359	11	6	0	8	0	6	11	0	9	0	0	60	1				471
Total	3970	149	55	8	63	9	206	210	2	164	32	0	688	9				
	4174			80			418			196			697					5565
							5565											

C: Child, A: Adult, G: Geriatric

Table 18: Hearing Evaluation and Diagnosis

Particulars	No.
Clients underwent hearing evaluation	11365
Clients from Hindi region	442
Clients for whom case history taken	13389
Types of Evaluation	
Auditory brainstem response audiometry	2768
Auditory steady state response test	6
Behavioral observation audiometry	906
Immittance evaluation	10862
otoacoustic emission test	1272
Pure tone audiometry	10323
Speech audiometry	10473
Threshold-equalizing noise test	11
Tinnitus evaluation	118
Vestibular evoked myogenic potentials test	34
Visual reinforcement audiometry	55
Degrees of Hearing Loss Diagnosed	
Ears with normal hearing	4187
Ears with different degrees of hearing loss	21890
• Minimal	2333
• Mild	2632
• Moderate	2943
• Moderately severe	3125
• Severe	3995
• Profound	3531
Types of Hearing Loss Diagnosed	13918
Ears with conductive hearing loss	2742
Ears with sensori-neural hearing loss	7840
Ears with mixed hearing loss	3336
Other Hearing Disorders Diagnosed	
Clients with unilateral hearing loss	1312
Clients with bilateral hearing loss	6346
Clients with auditory processing disorders	26
Clients with functional hearing loss	39
Ears with auditory dys-synchrony	72

Hearing aid trial was done for 8927 clients to determine the appropriate hearing aids and assistive learning

devices. The candidacy for cochlear implants was also determined. The detailed statistics on hearing aid trial and hearing aids prescribed during the report year are given in table 19.

Table 19: Details of Hearing Aid Trials and Aids

Particulars	No.
Clients evaluated for hearing devices	8 927
• At the Institute	857
• At the camps	355
Clients counseled	2423
• At the Institute	2028
• At the camps	395
Hearing aid prescribed	5031
• At the Institute	4736
• At the camps	295
Types of hearing aids distributed	
• Body level hearing aid	3044
• Freely under ADIP scheme	2781
• Cost sharing	263
• Analogue BTE	20
• Digital BTE	1470
• Trimmer Digital BTE	134
• Digital ITE	5
• Digital ITC	47
• Digital CIC	9
Hearing aids distributed on exchange	132
Clients recommended for auditory training	1827
Clients recommended for Speech reading	805
No. of audiograms taken	739
Cochlear Implantation	
• Unaided/aided audiograms for CI	59
• Candidacy for Cochlear Implant	36
• Mapping for Cochlear Implant	81
Aided VRA	90
Programming of digital hearing aids	1061
No. of IGO done	100
No. of EAC of hearing aids done	333
Retrial with custom EM	503
No. of clients for whom ALDs tried	5
No. of clients for whom BAHA tried	3

The ear mould laboratory made custom ear moulds for the clients who were prescribed hearing aids. Totally 4424 ear impressions of 2628 clients were taken during the reporting year. One thousand nine hundred and thirty eight ear moulds were made free of cost. The detailed ear mould statistics are given in table 20.

Table 20: Ear Mould Statistics

Particulars	No.
Clients for whom ear impression taken	2628
New clients	2068
Old clients	560
Ear impressions taken	4424
Ear moulds made free-of-cost	1938
Ear moulds made on payment	2486
Ear moulds completed	4119
Ear moulds issued	3475
Hard regular moulds made	1854
Hard shell moulds made	148
Soft moulds made	2298
ITC impression made	47
Swimmer plug (soft) made	71
Swimmer plug (hard) made	6
Molds with acoustic modifications	1
Clients seen at camp	72
Ear moulds impression taken at camp	116
CPL impressions received	95
CPL moulds completed	95
CPL moulds defective ear impressions received	3



Ear Mould Making

Age-wise statistics of clients seen in Hearing Evaluation (HE), Hearing Aid Trial (HAT) & Counseling and Ear Mold (EM) laboratory are given in table 21.

Psychological Assessment and Rehabilitation:

The patients registered for availing clinical services at the institute underwent routine psychometric assessment at the psycho-diagnostic clinic of the Department of Clinical Psychology. The assessments carried out at the clinic include (i) pre-vocational assessment for persons with communication disorders, (ii) neuro-psychological evaluations for individuals with neuro linguistic/ communication problems, (iii) psycho-educational achievement testing and grade level assessment for children with scholastic backwardness and academic under achievement, (iv) behavior assessment for children with problem behaviors/skill deficits and (v) family assessment on specific cases requiring family intervention programs.

Psychometric assessment of 5587 new and 922 review cases was done at the clinic during the reporting year. The new cases include patients with mental retardation (1767), expressive language disorders (1067), hearing loss (468), learning disability (588), stuttering (469), misarticulation (126), aphasia (58), cerebral palsy (30), autism (18), functional

Table 21: Age-wise Audiological Assessment

Age group	H.E		H.A.T		HAT C		E.M	
	M	F	M	F	M	F	M	F
00-01	207	133	163	123	38	22	43	39
02-05	766	619	1006	704	114	83	297	277
06-10	506	425	521	430	92	51	136	131
11-15	419	315	285	209	60	32	101	70
16-20	392	320	260	175	43	32	79	50
21-25	409	300	179	111	36	33	49	43
26-30	399	279	139	87	34	17	43	20
31-35	365	244	118	83	20	16	31	23
36-40	327	280	172	98	46	31	51	32
41-45	345	256	164	128	51	28	34	37
46-50	326	242	174	106	43	36	56	47
51-55	338	229	203	127	53	35	66	43
56-60	393	246	307	178	101	51	96	51
61-65	373	234	348	184	128	45	112	59
66-70	354	206	361	202	135	65	108	48
71-75	336	155	385	140	136	51	110	47
76-80	235	110	296	105	130	33	87	32
81-85	119	60	146	64	55	13	38	19
86-90	58	29	49	21	17	14	12	5
91+	11	5	15	6	6	2	4	1
Total	6678	4687	5291	3281	1338	690	1553	1074
	11365		8572		2028		2628	
Grand Total	24593							

M : Male, F: Female ,HE: Hearing Evaluation, HAT: Hearing Aid Trial,
HAT C: HAT Counseling & EM: Ear moulds.

Table 22: Psychological Assessment and Rehabilitation

Particulars	No. of cases	No. of sessions
Behavior therapy	346	1025
Home based training instruction for MR/SLD	206	452
Remedial training for SLD cases	84	139
Parent counseling program	5082	5082

voice disorders (3), voice problem (7) and others (986). Appropriate therapeutic services were provided, the details of which are given in table 22.

Neuropsychological Assessment	29	74
Neuropsychological rehabilitation	47	271
Total	5794	7043

Otorhinolaryngological Assessment and Rehabilitation:

The Otorhinolaryngological assessment and rehabilitation for persons with communication disorders were carried out by the ENT department. The department assessed 16,383 new and 17,512 review cases during the reporting year and carried out 18,914 microscopic examinations, 306 endoscopic examinations and 264 vertigo evaluations. The ENT department staff also rendered services at the Government Medical College Hospital, Mysore where 6602 new and 6120 review cases were examined and 305 major and 151 minor surgeries were successfully carried out during the reporting year.

II. Specialized Clinical Services

The institute provided a variety of specialized clinical services and evaluations for individuals with communication disorders during the reporting year. The services were performed by qualified and trained professionals in their area of expertise at the following clinical units.

Augmentative and Alternative Communication (AAC) Unit: The AAC unit supported, enhanced and provided alternative methods of communication

for individuals who are non-verbal and evaluated 25 new and 269 therapy cases, during the reporting year. The number of therapy sessions conducted was 1458. In addition, one home training and two demonstration therapy (DT) cases were attended.

Autism Spectrum Disorders (ASD)

Unit: Assessment and treatment were provided for 253 clients with autism spectrum disorders at the ASD unit during the reporting year. The unit also attended 700 therapy and eight demonstration therapy cases. The total number of therapy sessions conducted was 3163. The details are given in table 23.

Table 23: Activities of ASD Unit

Particulars	Number
Cases evaluated	253
Assessment sessions	199
Therapy cases	700
Therapy sessions	3163
Demonstration therapy cases	8
Cases discharged	2
Hindi cases	33
Occupational Therapy	
Cases evaluated	166
Assessment sessions	213
Therapy cases	1248
Therapy sessions	3782
Demonstration therapy cases	583
Cases discharged	13
Cases discontinued	17
Cases re-evaluated	125

Fluency Unit: This unit catered to the needs of persons with stuttering and other fluency disorders and provided clinical services to 554 persons with fluency disorders in 2922 sessions during the reporting year. The unit also enabled the professionals to conduct research on neuroanatomical, neurophysiological and genetic aspects of fluency disorders.

Learning Disability Clinic (LDC): In view of the growing importance being accorded to identification and remediation of academic problems in school children, a Learning Disability Clinic' was established. The objectives of the clinic include early identify students with learning disability, undertake their detailed evaluation by a multi-disciplinary team of experts, plan individualized remediation programs for the identified students, serve as nodal center for issue of certificates for certain educational concessions, conduct action research to facilitate advocacy, policy change and public education and develop related literature/ materials for or about students with learning disabilities. The details of the activities carried out at the clinic during the reporting year are given in table 24.

Listening Training (LT) Unit: Clients who use hearing devices were provided with listening training. Training was also imparted to clients having tinnitus,

Table 24: Activities of LDC

Activity	Number
Children screened	588
Detailed testing & assessment	331
Individualized parent counseling	331
Issue of certificates for educational concessions	
• Indian students	139
• Foreign students	15
Center based remedial instruction	84
Home based remedial instruction	247
School liaison and consultancy services	5
Interns underwent observation training	
• AIISH Interns	108
• Outside	97

hyperacusis as well as cochlear implantees. Totally, 2684 persons underwent listening training comprising of 16050 sessions during the reporting year. The detailed statistics on listening training activities are given in table 25.

Table 25 Activities of LT Unit

Particulars	Numbers
Clients evaluated	2684
Sessions taken	16505
Clients underwent demonstration therapy (DT)	202
New clients	373
Repeat clients	2214
Clients discharged	49
Pre-school sessions attended	557
Clients given training in Hindi	185
Clients with CI trained	202
Sessions for clients with CI taken	1565
Clients with tinnitus attended therapy	8
Sessions for clients with tinnitus	51
Clients with CAPD	14
Sessions for clients with CAPD	75
Clients for observation for session hearing aid fitting	12
Total no. of students trained	1238

Motor Speech Disorders (MSD) Unit:

This specialized unit caters to the needs of persons with Motor Speech Disorders. It enables them to realize their potential and become contributing members of the society. The clinic was inaugurated on 9 August 2011 and the services have been initiated from October 2011 in a phased manner. During the reporting year, the clinic has catered to the needs of children with cerebral palsy below three years of age. They were assessed for their strengths and weaknesses and appropriate intervention strategies initiated. The detailed statistics are given in table 26.

Table 26: Activities of MSD Unit

Particulars	Numbers
Assessment	14
Intervention	13
Follow up for intervention	18
Counseling	15

Professional Voice Care (PVC) Unit:

The unit provided specialized assessment and management services to professional voice users during the reporting year. It organized various programs to orient and sensitize professional voice users on care, maintenance and conservation of voice. Specialized training in the assessment and counseling of professional voice users was imparted to 36 final year M.Sc. (SLP) and 40 Internship students for 188

hours and 104 hours respectively. The unit also provided detailed diagnostic and counseling services to 18 clients and management services to 31 clients.

Structural Orofacial Anomalies (U-SOFA)Unit:

Clients with deformalities in the growth of head and facial bones were given multi-disciplinary diagnostic and rehabilitative services in the clinic. Totally 249 clients were evaluated at the clinic by the experts in speech pathology, orthodontics, prosthodontics, plastic surgery and clinical psychology. Among them, 103 were recommended for speech therapy, 41 for orthodontic treatment, 37 for surgery, and 26 for prosthesis. The detailed clinical statistics of the unit are given in table 27.

Table 27: U-SOFA Statistics

Particulars	Numbers	
Diagnostics		
	P	A
Speech evaluation	136	34
Plastic surgeon	136	34
Prosthodontist	14	11
Orthodontist	40	14
Rehabilitation Recommended		
	P	A
Orthodontic treatment	33	8
Surgery	30	7
Speech therapy	80	23
Prosthesis	20	6
Details of Rehabilitation		
	P	A
Prosthesis preparation Session	28	14
No. of speech prosthesis prepared	9	2

Speech & Language therapy	137	34
Demonstration therapy(DT)	45	6
DT sessions	437	97
Speech & Language therapy sessions	944	208

P: Pediatric, A: Adult



Experts evaluating cleft lip/palate case

Vertigo Unit: The clinic offered comprehensive care in evaluation and management of patients with vertigo. A multidisciplinary team comprising of ENT surgeon, neurologist and audiologist evaluated 264 patients in the clinic for both peripheral and central vertigo during the reporting year and diagnostic tests like microscopic examination of ear, electro-nystagmography, vestibulo spinal tests, neurological evaluation, audiological tests and vestibular evoked myogenic potential (VEMP) test were carried out for the needy ones.

III. Medical Specialty Services

The institute facilitated the services of various medical specialists such as pediatrician, neurologist, plastic surgeon, prosthodontist, orthodontist, phonosurgeon and services of allied health

professionals such as physiotherapist and occupational therapist, to the needy clients. Totally 1650 patients underwent occupational therapy in 11261 sessions and 811 underwent physiotherapy in 5984 sessions, during the reporting year. In addition, 499, 347, 166, 45, 27 and 22 clients consulted neurologist, pediatrician, plastic surgeon, orthodontist, prosthodontist and phonosurgeon respectively. Thus altogether 2489 clients availed the medical specialty services at the institute. The details are given in table 28.

Table 28: Medical Specialty and Allied Healthy Services

Category		No.
Neurologist		499
Pediatrician		347
Plastic Surgeon		166
Orthodontist		45
Prosthodontist		27
Phonosurgeon		22
PT	Cases	811
	Session	5984
OT	Cases	1650
	Session	11261

PT: Physiotherapy, OT: Occupational Therapy

IV. Special Educational Services

The institute provided special educational services to children with communication disorders belonging to different age groups under the aegis of the Department of Special Education. The major services given during the reporting year are the following.

Parent Infant Program: This caters to very young children with communication disorders in their infancy and toddlerhood. During the reporting year, 12 such children were provided early stimulation services through 310 sessions.

Pre-school Parent Empowerment Program: Parents of 165 children of two years and above age, awaiting pre-school admission were empowered to prepare their children for pre-school. Language wise, 49 Kannada, 20 Malayalam, 17 English, 10 Hindi and 7 Telugu parents benefitted the service in 1076 sessions.

Pre-school Training: Totally 198 children with communication disorders underwent preschool training in 116403 sessions during the reporting year. This includes children with autism (40), mental retardation (85) and hearing loss (73). In addition, children with multiple disorders such as hearing loss with autism (27), hearing loss with cerebral palsy (55), hearing loss with mental retardation (48), mental retardation with autism (184), mental retardation with cerebral palsy (225), mental retardation with visual impairment (9), hearing loss with cerebral palsy with mental retardation (1) were also given training by grouping them according to disorders.

In coordination with the department of clinical services all the 198 children were

given speech language therapy in 5473 sessions and listening training for 73 children in 810 sessions. Apart from these, all the enrolled children were given co-curricular training in 269 sessions.

Curricular Support Services: One hundred and three children with communication disorders studying in normal schools were provided with curricular support services in 2542 sessions during the reporting year. Individualized educational services were also provided to children out of school and those pursuing non-formal education.

Placement Guidance Evaluation: Educational assessments were carried out for 51 children with communication disorders in 102 sessions and follow-up guidance was provided for appropriate school placement and instructional services.

Counseling and Guidance: This service was provided to 358 caregivers and educators in the field through 823 sessions for helping them support the education of children.



Oral hygiene and dental camp

Organization of Camps: The department of special education also organized camps for children with disability such as one day oral hygiene and dental camp and 28 days summer camp for the overall development of children with special needs.

A summary of special educational services provided during the reporting year are given in table 29.

Table 29: Special Educational Services

Services	C	S
Parent infant program	12	310
Pre-school parents empowerment program	165	1076
Pre-school training for children with comm. disorders	198	116403
• Speech language therapy	198	5473
• Listening therapy	73	810
Co-curricular training	198	269
Curriculum Support Service	103	2542
Placement guidance evaluation	51	100
Counseling and Guidance	358	823

C: Clients, S: Sessions

V. Clinical Electronic Services

The clinical electronic services provided under the Department of Electronics include electro- acoustic evaluation and, management and issue of hearing aids. Hearing aids were distributed under ADIP Scheme of Ministry of Social Justice and Empowerment, Government of India and AIISH Hearing Aid Dispensing Scheme. Totally 1702 hearing aids with solar battery chargers

were distributed at the main campus (1625), camps (21), and clinical outreach centers (56), after electro-acoustic evaluation and testing under ADIP scheme. Under AIISH Hearing Aid Dispensing Scheme, 1300 hearing aids were issued at concessional rate. The department also repaired 453 body level and 120 BTE hearing aids and freely serviced 404 BTE hearing aids.

VI. Clinical Support Services

The institute extended a diverse range of support services to patients and their family. These include: (i) counseling and guidance on various aspects of the disorders such as treatment procedures, usage and care of tools like hearing aids, and (ii) issue of certificates like financial aid, tax exemption, educational scholarship, railway concession, and school admission. The clinical support services provided to the eligible candidates, during the reporting year are given in table 30.

VII. Others

The department of Audiology and Clinical Services introduced biometrics for students posted.

Table 30: Clinical Support Services

Particulars	Numbers
Department of Audiology	
Financial aid certificates	553
Certificates for school admission (deaf)	75
Physically handicapped certificates	195
Tax exemption certificates	48
Education scholarship certificates	53
Audiogram reports	6690
Counseling & guidance on EPDs	
Others	94
Department of Clinical Psychology	
Mental retardation certificates	669
Railway concession certificates	90
Learning disability certificates	139
Psychological report for school admn.	146
Income tax exemption certificate	34
Medico-legal cases	3
Dept. of Clinical Services	
Transfer certificate	39
Case reports	737
Attendance certificates	85
School admission certificate	
/Language exemption certificate	167
Correspondence by e-mail/letter	289
Financial assistance	
(Total Amount ₹ 8813/-)	4

5 Outreach and Public Education Services

In addition to diagnostic and therapeutic services provided within its walls, the institute delivers outreach clinical services and employs a variety of channels to enhance the public's awareness and knowledge of the communication disorders. The outreach services of the institute are carried out mainly by the Department of Prevention of Communication Disorders (POCD) and Centre for Rehabilitation and Education through Distance Mode (CREDM).

This chapter lists out major outreach and public education services that the institute delivered during the reporting year.

A. Outreach Services

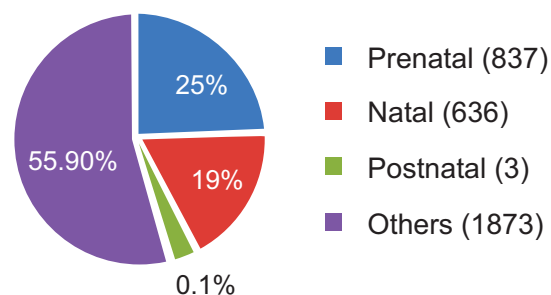
I. Communication Disorder Screening Programs

The Department of Prevention of Communication Disorders (POCD) conducted screening programs for communication disorders in different settings in various localities. The individuals participating in the program were checked for hearing, speech and language abilities and provided with diagnostic and therapeutic services. The screening programs conducted during the reporting year are mentioned below.

Infant Screening: Under this program, neonates and infants were screened using various tools such as High Risk Register for communication disorders, Behavioral Observation Audiometry, Oto Acoustic Emission Screening and Screening Checklists to identify the risk factors that could lead to communication disorders. Screening program was carried out throughout the year in 12 hospitals/immunization centres in Mysore and totally 13031 babies which include 6696 male and 6335 female were screened and 1629 among them were referred to the institute for follow-up. The distribution of pre-natal, natal and post-natal high risk factors in infants screened are given in figure 3.

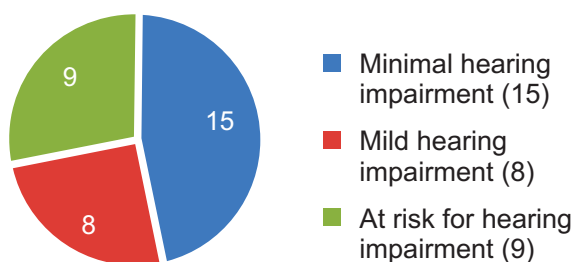
The infant screening was also initiated at SCB Medical College & Hospital, Cuttack and Regional Institute of Medical Science & Hospital, Imphal, the two DHLS centres of the institute during the reporting year.

Figure 3: High risk factors in infants



Industrial Screening: As a part of hearing evaluation program for industrial workers, the institute conducted hearing screening of 132 employees working in the Karnataka Silk Industries Company (KSIC) factory located in Mysore and 32 employees were tested for hearing abilities. Most of them had high frequency sloping sensorineural hearing loss due to exposure to high noise level. The employees were counseled regarding the need to use devices to protect their hearing and on the attenuation of noise level at the source and transmission path. They were also referred for detailed evaluation at the institute. The details of the hearing evaluation of the employees are represented in figure 4.

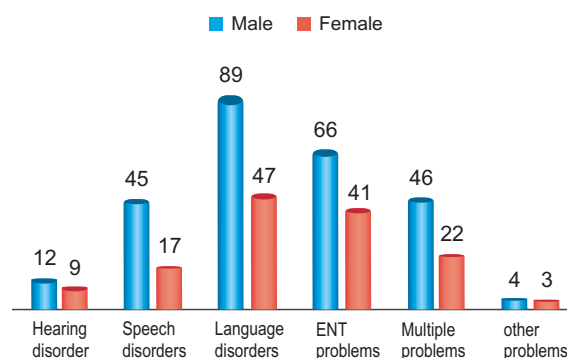
Figure 4: Industrial Screening



School Screening: Children studying in the nearby schools of the outreach centres of the institute at Hullahalli and Akkihebbalu, were screened for communication disorders and learning disabilities. Of the 401 students screened, 136 were identified with language disorders and 107 with otolaryngological

problems. The details of communication disorders identified among the school children are given in figure 5. Further evaluations of the needed cases were done at the outreach centres.

Figure 5: Communication disorders among school children



School Screening

Communication Disorders Screening Camps:

Six camps were conducted in various localities in Karnataka with the objective of detecting communication disorders and creating awareness among the general public about the disorders, during the reporting year. These camps were mainly sponsored by NGOs, SSA, and other state and district level agencies. The expert speech and hearing and allied health practitioners of the

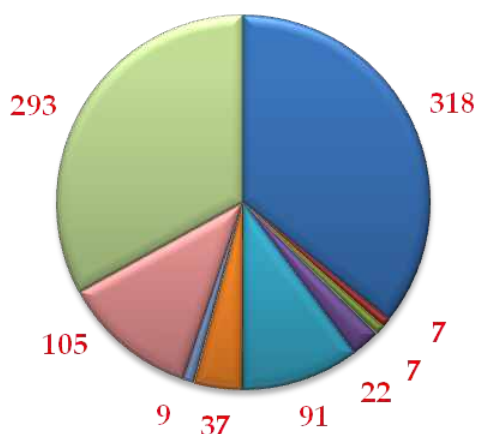
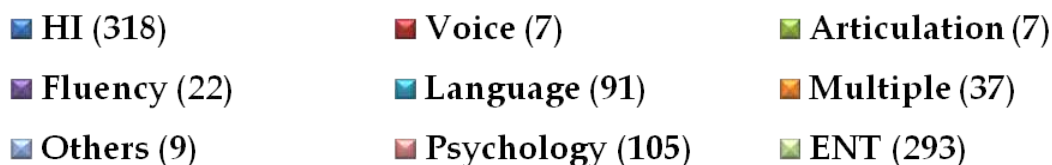
institute evaluated a total number of 889 citizens at the camps and 242 cases were referred to the institute for further check-up. Further, 123 hearing aids, one audiological and 39 psychological

certificates were also issued at the camps. The details of screening camps conducted are given in table 31 and the communication disorders identified in figure 6.

Table 31: Communication Disorders Screening Camps

Location	Date	Sponsor	Cases evaluated	Cases referred
Hosanagar, Shimoga	28 April 11	JCI, Kodachadri	245	13
Belaku Ashradhama	13 May 11	Belaku Ashradhama	4	4
Rotary club, Mandya	24 Febr 12	Rotary Inner Wheel, Mandya	76	70
Maharaja's College ground, Mysore	3 March 12	District Health Committee	35	20
Keelara, Mandya	9-10 March 12	AIISH	529	135
Total			889	242

Figure 6: Communication disorders identified at camps



II. Diagnostic and Therapeutic Services at Outreach Service Centres

The outreach service centres of the institute located at (i) Hullahalli, Nanjangud, Mysore, (ii) Akkihebbalu, K.R. Pete, Mandya, (iii) Gumballi, Chamarajanagar, and (iv) Santhamaralli, Chamarajanagar, provided communication disorders related diagnostic and therapeutic services to the villagers in the locality during the reporting year. Totally 2872 clients ranging from infants to adults underwent speech and hearing evaluation. Among them, 2285 individuals were diagnosed to be having audio-logical (484), speech and language (239), and otolaryngological (1562) related disorders. In addition to the evaluation provided, 72 hearing aids were issued and 52 ear mould impressions were taken at the outreach centres.

III. Tele-intervention and Tele-assessment

The institute through its Centre for Rehabilitation and Education through Distance Mode (CREDM) offered an innovative tele-intervention and assessment outreach service through videoconferencing to persons with communication disorders and their caregivers at 10 DHLS centers of the institute located in different parts of

the country, from Monday to Friday throughout the year. Totally 215 clients with child language (123), fluency (45), voice (24), adult language (4) and articulation (19) disorders were provided with needed diagnostic and therapeutic services. Tele-intervention was also done at the outreach service centres of the institute at Akkihebbalu and Hullahalli for three months and 14 persons with communication disorders benefitted the service.

IV. Web-based Service

The Centre for Rehabilitation and Education through Distance Mode addressed queries related to communication disorders, their assessment and management by providing resource materials over its website. Totally, 2917 persons visited the site for availing the service during the reporting year.

V. Educational Guidance and Counselling through Distance Mode

Educational guidance and counselling were given to 15 caregivers of children with communication disorders at the DHLS study centres through videoconferencing in 25 sessions. The purpose was to help them understand how their child's special need might affect his education, how to prepare him for schooling, help in deciding

appropriate schools to educate the child and provide them information on various benefits and concessions that are offered by the central and state governments towards the education of children with special needs.

B. Public Education

The institute took various steps to make the common man aware of communication disorders, educate them on prevention of disorders and provide guidance and counseling to persons suffering from such disorders, during the reporting year. These include the following.

I. Monthly Public Lectures

In order to create public awareness on

various communication disorders such as stuttering, articulation disorders, aphasia, mental retardation, hearing and voice problems, the institute organized monthly public lectures tailored for common man, throughout the year, during which expert practitioners in the field delivered one-hour lecture followed by question and answer session with the audience. The details of the lectures delivered during the reporting year are given in table 32.

Table 32: Public Lecture Series

Sl. No.	Topic	Resource person	Date
1.	E.N.T. problems in school children.	Dr. T.K. Prakash, Lecturer in E.N.T.	30.04.11
2.	Hearing screening in infants and children.	Dr. Ajith Kumar, U., Reader in Audiology.	28.05.11
3.	Individualized educational plan for children with special needs.	Ms. P. Vijetha, Lecturer in Special Education.	25.06.11
4.	Communication disorders in children.	Ms. Priya, MB, Speech Language Pathologist.	31.07.11
5.	Physiotherapeutic aspects in communication disorders.	Mr. Siddesh N.S. Physiotherapist.	27.08.11
6.	Ear and balance.	Mr. Sujeet Kumar Sinha, Lecturer in Audiology.	24.09.11
7.	Stuttering.	Mrs. Sangeetha Mahesh, Clinical Lecturer.	29.10.11

8.	Articulation problems in children.	Mr. Sachin L.C., Lecturer in Speech Sciences.	26.11.11
9.	Middle ear infection: Consequences and solutions.	Ms. Mamatha N. M., Lecturer in Audiology.	31.12.11
10.	Behavioral management of children with communication disorders.	Dr. G., Jayarama Reader in Psychology.	28.01.12
11.	Common problems of nose and solutions: Communication perspective.	Dr. Bhagyashri, K., E N T Surgeon	25.02.12
12.	Benefits and concessions for the individuals with disability.	Mr.Prashanth Prabhu, P Clinical Assistant.	31.03.12

II. Preparation and Dissemination of Information Resources

Various public education materials related to the prevention and control of communication disorders were prepared in print and electronic

formats and were disseminated among the general public. The major ones are given in table 33. In addition, the materials prepared in one language were translated to others and disseminated.

Table 33: Public Education Materials Prepared

Sl.No	Title	Type	Format	Language	Department
1	Adjusting to amplification	Manual	Print	English	Audiology
2	Assistive listening devices	Brochure	Print	English	Audiology
3	Beware of noise	Manual	Print	English	Audiology
4	Body level hearing aid care	Manual	Print	English	Audiology
5	Caring for your hearing aids: dos and donts	Manual	Print	English	Audiology
6	Child with hearing impairment in the class	Manual	Print	English	Audiology
7	Cleft lip and palate	Brochure	Print	Kannada&English	SLP
8	Correcting problem of BTE hearing aid	Manual	Print	English	Audiology
9	Correcting problems of body level hearing aid	Manual	Print	English	Audiology
10	Eight guidelines to keep you talking/ singing	Pamphlet	Print	English	SLS

11	Facts about hearing loss and hearing aids	Manual	Print	English	Audiology
12	Feeding issues in cleft lip and palate children	Manual	Print	English	SLP
13	For the person using hearing aid	Manual	Print	English	Audiology
14	Frequently asked questions on voice care	Pamphlet	Print	English	SLS
15	Getting to know digital hearing aid	Manual	Print	English	Audiology
16	Getting to know your hearing aid	Manual	Print	English	Audiology
17	Maguvige tharabeti koduvudu-Hanta ondu	Manual	Electronic	Kannada	CREDM
18	Manual for parents on cleft lip and palate	Manual	Print	English	SLP
19	Normal development of articulation	Movie	Electronic	English	CREDM
20	Normal speech and language development	Movie	Electronic	English	CREDM
21	Prevention of hearing impairment	Brochure	Print	English	POCD
22	School screening checklist for teachers	checklist	Print	Kannada&English	POCD
23	Signs and symptoms of stroke	Brochure	Print	English	Clinical Services
24	Tinnitus: Ringing in the ears	Manual	Print	English	Audiology
25	Tips for better communication	Manual	Print	English	SLP
26	Tips for families with person using hearing aid	Manual	Print	English	Audiology
27	Train your child Level I	Manual	Electronic	English	CREDM
28	Use and care of BTE hearing aid	Manual	Print	English	Audiology
29	Vocal hygiene tips for professional voice users	Pamphlet	Print	English	SLS

6 Activities of the Central Facilities

Central facilities are being developed in the Institute to serve the entire institute community. Some of these facilities are open to outsiders as well.

This chapter explains the activities carried out by the Department of Electronics, Department of Material Development, Library and Information Centre and Public Information Office, the major central facilities of the institute.

A. Electronic Services

The department of Electronics developed a faculty evaluation software.

B. Material Development Activities

Department of Material Development assisted to create materials for the public on prevention, identification and management of various communication disorders, during the reporting year. In addition, it also assisted in generating materials regarding the various rights and welfare measures available for individuals with communication disorders. They were developed in such a way that dissemination of information can be done through various media such as word of mouth, orientation, street plays, print, video, radio and theatre.

The details of various materials developed during the reporting year are given in table 34.

Table 34: Material Development Activities

Material	Total Number
a) Designing	
1. Posters	45
2. Coverpage	13
3. Brochures/ folders	37
4. Invitation cards	10
5. Certificates	96
6. Page layout	552
7. Photo editing	582
8. Identity/ Enrolment card	10
9. Others	08
b) Photo coverage	
1. No. of photos taken	2581
2. Video coverage	2.45 hrs
c) Printing	
1. A3 size	2445
2. A4 size	12670
3. Scanning & photocopy	810
d) Others	
Preparation of documentary film	20 Mts

C. Library and Information Services

The Library and Information Centre (LIC) continued to play a vital role in the academic, research and clinical activities of the institute by expeditiously providing the required information to the professional community.

I. In-house Activities

The section-wise in-house activities of the LIC during the reporting year are outlined below:

Acquisition Section: The acquisition section added 843 books to the collection which is the highest number since the inception of the institute by spending more than ₹26 lakhs.

Information Processing Section: The latest edition of the world's most heavily used book classification scheme, Dewey Decimal Classification, was introduced during the reporting year and all the existing books in the collection were re-classified using the new scheme.

Periodical Section: One hundred and six peer-reviewed journals pertaining to communication disorders and allied fields were subscribed which include 17 print only, 24 print plus electronic, and 65 electronic only journals. An online archive of electronic journals was also built up by purchasing electronic back issues of 27 most important Speech and Hearing journals, during the reporting year. LIC continued getting access to more than 2700 biomedical E-journals as a part of ERMED consortium, Ministry of Health and Family Welfare, Govt. of India.

Information Technology Section: This

is a new section started during the reporting year to manage the electronic information sources and services. The major activities carried out by the section include (i) digitization of in-house research reports and other relevant study materials and uploading them on to the web portal, (ii) setting up of access to the subscribed electronic resources on the LIC web portal and continuous monitoring for the uninterrupted access to these resources by the user community, (iii) maintenance and modifications of the web portal, (iv) monitoring the functioning of Integrated Library Management System software and making suggestions for modifications.

II. Major Services

The LIC provided both traditional and electronic information services such as book lending service, reference service, current awareness services, Internet service, online public access catalogue service and online database service. Further, all the electronic information sources and services were extended to the 11 DHLS centres of the institute across the country with the launch of Virtual Private Network in February 2012.

III. User Education

Comprehensive orientation program on

the usage of various information sources with special reference to electronic resources was given to the newly admitted students.

IV. Visitors

A total number of 73 persons including students, research scholars, practitioners and teachers in the field of communication disorders from academic, research and clinical settings across the country visited the LIC for reference during the reporting year.

D. Public Information Activities

Public information office of the institute is responsible for taking care of institute publications and maintenance of media relations. The major activities of the Public Information Office during the reporting year are given below.

i) The office coordinated the publication of articles and news in leading dailies and magazines and broadcasting of programs on audiovisual media on prevention and control of communication disorders, and on the academic, research and clinical activities of the institute based on the interviews with the professionals in the institute. A few of them are given below.

- An article on PG Diploma in Forensic

Speech Science & Technology, conducted by the institute was published in Education, a special supplement of Prajavani, the Kannada daily in May 2011.

- An article on Institute's Academic Programs was published in Education, a special supplement of Prajavani, the Kannada daily on 19 August 2011.
- An article on Institute's Academic Programs under the headline, Demand for Speech and Hearing Professionals, in Lava Lavike, special supplement of the Vijaya Karnataka, the Kannada daily, on 29 August 2011.
- A news item on Know How to Get AIISH Disability Certificate was published in all local and national dailies and also broadcasted over radio and television channels in July 2011.
- An article on Prevention of Suicide, based on an interview with Dr. S. Venkatesan, Professor of Clinical Psychology, published in Vijaya Karnataka, the Kannada daily in connection with the World Suicide Prevention Day on 11 September 2011.
- An article on Diploma in Hearing Aid and Earmould Technology conducted by the institute under the headline Lend An Ear To Them, was published in The Times of India, the

English daily on 19 September 2011.

- A program on Academic Programs and Clinical Services for the Communication Disorders was broadcasted by Kannada Kasturi, the Kannada television channel as a part of Dasara special programs in October 2011.
- A program featuring creating awareness among the public on the effects of noise pollution and crackers under the headline Noise Pollution and Crackers: Care to be Taken was broadcasted over Citi Cable, UMN and MCN television channels in October 2011.
- An article on Care to be Taken During Deepavali Festival, by Dr. S. R. Savithri, Director was published in the Deepavali special supplement of the Times of India, the English daily on 24 October 2011.
- An article on Cerebral Palsy, based on the interview with Dr. S. R. Savithri, Director was published in Just Kannada, an online Kannada News Journal on 21 February 2012.
- An article on Singer's Nodule (Vocal Nodule) and Voice Problem based on the interview with Ms. Yasodha, Lecturer in Speech Sciences was published in the health supplement of The WEEK, English magazine on September 2, 2011 issue under the headline Danger At The Workplace.

In addition to the above, print and electronic media gave excellent coverage of various activities and events taken place in the institute such as monthly public lecture series, orientation programs, workshops, seminars and the also the visit of dignitaries to the institute.

ii) The Public information office also coordinated the publication of the following institute publication during the reporting year.

- *Journal of All India Institute of Speech and Hearing*, Vol.30.
- *Brochures and posters related to the activities of various departments*

iii) The office also coordinated the organization of five communication disorders screening camps at various localities.

7 Administrative & Maintenance Activities

The institute is an autonomous establishment under government of India, fully financed by the Ministry of Health and Family Welfare. The affairs of the institute are managed by an executive council with the Union Minister of Health and Family Welfare as the Chairman and the Director of the institute as the Member Secretary. Academic committee and finance committee are the other two administrative bodies of the institute which advise the Director on academic and financial matters, respectively. The members of executive council, academic and finance committees during the reporting year are given in Appendix I.

This chapter describes the personnel, financial and other activities related to the general administration of the institute. It also lists out the infrastructure development and maintenance activities carried out by the engineering and horticulture sections of the institute.

A. Administrative Matters

The administrative office provided assistance and support to the Director in general administration and management of the institute. The major activities of the office during the reporting year are given below.

I. Personnel Management

New Recruitment: Nine regular staff were recruited during the reporting year and with this, the regular staff strength of the institute became 178 which includes 46 Group 'A', 61 Group 'B', 41 Group 'C' and 30 multitasking staff. In addition, 162 contract staff were also recruited. Thus the total staff strength of the institute by the end of the reporting year was 340.

Promotions: There were four promotions under Assessment Promotion Scheme and three regular promotions during the reporting year. Under Assessment Promotion Scheme, Dr. S. Venkatesan and Dr. R. Manjula were promoted to the post of Professor in the scale of pay ₹ 37400-67100+GP ₹8700 and Dr. M. Pushpavathi and Dr. G. Rajeshwari were promoted to the post of Professor in the scale of pay ₹15600-39100 + GP ₹7600/-. Under the regular promotion, Mrs. B. R. Chudamani, Mr. G. H. Anandaram and Mr. D. S. Ramesh were promoted to the posts of Electronics Engineer, Assistant Administrative Officer and Office Superintendent, respectively.

Completion of 25 Years in Service: Eight staff members working in different

departments/sections of the institute completed 25 years of service during the reporting year. They were felicitated by Mr. G. Gourisankar, General Manager, BSNL, Mysore Telecom District and Dr. S. M. H. Qadri, Director, Central Sericulture Research and Training Institute, Mysore with a shawl and a plaque of honour with inscription, during the annual day celebrations on 9 August 2011.



Dr. S. M. H. Qadri presenting the plaque of honour to Mr S.V Prakash

Retirement/Repatriation/Resignation:

During the reporting year, 4 staff members superannuated, 1 repatriated and 2 resigned from the regular service of the institute. In addition, 91 contract staff working under various capacities, were relieved/resigned from the service.



Felicitation of Superannuated Staff

II. Financial Management

The matters related to the financial status of the institute during the reporting year are given in Appendix II.

III. Official Language Implementation

Hindi implementation program continued at the institute as per the guidelines of Government of India. The activities carried out towards the implementation of the official language policy, during the reporting year are detailed below.

Hindi Training: The staff members who do not possess working knowledge in Hindi were nominated for Prabodh and Praveen courses. Seven were nominated for the July-Nov 2011 session of the Prabodh course and five of them passed in the examination. For the January- May 2011 training session, one staff members was enrolled for Prabodh and five for Praveen.

Material Development: Various materials including 15 training materials, 3 Invitation cards, 3 certificates, 7 formats of office memoranda, 2 press releases and 1 advertisement were prepared in Hindi. In addition, translation of the annual report 2010-11, and rendering of many public education materials, course materials and work books were also carried out.

Word a Day in Hindi: A list of most frequently used words in official settings was prepared and each day one word was displayed in bilingual form for the benefit of the staff in various locations such as administrative block, academic block, library, therapy clinic and pre-school.

Correspondence: During the reporting year, 24 general orders, memos and circulars were prepared and letters to outside organizations, office notes etc., were signed in Hindi in addition to sending replies to the letters received in Hindi.

Hindi Week: Hindi week was celebrated in the Institute on 14-20 September 2011 to commemorate the adoption of Hindi as the National Language of the Union of India on 14 September, 1949. Dr.S.R.Savithri, Director of the institute inaugurated the week long celebrations on 14 September. Mr.Vaidyanathan, the Controller-Administration, Central Food Technological Research Institute, Mysore was the chief guest at the valedictory function held on 20 September. To encourage and motivate the employees for doing official work in Hindi, various competitions were organized during the event.



Mr.Vaidyanathan speaks during the valedictory function of the Hindi week.

Workshop Organized: A two day Hindi workshop was organized on 21-22 December 2011 and eminent faculty from outside organizations delivered lectures during the event.

Workshops Attended: (i) Dr. H.P Uma Saraswathi, Hindi Translator and Ms. R.Shanthi, Upper Division Clerk attended the 17th Seminar and Workshop on Official Language Hindi, organized by Rajbhasha Sanstan, New Delhi, at Solan, Himachal Pradesh on 27-29 April 2011. (ii) Dr. HP Uma Saraswathi, Hindi Translator and Ms. N Parimala, Stenographer & Personal Assistant to the Director attended the Special Hindi Symposium and Workshop, organized by Rajbhasha Sanstan, New Delhi, at Dalhousie, Himachal Pradesh on 9-11 November 2011. (iii) Mr. N. Chandrashekar, the Lower Division Clerk attended the Workshop on the Use of Hindi IT Tools on Computers, organized by the Central Institute of Indian Languages, Mysore on 13-17 February 2012.

Paper Presentation : Dr. Uma Saraswathi presented a paper on Aadhunik Bhasha Paripreshya Mem Soochana Proudya-giki (आधुनिक भाषा परीरेक्ष्य में सूचना प्रौद्योगिकी), at the Special Hindi Workshop and Symposium, organized by Rajbhasha Sanstan, New Delhi at Dalhousie, Himachal Pradesh on 9-11 November 2011 and received best paper award.

Awards: The institute received two awards for its efforts towards the effective implementation of official languages, These are

- Rajbhasha Sanstan, New Delhi award for the best efforts in Southern region on Official Language Implementation.
- Karyalaya Deepa Smriti Chinha by Rajbhasha Sanstan, New Delhi in for better implementation of Official Language.



Dr. Uma Saraswathi, Hindi Translator receiving award for better implementation of Official Language Hindi

B. Maintenance Activities

The infrastructure development and maintenance activities of the institute are

being carried out by the engineering and horticulture sections.

I. Engineering Works

The engineering section completed 15 construction works worth ₹ 626.74 lakhs during the reporting year, which include the construction of Psychoacoustic Lab, new men's hostel and guest faculty suites. Also, the construction of Knowledge Park, Audiometric Block and 48 Type II & III Staff Quarters which totally cost ₹2601.87 lakhs were going on smoothly. In addition to the construction of new buildings, the section also carried out extensive renovation and retrofit of existing buildings.



II. Horticulture Activities

The Horticulture section is responsible for maintaining an aesthetically pleasing natural environment for the institute. The section continued developing garden and lawn and preserved the natural environment of the surroundings. The major activities carried out by

the section during the reporting year are given below.

Development of Nursery: Around 2,000 ornamental potted plants, annual and bi-annual flowering plants for decorating departments/ sections were developed.

Participation in Dasara Horticultural Flower Show: The Horticulture section participated in the Dasara Horticultural Flower Show 2011, organized by the State Horticulture Department on 28 September - 9 October 2011 at Curzon Park, Mysore. The institute won eight First prizes, three Second prizes and three Third prizes for arranging various types of flower groups. Apart from this, the institute won five First prizes and one Second prize for well garden maintenance and growing various flowers in pots and beds at the institute.



Garden

Tree Planting Program: The Horticulture Section conducted a Tree Planting Program on 22 November 2011 at the institute main campus. More than hundred varieties of fruit plants were

planted during the event.

Other Activities: Around 5850 Sq.ft. area of Mexican lawn was developed around rose garden adjacent to Department of Clinical Services and Old Engineering Section and the pop-up sprinkler system installed near rose garden. Also, the development of kitchen garden was initiated at the backside of ladies hostel.

III. Purchase of Equipments

The institute also strengthened its infrastructure by procuring a number of new sophisticated tools and instruments and by the upgrading the existing scientific equipments. A total amount of ₹1,53,34,861/- towards the purchase 63 items of equipments, during the reporting year.

8 Extra-Curricular Events

The institute organized a wide range of extra-curricular activities spread across the year under the aegis of AIISH Gymkhana, the cultural organization of staff and students and the National Service Scheme unit. These activities are described in this chapter.

A. AIISH Gymkhana

AIISH Gymkhana acted as a platform for various recreational, sports, social and cultural activities. The major programs organized by Gymkhana during the report year are the following.

Annual Day: The 46th institute annual day was celebrated on 9 August 2011. Mr. Chandramouli, IAS, Secretary, Ministry of Health & Family Welfare, Government of India, was the chief guest, Dr. K. S. Sriprakash, Vice-Chancellor of Rajiv Gandhi University of Health Sciences and Dr. K. S. Rangappa, Vice-Chancellor, Karnataka State Open University were the guests of honor during the event. A cultural program was also organized in the evening to mark the occasion and Dr. S. M. H. Qadri, Director, Central Sericulture Research and Training Institute, Mysore and Mr. G. Gourisankar, General Manager, BSNL, Mysore Telecom District were the chief guests. Retired employees of the

institute and employees completing 25 years of institute service were honored and staff, students and preschool children presented various cultural performances during the occasion.



Mr. Chandramouli, IAS, Secretary, MoH&FW delivering presidential address at the annual day Celebrations

Pratibha Puraskar: Gymkhana honored the children of staff members who secured highest marks in X standard, II PUC and degree courses with Prathibha Puraskar which contains a cash prize and merit certificate, on 26 August 2011. Eight children received the honor. Dance, music, recitation, sketching, painting, and other cultural activities were also organized during the event.



Master Thejas receiving prize

Talent Day: A talent day was organized on 7 September 2011 for showcasing the skills and talents of the institute students. Around fifty students participated in the dance, music, poetry, sketching, painting competitions held during the event.

Open Day: The institute Open Day was held on 4 November 2011 during which the public were given opportunity to visit the institute and understand various facilities and services it provided. As a part of the Open Day celebrations, the public and school children were educated on various aspects of communication disorders through an exhibition. Various competitions were also conducted for both normal developing children and children with disabilities. More than 1700 people including school children, teachers and the general public visited the institute during the occasion.

Kannada Rajyotsava Day: The Kannada Rajyotsava day was celebrated at the institute with great joy and vigor. Professor Aravind Malagatti, Kuvempu Institute of Kannada Studies, University of Mysore was the chief guest. Several public education pamphlets on hearing impairment and hearing devices prepared by the institute in Kannada language were released during the occasion. A variety of competitions

including Pick and Speak (for Kannadigas and non-Kannadigas), Quiz and Essay Writing (topic ಭ್ರಷ್ಟಾಚಾರ ನಿರ್ಮೂಲನೆಯಲ್ಲಿ ಯುವಕರ ಪಾತ್ರ OR ಇಂಥನ ಪ್ರಪಂಚದಲ್ಲಿ ಗಾಂಧೀಜಿಯವರ ಮೌಲ್ಯಗಳು) were also conducted to mark the event.

Cultural Competitions: Gymkhana organized intra-institute cultural competitions for its staff and student members on 1-10 February 2012. The members displayed their talents and creativity by enthusiastically participating in events such as Light Music, Salad Making, Chaat Making, Spot photography, Mehendi, Rangoli, Ikebana and Dance.

National Science Day: The national science day was celebrated at the institute on 28 February 2012, to commemorate the day on which Sir C.V.Raman discovered the Raman Effect. Dr. P. Nagabhushan, Professor in Computer Sciences, University of Mysore was the chief guest who delivered a lecture on Research Bent of Mind. Prizes were distributed to the winners of Elocution and Treasure Hunt competitions, on the occasion.

AIISH Aawaaz: The Gymkhana organized AIISH Aawaaz, the inter-collegiate cultural festival on 16-18 March 2012. The program was inaugurated by Dr. B.V. Rajaram,

Director, Rangayana, Mysore on 16 March. Popular singer Ms. Divya was the guest of honor. Hundreds of students from different colleges participated in the event and exhibited their cultural talents. The events and competitions included group dance, skit, pencil sketch, quiz; face painting, mock press, antakshari, dumb charades, verbattle, mehendi, spot photography and many others. Sri. Ravi Belagere, noted Kannada journalist, writer and actor, was the chief guest at the valedictory ceremony held on 18 March 2012. The AIISH students won the rolling trophy for best overall performance and variety entertainment and the JSS Institute of Speech and Hearing won the rolling trophy for the best fashion show.



Students' performance at AIISH AWAAZ

Science Exhibition: The institute participated in the Science Exhibition organized by the University of Mysore on 30-31 March 2012. The theme of the exhibition was 'Save the Earth'. The Departments of Audiology, Speech Language Pathology, Speech Language Sciences, Special Education, POCD, CREDEM and Clinical Services

participated in the science exhibition. Models, charts, brochures, public education materials, videos, and equipment were displayed for public education during the event.

B. National Service Scheme

The National Service Scheme (NSS) unit of the institute with 164 enrolled volunteers, rendered a variety of community services during the reporting year. The notable among them include the following:

Shramadan: With the objective of creating a plastic free environment, shramadan programs were conducted throughout the reporting year in different localities in Mysore. No plastic walks were organized and the volunteers made many areas in the localities plastic free. The public were also educated on the harm of plastic usage. In addition, the volunteers prepared paper bags out of waste newspapers and were sold to students, staff and other individuals interested.

Blood Donation Camp: A blood donation camp was organized on 26 August 2011. The camp was inaugurated by Dr.S.R.Savithri, Director of the institute. Fifty NSS volunteers donated their blood to the Blood Bank, Government Medical College Hospital, Mysore.

Nature Camp: Fifty NSS volunteers participated in a nature camp conducted in Shimoga district on 17-18 September 2011. The volunteers studied flora and fauna of the area.

Sports Competition: Inter-group sports competition was conducted among the four groups of NSS unit. Cricket, Lagori, Kabbadi and Tug of War were the main items of competition and they were held on 8 October 2011 and 3-4 March 2012.



Tug of war competition

Augmentative and Alternative Communication and Noise Awareness Campaign: The public were made aware of Augmentative and Alternative Communication (AAC) and noise pollution in October 2011 on the eve of Diwali celebrations and as October is observed as the International AAC awareness month. The volunteers visited various schools in the locality and educated the students and staffs about noise pollution and do's and don'ts. The teachers were also informed about the communication disorders and AAC

techniques available. They were encouraged to refer children with communication disorders to the institute.

Orphanage Visit: The NSS unit volunteers visited Ashadayaka Seva Trust Orphanage on 5 February 2012 and donation collected from the institute staff and students along with clothes and confectionaries were handed over to the trust officials.

Special Camp: A special camp was conducted at Muthurayaswamy Samudaya Bhavana, Mudumgere, Keelara, Mandya District on 4-11 March 2012. Dr. S. R. Savithri, Director inaugurated the camp on 4 March. Mr. Shambhu, Manager, Muthurayaswamy Samudaya Bhavana, Mudumgere and Dr. H. P. Manjula, Asst. Director, National Service and Sports Department, Mandya were the chief guests on the occasion. The volunteers carried out a door-to-door survey among the villagers on Speech and Hearing disorders. Families, schools and anganwadis in the locality were made aware of the communication disorders and the intervention facilities available. Totally 6184 villagers were surveyed by covering 1412 residences and 33 schools in the localities. The survey identified 121 persons with communication disorders who were referred to the

institute for further evaluation and treatment. Adventure sports and trekking were also organized as part of the camp. The valedictory function was held on 14 March. Mr. M. Srinivas, MLA, Mandya presided over the function and Mr. Puttegowda, President of Grama Panchayat, Keelara and Mrs. A.R.Sudha,

Vice-President, GramaPanchayat, Keelara were the chief guests.

Trekking: The unit organized a trekking to the mountain range of Kudremukh National Park, Chikkamagaluru district, Karnataka on 17-19 February 2012. Totally 37 volunteers participated in the expedition.

9 Other Activities and Events

The other major activities carried out, services rendered and events taken place during the reporting year are discussed in this chapter.

I. Clinical Observation Posting

The institute facilitated clinical observation posting for students in the area of communication disorders and

allied fields from other institutes in the country and abroad. One thousand one hundred and thirty students from 44 institutions across the country and abroad were posted for clinical observation in different clinical units and departments of the institute during the reporting year. The details are given in table 35.

Table 35: Clinical Observation Posting

Sl. No.	Institution	No. of Students
1	A.S.College of Engineering, Trivandrum, Kerala	03
2	Ashokrao Mane M.Ed College, Kolapur, Maharashtra	27
3	B.M Hospital, Mysore	64
4	College of Rural Home Sciences, Dharward	55
5	Cote d'Ivoire, Ivorian Coast	01
6	Dept. of Education, Mysore university, Mysore	03
7	Dept. of Physically Challenged & Sr. Citizens, Govt.of Karnataka.	14
8	Dept. of Psychology, Christ University, Bangalore	03
9	Dept. of Psychology, Mysore University	12
10	Dept. of Sociology, Mysore University	04
11	Devaraj URS Medical College, Davangere	04
12	DHLS Centres	46
13	Dr. A.V. Baliga Institute Brahmavar, Udupi	21
14	Education Block ,Mysore Rural	30
15	Indian Red Cross Society, Mysore	01
16	Information and Resource Centre, Bangalore	01
17	J.S.S College of Nursing, Mysore	38
18	JSS Medical College, Mysore	09
19	K.R.Hospital, Mysore	41
20	Kamakya School for Nursing, Mysore	16
21	Karnataka Institute of Medical Sciences, Hubli	06
22	Karnataka State Women's University, Bijapur	96
23	Kautilya Vidyalaya, Mysore	02
24	Kuvempu University, Shimoga	02
25	KVG Medical College, Sullia	02
26	Little Flower Convent Higher Secondary School, Chennai	47

27	M.L.M.N College of Teacher Education, Chikmanagalore	107
28	Monfort Centre for Education Tura, Meghalaya	32
29	Mother Teresa Nursing College, Mysore	16
30	Nalairaja School of Nursing, Mysore	41
31	Navis College of Education, Andhra Pradesh	21
32	Padmavathi Mahka Viswa Vidyalaya, Tirupathi, Andhra Pradesh	29
33	Perunthalavan Kamarajan Govt. College, Pondicherry	79
34	Ramya Architect College, Bangalore	02
35	Regional Institute of Education, Mysore	55
36	S.R.S D.Ed College, Pillekeranahally, Chitradurga	42
37	Sarvodaya College of Education, Virajpet, S. Coorg	32
38	Shri Gangdhareshwara D.Ed College, Gundalpet	30
39	SIBER School of Social Work, Kolhapur, Maharashtra	07
40	St. Agnes College, Magalore	12
41	Stell Maries College, Chennai	51
42	Surana PG Centre, Bangalore	03
43	V.H.D Home Science College, Bangalore	19
44	Vidya Vikas First Grade College, Mysore	04
Total		1130

II. Technological Consultancy Services

The department of Electronics is equipped with state-of the art equipments and expertise in the area of acoustic noise measurements. During the reporting year, the following consultancy services were carried out by the department.

- I) Ambient noise and reverberation time measurements for Sathya Sai Hospital, Bangalore.
- II) Calibration of BERA unit for M/s. MNE Technologies, Bangalore.
- III) Electro acoustic evaluation of 113 hearing aids and 8 SBC for the following agencies.
 - District Project Office, Sarva Siksha Abhiyan, Malappuram, Kerala

- District Rehabilitation Center, Chengalpet, Tamil Nadu
- Sarva Siksha Abhiyan, Kasargod, Kerala
- State Commissioner for Differently Abled, Chennai, Tamil Nadu.

III. Awards and Laurels

The staff and students were honored with a variety of awards and prizes during the reporting year, the details of which are given below.

Best Scientific Paper Presentation Awards

- Dr.S.R.Savithri, Director received Prof. Rais Ahmed Memorial Lecture Award at the National Symposium on Acoustics (NSA-2011), organized by Bundelkhand University, Jhansi on 17 November 2011.

- Dr. K.C. Shyamala, Professor & Head, Department of Speech Language Pathology received Dr. N. Ratna Oration Award at the 44th Indian Speech and Hearing Association Conference (ISHA-CON), organized by the University of Hyderabad, Hyderabad on 19 January 2012.



Dr. K.C Shyamala receiving Dr. N. Ratna Oration Award

- Dr. Pushpavathi, M., Navya, A., Sreedevi, N. & Dakshayani received Best Paper Award for the paper, Influence of Palatal Obturation on Acoustic Measures of Speech: A Case Study, at the 4th National Women's Science Congress, organized by the M.S. Ramaiah Institute of Technology, Bangalore on 7-9 November, 2011.
- Mr. Gopee Kishore Pebbli, Mr. Wishlee M, Mr. Jithin P. Jacob & Dr. Pushpavathi M, received Best Paper

Award for the paper Laryngeal Aerodynamic Analysis in Adult Indian population, at the International Symposium on Frontiers of Research on Speech and Music (FRSM), KIIT College of Engineering, Gurgaon, Haryana, 18-19 January 2012.

- Dr Uma Sarawathi received Best Paper Award for the paper Aadhunik Bhasha Paripreshya Mem Soochana Proudhyogiki (आधुनिक भाषा परीरेक्ष्य में सूचना प्रौद्योगिकी), at the Special Hindi Workshop and Symposium, organized by Rajbhasha Sansthan, New Delhi at Dalhousie, Himachal Pradesh on 9-11 November 2011.
- Ms. Srividya, M. S. & Savithri, S. R. received Best Paper Award for the paper, Formant Vectors of Long Vowels in Speaker Identification, at the Forensic Conference, at Mumbai in February, 2012.
- Mr. Jithin P. Jacob & Ms. Swathi C.S., 3rd B.Sc. (Sp. & Hg.) students received Manohar Memorial Award for Best Paper in Audiology for the paper Training Related Changes in the Efferent Auditory System, at the 44th Indian Speech and Hearing Association Conference (ISHA CON), organized by the University

of Hyderabad, Hyderabad on 20-22 January 2012.

- Ms. Sharanya R., Dr. Animesh Barman, Mr. Niraj Kumar Singh, & Mr. Sujeet Kumar Sinha received Muktesh Best Paper in Audiology for the paper Comprehensive Assessment of vestibular Functions in Individuals with Auditory Neuropathy at the 44th Indian Speech and Hearing Association Conference (ISHACON), organized by the University of Hyderabad, Hyderabad on 20-22 January 2012.



44th ISHA Conference best paper award winners

- Mr. Niraj Kumar Singh & Ms. Kumari Apeksha received Dr. M. Raghunathan Memorial Award for Best Paper in Audiology for the paper Effect of Rise/Fall Time on Vestibular Evoked Myogenic Potential Elicited by Short Tone Bursts of 500 Hz, at the 44th Indian Speech and Hearing Association Conference (ISHACON), organized by the University of Hyderabad, Hyderabad on 20-22 January 2012.

- Ms. Dhatri S Devaraju & Ms. Mamatha N.M. received Dr. N.R.Chaudhary Memorial Award for Best Poster in Audiology for the poster Development Changes in Co-Modulation Masking Release for Puretone: A Cross-sectional Study, at the 44th Indian Speech and Hearing Association Conference (ISHACON), organized by the University of Hyderabad, Hyderabad on 20-22 January 2012.
- Mr. Jithin P Jacob, Ms. Swathi, C.S. & Dr. Sandeep M. received Manorama Young Scientist Award for Best Paper in Audiology for the paper Training Related Changes in the Efferent Auditory System, at the 44th Indian Speech and Hearing Association Conference (ISHACON), organized by the University of Hyderabad, Hyderabad on 20-22 January 2012.

Doctoral Degree Awards

- Dr. Purusotham, P., Project Assistant, Department of Clinical Psychology, was awarded the degree of Doctor of Philosophy in Psychology by the University of Mysore, for the thesis Development of Correctional Strategies for Number Remediation in Pre and Primary School Children, under the guidance of Dr. Venkatesan, Professor in Clinical Psychology, AIISH.

- Mrs. Vasantha Lakshmi M. S., Lecturer in Statistics was awarded the degree of Doctor of Philosophy in Statistics by the University of Mysore for the thesis, Limit Theorems for Sums, Extremes and related Stochastic Processes under the guidance of Dr. Vasudeva, Professor in Statistics, University of Mysore.
- Mr.Varun Uthappa received Smt. Jayalakshamma Medal and Friends United Organization Endowment Scholarship for securing I rank in M.Sc. (Speech-Language Pathology) in June 2011 examinations.

Academic Ranks and Awards

- Mr.Varun Uthappa received P.D. Manohar Gold Medal for securing I rank in M.Sc. (Speech-Language Pathology) examination held by the University of Mysore in June 2011.
- Ms.Pragathi Rao received Arathi Venkataraman Gold Medal for securing I rank in M.Sc. (Audiology) examination held by the University of Mysore in June 2011.
- Ms.Lakshmi M.S. received Sri. D.K. Venkatesh Murthy Medal for securing I rank in B.Sc. (Speech & Hearing) examination held by the University of Mysore in May 2011.



Mr.Varun Uthappa and Ms. Pragathi Rao, the M.Sc. rank holders

- Ms. Gargi Singh received Abhilasha Award for Best Student Clinician in final M.Sc. for the year 2010-11.



Ms.Lakshmi M.S.receiving award for securing I rank in B.Sc.



Ms. Gargi Singh receiving Abhilasha Award for best student clinician

IV. Visit Abroad

1. Dr. S.R.Savithri, Director, attended India 2011, organized by Department of Electronics and Telecommunication, Norwegian University of Science and Technology (NTNU) at Trondheim, Norway on 5-10 October 2011.
2. Dr.Y.V.Geetha, Professor in Speech Sciences and Mrs. Sangeetha, M., Clinical Lecturer, attended 9th Oxford Dysfluency Conference, St. Catherine's

College, Oxford University, Oxford, UK, on 1-4 September 2011.

V. Distinguished Visitors

A large number of distinguished scholars in the field of communication disorders and allied fields, and distinguished personalities in public life both from India and abroad visited the institute during the reporting year. A few among them are given in table 36.

Table 36: Distinguished Visitors

Name	Designation	Date
Dr. Theresea Estrem	Associate Prof. St.Cloud State University, MN, USA.	12.05.11
Ms. Pushpalatha Chikkanna	Corporation Mayor, Mysore.	31.05.11
Dr. Ananthanarayan Krishnan	Professor, Hearing Science & Audiology, Purdue University, USA.	04.07.11
Dr. Vijayakumar	Deputy DGHS, Ministry of Health and Family Welfare, New Delhi.	05.07.11
Dr. Sian A. Rees	Director, Supporting Head Injured Pupils in School (SHIPS) Project, Bristol, UK.	21.07.11
Mrs. Shalini A	Professor of Audiology, Louisiana, USA.	26.07.11
Mr. K. Chandramouly IAS	Hon'ble Secretary, Ministry of Health and Family Welfare, Govt. of India, New Delhi.	09.08.11
Dr. K. S. Sriprakash	Vice Chancellor, RGUHS, Bangalore.	09.08.11
Dr. K.S. Rangappa	Vice-Chancellor, Karnataka State, Open University, Mysore.	09.08.11
Dr. G.Y. Nagaraja	Joint Director (HI), Karnataka Health System Development & Reform Project, K.R. Circle Bangalore.	09.08.11
Mr. G. Gourisankar	General Manager, BSNL, Mysore	09.08.11
Mr.Mahendra Singh	Deputy Secretary, Ministry of Health & Family Welfare, Govt. of India.	21.09.11
Dr. Shankarappa	District Adult Education Officer, Mysore	29.09.11

Mr. Pradhan P.K	Secretary, Health & Family Welfare, Ministry of Health & Family Welfare, Government of India, New Delhi	05.10.11
Mr. Keshav Desiraju	Additional Secretary, Ministry of Health and Family Welfare, Govt. of India, New Delhi.	12.10.11
Dr. S.Y Kothari	Additional Director General of Health Services, Govt. of India, New Delhi.	12.10.11
Ms. Laura Hill	Educationist, Australia.	25.10.11
Dr. Morag Clark	International Consultant, The AG Bell Academy for Listening and Spoken Language, USA.	18.11.11
Dr. Alexie Kochetov	Assistant Professor, University of Toronto.	08.12.11
Mr. S Gandhiselvan	Hon'ble Minister of State for Health and Family Welfare, Govt. of India, New Delhi.	23.01.12
Dr. Jerry Northern	Professor Emeritus, Audiology Clinical Services, School of Medicine, University of Colorado, USA.	27.01.12
Dr. Chandrasekhara Kambara	Kannada Writer and Gnanapeetha Awardee	28.01.12
Dr.-Ing. Hans Oswald	Director, Path Medical Audiological Equipment Company, Germany.	01.02.12
Dr. Vinod Nadig	Director, Advanced Bionics India (P) Ltd. Bangalore	01.02.12
Dr. B. D. Athani	Additional DGHS & Medical Superintendent, Safdarjung Hospital, New Delhi,	03.02.12
Mr. George	Clinical Specialist, Advanced Bionics Pvt. Ltd., South-India, Bangalore.	15.02.12
Mr. Ajimsha,	Clinical Manager, Advanced Bionics Pvt. Ltd., South-East Asia.	15.02.12
Dr. B. Rajashekar	Dean, Manipal College of Allied Health Sciences, Manipal.	15.03.12



Mr. S. Gandhiselvan, Minister of State for H & FW,
visiting the Department of Clinical Services

10 Implementation of Reservation Policy

The Institute being an autonomous body under the administrative control of Ministry of Health & Family Welfare, Govt. of India, the orders of Government providing reservations for Scheduled Castes and Scheduled Tribes in matters relating to recruitment and promotions are fully applicable.

Orders on other concessions such as age relaxation in recruitment and in payment of application fees, etc., are also extended to the candidates belonging to these categories in recruitment.

Further, the orders of Govt. of India providing for reservations to the candidates belonging to above mentioned categories in matters related to admission to various courses such as undergraduate, postgraduate, and diploma courses conducted by the Institute are implemented in toto. Further, the candidates belonging to these categories are being extended to the concessions in payment of fees as per Govt. of India, orders.

An officer belonging to Group 'A' is appointed as Liaison Officer to monitor, coordinate and to aid and advise Director in matters related to implementation of the reservation policy of Govt. of India

and also look into grievances from the employees belonging to these categories. The break-up of sanctioned strength filled up therein and the staff belonging to SCs and STs as on 31st March 2012 are given in table 37 and table 38

Table 37: Academic/Technical Positions

Group	Sanctioned Strength	In position	SCs & STs
Group A	52	44	SC-07 ST-03
Group B	56	52	SC-05 ST-03
Group C	24	21	SC-04 ST-01

Table 38: Nontechnical / Administrative Positions

Group	Sanctioned Strength	In position	SCs & STs
Group A	03	02	-
Group B	09	09	-
Group C	28	20	SC-04
Group C (MTS)	30	30	SC-10 (Incl. 4 sweepers) ST-01

Academic Activity: The number of scheduled caste and scheduled tribe students admitted to various academic programs offered by the institute during the reporting year are given in table 39.

Table 39: Students admitted

Courses	SCs	STs	Total
Undergraduate	10	4	14
Postgraduate	8	1	9
Diploma	1	0	1
Ph.D.	-	6	6
Total Admissions	19	11	30

Other Activities: The Academic staffs belonging to these categories were encouraged to participate in research activities and also to present papers in national/international seminars and to attend workshops, seminars, etc. They were also encouraged to publish their research papers in journals of repute.

APPENDIX-I

ADMINISTRATIVE BODIES

1. EXECUTIVE COUNCIL

- | | | |
|----|---|------------------|
| 1. | Shri Ghulam Nabi Azad
Hon'ble Minister for Health & Family Welfare
Government of India, Nirman Bhavan
New Delhi 110 108 | Chairperson |
| 2. | Shri Aravind Limbavali
Hon'ble Minister for Health & Family Welfare
Government of Karnataka, Vidhana Soudha
Bangalore 560 001 | Vice-Chairperson |
| 3. | Sri Pradhan
Secretary (Health & Family Welfare)
Government of India
Ministry of Health & Family Welfare
New Delhi 110 108 | Member |
| 4. | Dr. Jagadish Prasad
Director General of Health Services
Government of India
Ministry of Health and Family Welfare
New Delhi 110 108 | Member |
| 5. | Shri Keshav Desiraju
Special Secretary (H)
Government of India,
Ministry of Health and Family Welfare
New Delhi 110 108 | Member |
| 6. | Shri R K Jain
Additional Secretary and FA
Government of India
Department of Health & Family Welfare
New Delhi 110 108 | Member |
| 7. | Ms. Sujaya Krishnan
Joint Secretary
Government of India
Ministry of Health & Family Welfare
New Delhi - 110 108 | Member |

- | | | |
|-----|--|------------------|
| 8. | Dr. Arbind Prasad
Joint Secretary (DD)
Government of India
Ministry of Social Justice and Empowerment
New Delhi 110 001 | Member |
| 9. | Prof. V.G. Talawar
Vice-Chancellor
University of Mysore, Mysore 570 005 | Member |
| 10 | Dr. Ramana Reddy
Secretary (H)
Government of Karnataka
Department of Health and Family Welfare,
Multistoried Building, Bangalore 560 001 | Member |
| 11. | Dr. A.R. Aruna
Director of Medical Education
Government of Karnataka
Ananda Rao Circle, Bangalore 560 009 | Member |
| 12. | Nominee of Chairman, EC | |
| 13. | Nominee of Chairman, EC | |
| 14. | Nominee of Chairman, EC | |
| 15. | Nominee of the Director
All India Institute of Speech and Hearing
Mysore - 570 006 | |
| 16. | Dr. S.R.Savithri
Director
All India Institute of Speech and Hearing
Mysore - 570 006 | Member Secretary |

2. FINANCE COMMITTEE

- | | | |
|----|---|-------------|
| 1. | Shri Keshav Desiraju, IAS
Additional Secretary (H)
Government of India
Ministry of Health & Family Welfare
Nirman Bhavan, New Delhi - 110 108 | Chairperson |
|----|---|-------------|

- | | | |
|----|--|------------------|
| 2. | The Director General of Health Services
(or his nominee)
Ministry of Health & Family Welfare
Nirman Bhavan, New Delhi - 110 108 | Member |
| 3. | Shri R.K. Jain, IAS
Additional Secretary (FA)
Government of India
Ministry of Health & Family Welfare
Nirman Bhavan, New Delhi - 110 108 | Member |
| 4. | Ms. Sujaya Krishnan, IAS
Joint Secretary (H)
Government of India
Ministry of Health & Family Welfare
Nirman Bhavan, New Delhi - 110 108 | Member |
| 5. | Dr. I V Ramana Reddy
Secretary (Health & Family Welfare)
Government of Karnataka
Department of Health and Family Welfare
Bangalore - 560 001 | Member |
| 6. | Dr. S.R. Savithri
Director
All India Institute of Speech and Hearing
Manasagangothri, Mysore - 570 006 | Member Secretary |

3. ACADEMIC COMMITTEE

- | | | |
|----|--|----------|
| 1. | Shri J. Shashidhar Prasad
Ex-Vice Chancellor &
Professor of Physics
University of Mysore, 49/2, 5th Main 3rd Block
Jayalakshmi Puram, Mysore 570 012 | Chairman |
| 2. | The Deputy Director General (M)
Directorate General of Health Services
Government of India
Nirman Bhavan, New Delhi 110108 | Member |

3.	The Director Medical Education Government of Karnataka Bangalore 560 009	Member
4.	Nominee of Vice-Chancellor University of Mysore Mysore 570 005	Member
5.	Dr. A.K. Agarwal Dean & Director, MAMC Additional Director General Government of India O/o the DGHS, Nirman Bhavan New Delhi 110 108	Member
6.	Three Heads of Departments of AIISH, Mysore (on rotation every 2 years)	Members
7.	Prof. H.A. Ranganath Director, NAAC Jnanabharathi Campus, Bangalore	Member
8.	Dr. H. Sudarshan VGKK, 686, 16th Main, 4th T Block, Jayanagar, Bangalore 570 041	Member
9.	Dr. S R Savithri Director All India Institute of Speech and Hearing Mysore 570 006	Member Secretary

APPENDIX II

FINANCIAL STATEMENTS AND AUDIT REPORT

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Balance Sheet as at 31st March 2012

Liabilities	Amount					
	Current Year		Previous Year			
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Capital Fund						
Balance as on 1.4.2011	96,85,65,776.18					
LESS: Assets written off during the year	15,59,730.48					
	96,70,06,045.70					
ADD : Transfer of institute's contribution and interest credited to Contributory Pension Fund in respect of employees resigned	1,06,910.00					
ADD : Amount transferred from Income and Expenditure account	10,81,76,591.50					
Closing balance			1,07,52,89,547.20		96,85,65,776.18	
Funds (Schedule-A)			19,89,59,762.07		15,67,26,095.83	
Deposits and advances of outside parties (Schedule-B)			83,80,727.00		62,15,606.00	
Remittances account (Schedule-C)			3,89,301.09		2,40,609.09	
Other liabilities (Schedule-D)			1,20,74,789.00		97,43,479.00	
Sponsored programmes and other schemes (Schedule-E)			3,27,88,617.62		2,47,82,315.77	
ADIP Scheme (GOI, Ministry of Social Justice and Empowerment (Sch J)			1,55,70,021.36		21,84,966.36	
Total			1,34,34,52,765.34		1,16,84,58,848.23	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Balance Sheet as at 31st March 2012

Assets	Amount					
	Current year		Previous year			
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Fixed and other assets (Schedule-F)			63,57,96,132.61		57,41,24,378.59	
Advances to staff (Schedule-G)			15,48,111.00		9,47,281.00	
Sundry debtors for deposits and advances (Schedule-H)			37,37,31,493.09		19,01,43,379.91	
Investments (Schedule-I)			18,48,05,000.00		14,97,55,000.00	
Grand in aid due account			0.00		11,69,38,743.00	
ADIP Scheme (GOI, Ministry of Social Justice and Empowerment (Schedule - J)			1,55,70,021.36		21,84,966.36	
Closing balance: Cash on hand	49,153.87					
Cash at Bank: BOB SB A/c. 664	13,12,85,943.41					
Amount due from ADIP Scheme	6,66,910.00		13,20,02,007.28		13,43,65,099.37	
Total			1,34,34,52,765.34		1,16,84,58,848.23	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Income and Expenditure Account for the year ended 31st March 2012

Sl. No.	Expenditure	Non-plan		Plan		Total		Previous year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Salaries and allowances (Annexure-2)	5,26,23,370.00		3,50,84,603.00		8,77,07,973.00		7,62,55,320.00	
	ADD: Outstanding	49,79,021.00		34,04,761.00		83,83,782.00		77,25,911.00	
2.	Stipend /Fellowship : Actuals	55,43,992.00		64,468.00		56,08,460.00		47,01,200.00	
	ADD: Outstanding	7,54,325.00		9,464.00		7,63,789.00		5,26,201.00	
3.	Travelling allowances :	5,87,672.00		3,31,623.00		9,19,295.00		11,54,971.00	
4.	Leave Salary and Pension Contribution to Deputationist	8,535.00		0.00		8,535.00		84,713.00	
5.	Institute's Contribution to Funds:								
a)	Contributory Provident Fund	27,368.00		0.00		27,368.00		26,568.00	
b)	AIISH Pension Fund	23,10,000.00		0.00		23,10,000.00		24,33,000.00	
c)	Contributory Pension Fund Tier-I	9,58,022.00		13,50,076.00		23,08,098.00		17,59,992.00	
d)	Internal Revenue transferred to AIISH Pension Fund	3,63,79,542.24		0.00		3,63,79,542.24		2,81,68,325.43	
6.	Interest on Funds:								
a)	Contributory Provident fund	37,969.00		0.00		37,969.00		30,817.00	
b)	General Provident Fund	25,16,522.00		0.00		25,16,522.00		21,09,779.00	
c)	Contributory Pension Fund Tier I	4,63,286.00		3,90,792.00		8,54,078.00		4,83,368.00	
7.	Professional service:	3,48,478.00		21,900.00		3,70,378.00		3,42,600.00	
8.	Other charges (Annexure-3): Actuals	2,22,64,858.50		2,19,35,828.00		4,42,00,686.50		4,30,97,301.46	
	ADD: Outstanding	10,34,964.00		16,23,931.00		26,58,895.00		12,23,044.00	
9.	Contribution to AIISH Research Fund	0.00		2,00,00,000.00		2,00,00,000.00		2,00,00,000.00	
10.	Contributions to Clients Welfare Fund	0.00		25,00,000.00		25,00,000.00		25,00,000.00	
11.	Grants in aid to DHLS Programme	0.00		3,65,902.00		3,65,902.00		9,752.00	
12.	Grant in aid to Karuna Trust	0.00		4,98,000.00		4,98,000.00		5,46,000.00	
	Total	13,08,37,924.74		8,75,81,348.00*		21,84,19,272.74		19,31,78,862.89	

*Includes recurring expenditure on salaries of staff and other expenses for implementation of 27% OBC reservation


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Income and Expenditure Account for the year ended 31st March 2012

Income	Non-plan		Plan		Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Grant-in-aid from GOI, Min. of H & FW - received during the year	10,52,16,322.00		0.00		10,52,16,322.00			
Plan-Recurring grant in aid - general	0.00		14,53,38,743.00		14,53,38,743.00			
Plan-for creation of capital assets-New			15,66,00,000.00		15,66,00,000.00			
	10,52,16,322.00		30,19,38,743.00		40,71,55,065.00			
LESS: grants sanctioned for the year 2010-11 received after 31.3.2011								
Plan-Recurring grant in aid - general	0.00		4,03,38,743.00		4,03,38,743.00			
Plan-for creation of capital assets-New	0.00		7,66,00,000.00		7,66,00,000.00			
Total	10,52,16,322.00		18,50,00,000.00		29,02,16,322.00		36,44,48,743.00	
LESS: Amount transferred to capital fund	1,07,57,939.50		9,74,18,652.00		10,81,76,591.50		19,99,67,079.57	
Amount of revenue expenditure out of grant	9,44,58,382.50		8,75,81,348.00		18,20,39,730.50		16,44,81,663.43	
Internal revenue and other receipts (Annexure I)	3,63,79,542.24		0.00		3,63,79,542.24		2,81,68,325.43	
Refund of unspent balance from DHLS Centre, Delhi							5,28,874.03	
Total	13,08,37,924.74		8,75,81,348.00		21,84,19,272.74		19,31,78,862.89	

(Signature)
Accounts Officer

(Signature)
Admn. Officer

(Signature)
Director

For P. S & Co.,
Chartered Accountants

(Signature)
(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Receipts and Payments Account for the year ended 31st March 2012

Receipts	Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.
Opening balance: Cash on hand	43,403.52			
Cash at Bank: BOB SB A/c. 664	13,38,27,524.85			
Amount due from ADIP Scheme	4,94,171.00		13,43,65,099.37	8,41,79,739.17
1. Grant in aid from Ministry of Health & F.W				
a) Non-Plan	10,52,16,322.00			
b) Plan-Recurring grant in aid - general	14,53,38,743.00			
c) Plan-for creation of capital assets-New	15,66,00,000.00		40,71,55,065.00	25,48,78,000.00
2. Other receipts towards:				
a) Internal revenue and other receipts (Annexure I)	3,63,79,542.24		2,81,68,325.43	
b) Refund of unspent balance from DHLS Centre, Delhi	0.00		5,28,874.03	
c) Remittances (Annexure 4)	1,08,57,325.40		97,50,992.20	
d) Sponsored Programmes and other schemes (Schedule E)	2,49,86,241.85		2,37,32,613.00	
e) Recoveries (Schedule F)	3,44,724.00		96,298.00	
f) Funds (Schedule A)	2,86,24,645.00		2,37,34,679.00	
g) Deposits and Advances of Outside Parties (Schedule B)	38,61,761.00		31,64,919.00	
h) Advances to staff (Schedule G)	12,80,667.00		13,77,961.00	
i) Sundry Debtors for Deposits and advances (Schedule H)	23,83,96,369.25		13,55,29,111.00	
j) Investments (Schedule I)	50,00,000.00		3,00,00,000.00	
k) Capital Fund - Transfers from Contributory Pension Fund - Tier I in respect of resigned employees	1,06,910.00		0.00	
Total	89,13,58,350.11		59,51,41,511.83	

(Signature)
Accounts Officer

(Signature)
Admn. Officer

(Signature)
Director

For P. S & Co.,
Chartered Accountants

(Signature)
(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Receipts and Payments Account for the year ended 31st March 2012

Payments	Non-plan		Plan		Current Year		Previous Year	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
A. RECURRING EXPENDITURE								
1. Salaries and allowances (Annexure-2)	5,26,23,370.00		3,50,84,603.00		8,77,07,973.00		7,62,55,320.00	
2. Stipend / Fellowship	55,43,992.00		64,468.00		56,08,460.00		47,01,200.00	
3.Travelling allowance	5,87,672.00		3,31,623.00		9,19,295.00		11,54,971.00	
4.Leave salary and pension contribution to deputationist	8,535.00		0.00		8,535.00		84,713.00	
5.Institute's Contribution to Funds								
a) Contributory Provident Fund	27,368.00		0.00		27,368.00		26,568.00	
b) AIISH Pension Fund	23,10,000.00		0.00		23,10,000.00		24,33,000.00	
c) Contributory Pension Fund Tier -I	9,58,022.00		13,50,076.00		23,08,098.00		17,59,992.00	
6.Interest on Funds								
a) Contributory Provident Fund	37,969.00		0.00		37,969.00		30,817.00	
b) General Provident Fund	25,16,522.00		0.00		25,16,522.00		21,09,779.00	
c) Contributory Pension Fund Tier -I	4,63,286.00		3,90,792.00		8,54,078.00		4,83,368.00	
7.Professional Services	3,48,478.00		21,900.00		3,70,378.00		3,42,600.00	
8.Other charges (Annexure-3)	2,22,64,858.50		2,19,35,828.00		4,42,00,686.50		4,30,97,301.46	
9.Contribution to AIISH Research Fund	0.00		2,00,00,000.00		2,00,00,000.00		2,00,00,000.00	
10.Contributions to Clients Welfare Fund	0.00		25,00,000.00		25,00,000.00		25,00,000.00	
11.Grants in aid to DHLS Programme (outside centres)	0.00		3,65,902.00		3,65,902.00		9,752.00	
12.Grant in aid to Karuna Trust	0.00		4,98,000.00		4,98,000.00		5,46,000.00	
B. NON-RECURRING EXPENDITURE								
1.Other Liabilities (Schedule - D)	63,74,225.00		31,00,931.00		94,75,156.00		69,43,684.00	
2.Fixed and other assets/gift equipment (Schedule - F)			5,94,53,660.50		5,94,53,660.50		6,13,30,406.00	
3.Funds (Schedule - A)					2,27,70,521.00		1,78,33,410.00	
4.Deposits and advances of outside parties (Schedule - B)					16,96,640.00		30,74,448.00	
5.Remittances and other accounts (Annexure - 4)					1,07,08,633.40		97,11,515.20	
6.Sponsored programmes and other scheme (Schedule - E)					1,69,79,940.00		1,12,51,695.05	
7.Advances to staff (Schedule - G)					18,81,497.00		14,80,325.00	
8.Deposits/Advance to contractors/suppliers (Schedule - H)					42,61,07,030.43		16,36,15,547.75	
9.Investment (Schedule - I)					4,00,50,000.00		3,00,00,000.00	
Total	9,40,64,297.50		14,50,97,783.50		75,93,56,342.83		46,07,76,412.46	
Closing balance: Cash on Hand	49,153.87							
Cash at Bank: BOB SB A/c. 176	13,12,85,943.41							
Due from ADIP Scheme	6,66,910.00				13,20,02,007.28		13,43,65,099.37	
Total					89,13,58,350.11		59,51,41,511.83	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants


(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

Details of Internal Revenue 2011-12

Sl. No.	Head of Account	Credits/Receipts	
		Rs.	Ps.
1.	Admission fee(H)	18,845.00	
2.	Admission fee(I)	56,41,401.00	
3.	Admission Fee(preschool)	10,200.00	
4.	Application fees	6,23,095.00	
5.	Auction proceeds	84,856.00	
6.	Certificate Fee(C)	4,33,320.00	
7.	Certificate Fee(S)	4,71,032.00	
8.	Certificate for parents	8,100.00	
9.	Cochlear Implants	90,500.00	
10.	Dharmashala charges	2,36,578.00	
11.	Depreciation charges	8,820.00	
12.	Email/internet fee/Computer fees	2,89,345.00	
13.	Establishment Charges	3,30,750.00	
14.	Guest House rent	2,23,215.00	
15.	Hostels rent	1,58,760.00	
16.	Infrastructure assistance(ADIP)	1,84,470.00	
17.	Interest on advances	68,199.00	
18.	Interest on investment of GPF/CPF	21,92,899.12	
19.	Interest on HBA	16,680.00	
20.	Interest on investments	1,67,32,288.00	
21.	Interest of SB A/c-	29,51,537.00	
22.	Interest on Contribution Pension Fund Bank a/c	6,42,230.12	
23.	Laboratory facility	5,22,600.00	
24.	Library Membership/card fee	1,79,625.00	
25.	Licence fee	2,31,454.00	
26.	Miscellaneous Income	13,50,601.00	
27.	Orientation/short term course fee	17,500.00	
28.	Registration fee	4,81,900.00	
29.	Sale of journal/syllabus/prospectus	2,11,744.00	
30.	Sanitary charges	22,050.00	
31.	Technical consultancy services	10,033.00	
32.	Tender form fee	73,126.00	
33.	Therapy charges	4,36,652.00	
34.	Tuition fee	3,27,550.00	
35.	Vehicle hire charges	925.00	
36.	Water/cleaning charges(qrts)	28,515.00	
37.	Rent of Xerox room	17,250.00	
38.	Consumable Earmould	6,24,996.00	
39.	Consumable spares	2,40,358.00	
40.	Sale of Hearing aids	1,78,293.00	
41.	Summer camp	7,250.00	
Total		3,63,79,542.24	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Annexure - 2

Details of Salaries and Allowances 2011-12

Sl. No.	Particulars	Non-Plan		Plan		Total	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Children educational assistance	4,48,174.00		0.00		4,48,174.00	
2.	Leave Travel Concession	7,19,820.00		0.00		7,19,820.00	
3.	Medical charges	6,55,830.00		0.00		6,55,830.00	
4.	Salaries Establishment	2,68,92,952.00		0.00		2,68,92,952.00	
5.	Salaries Officers	2,67,80,201.00		3,81,76,058.00		6,49,56,259.00	
6.	EL Encashment - Establishment	11,33,066.00		0.00		11,33,066.00	
7.	EL Encashment - Officers	6,27,783.00		0.00		6,27,783.00	
	Total	5,72,57,826.00		3,81,76,058.00		9,54,33,884.00	
	(-) Outstanding expenses 2010-11	46,34,456.00		30,91,455.00		77,25,911.00	
	Total	5,26,23,370.00		3,50,84,603.00		8,77,07,973.00	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

Details of Other Charges 2011-12

Sl. No.	Particulars	Non-Plan		Plan		Total	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Advertisement	23,12,449.00		15,92,938.00		39,05,387.00	
2.	Affiliation Fees	5,37,530.00		2,52,400.00		7,89,930.00	
3.	Anniversary expenses	2,63,192.00		0.00		2,63,192.00	
4.	Audit fees	8,824.00		0.00		8,824.00	
5.	Camp Expenditure	40,742.00		0.00		40,742.00	
6.	Consumable (EM)	16,38,773.00		0.00		16,38,773.00	
7.	Consumables (General)	14,82,586.50		22,85,735.50		37,68,322.00	
8.	Consumable(Spares)	1,50,711.00		0.00		1,50,711.00	
9.	Contingences	5,06,547.50		6,78,133.00		11,84,680.50	
10.	Development of campus	0.00		9,99,136.00		9,99,136.00	
11.	Electricity charges	38,27,246.00		0.00		38,27,246.00	
12.	Entertainment	48,219.00		0.00		48,219.00	
13.	Grant in aid to AIISH Gymkhana	50,000.00		0.00		50,000.00	
14.	ISDN Connectivity charges	0.00		71,21,492.00		71,21,492.00	
15.	Legal charges	1,57,120.00		0.00		1,57,120.00	
16.	Liveries and Linen	5,663.00		0.00		5,663.00	
17.	Maintenance of Building(Civil)	5,05,657.00		3,41,209.00		8,46,866.00	
18.	Maintenance of Building(Electrical)	2,96,013.00		3,37,675.00		6,33,688.00	
19.	Maintenance of Furniture	1,43,218.00		0.00		1,43,218.00	
20.	Maintenance of Garden	63,624.00		0.00		63,624.00	
21.	Maintenance of Guest House	7,143.00		0.00		7,143.00	
22.	Maintenance of TE/OE	13,43,812.00		34,68,937.00		48,12,749.00	
23.	Maintenance of Vehicle	2,22,292.00		0.00		2,22,292.00	
24.	Open Day Celebrations	0.00		1,02,769.00		1,02,769.00	
25.	Postage and Telegram	1,61,797.00		0.00		1,61,797.00	
26.	Printing and Stationery	14,36,721.50		12,73,751.00		27,10,472.50	
27.	Public education & publicity information	0.00		14,91,660.00		14,91,660.00	
28.	Rent/rates/taxes	50,339.00		0.00		50,339.00	
29.	Seminar/Symposia/Workshop	0.00		5,79,648.50		5,79,648.50	
30.	Short term course fees	0.00		1,395.00		1,395.00	
31.	Spares & Accessories	0.00		14,08,949.00		14,08,949.00	
32.	Subscription to Journals/periodicals	52,553.00		0.00		52,553.00	
33.	Subsidy to canteen	5,87,730.00		0.00		5,87,730.00	
34.	Summer camp	62,984.00		0.00		62,984.00	
35.	Telephone charges/fax charges	3,03,875.00		0.00		3,03,875.00	
36.	VIPs/Dignatories a/c	27,628.00		0.00		27,628.00	
37.	Water charges	21,012.00		0.00		21,012.00	
38.	Wages	69,98,132.00		0.00		69,98,132.00	
39.	Xerox charges	67,360.00		0.00		67,360.00	
40.	Teaching aids (consumables)	36,409.00		0.00		36,409.00	
41.	Maintenance of Library	70,000.00		0.00		70,000.00	
		2,34,87,902.50		2,19,35,828.00		4,54,23,730.50	
	LESS: Outstanding liability 2010-11	12,23,044.00		0.00		12,23,044.00	
	Total	2,22,64,858.50		2,19,35,828.00		4,42,00,686.50	


Accounts Officer


Admin. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Annexure - 4

Details of Remittances and Other Accounts 2011-12

Sl. No.	Details	Payments		Receipts	
		Rs.	Ps.	Rs.	Ps.
1.	AIISH Staff club/Gymkhana	1,74,845.00		1,74,795.00	
2.	Awards	8,130.00		10,296.00	
3.	Bank Loan	12,000.00		12,000.00	
4.	CTD/RD/CD recoveries	1,38,160.00		1,38,160.00	
5.	Court Attachment	23,908.00		23,908.00	
6.	CGEIS/CGHS/GIS	2,880.00		2,880.00	
7.	Examination fee (UOM)	5,63,445.00		4,51,995.00	
8.	Examination remuneration	62,228.00		63,956.00	
9.	GPF/CPF Deputationist	12,000.00		12,000.00	
10.	GSLIS	2,04,931.00		2,20,085.00	
11.	Housing Loan recoveries(others)	4,52,484.00		4,52,484.00	
12.	Income tax	37,54,248.00		37,54,248.00	
13.	KGID	12,000.00		12,000.00	
14.	Labour Cess	51,629.00		51,629.00	
15.	LIC Premium	23,50,468.40		23,50,468.40	
16.	NSS	39,225.00		40,233.00	
17.	Communal Harmony Fund	15,600.00		9,020.00	
18.	Professional Tax	7,47,800.00		7,47,800.00	
19.	Sales Tax	3,98,953.00		4,55,170.00	
20.	Suspense account	1,85,111.00		2,11,359.00	
21.	University of Mysore	14,71,105.00		14,71,105.00	
22.	Unassessed dues	15,000.00		1,79,251.00	
23.	Royalty	10,283.00		10,283.00	
24.	RCI Registration Diploma	2,200.00		2,200.00	
Total		1,07,08,633.40		1,08,57,325.40	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants


(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Funds 2011-12

Schedule - A

Particulars	Contributory Provident Fund		General Provident Fund		Pension Fund		New Pension Fund - T1		Total	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Opening Balance as on 1.4.2011	4,52,087.00		3,03,73,678.00		11,71,60,576.83		87,39,754.00		15,67,26,095.83	
Receipts during the year :										
Subscriptions/recoveries	75,639.00		1,19,23,598.00		0.00		23,18,514.00		1,43,17,751.00	
Institutes contributions	27,368.00		0.00		23,10,000.00		23,08,098.00		47,20,977.00	
Pro-rata Pension contribution received from AYJNIHH in respect of former Director	0.00		0.00		75,511.00		0.00		0.00	
Interest on subscription	5,323.00		25,16,522.00		0.00		4,27,039.00		29,48,884.00	
Interest on contribution	32,646.00		0.00		0.00		4,27,039.00		4,59,685.00	
Interest on investment	0.00		0.00		61,77,348.00		0.00		61,77,348.00	
Amount transferred from Internal revenue	0.00		0.00		3,63,79,542.24		0.00		3,63,79,542.24	
Total Receipts	1,40,976.00		1,44,40,120.00		4,49,42,401.24		54,80,690.00		6,50,04,187.24	
Payments during the year:										
Final payments/withdrawals/advances/	33,078.00		88,81,850.00		0.00		1,01,790.00		90,16,718.00	
Payment of Gratuity	0.00		0.00		30,52,118.00		0.00		30,52,118.00	
Pension/Family Pension	0.00		0.00		87,70,928.00		0.00		87,70,928.00	
Commuted value of Pension	0.00		0.00		18,23,847.00		0.00		18,23,847.00	
Transfer of institute's contribution and interest credited to Contributory Pension Fund in respect of employees resigned	0.00		0.00		0.00		1,06,910.00		1,06,910.00	
Total Payments	33,078.00		88,81,850.00		1,36,46,893.00		2,08,700.00		2,27,70,521.00	
Closing balance as on 31.3.2012	5,59,985.00		3,59,31,948.00		14,84,56,085.07		1,40,11,744.00		19,89,59,762.07	

W. V. Vaidya
Accounts Officer

S. Srinivasa
Admn. Officer

Srinivas SR.
Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

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ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - B

Deposits and Advances of Outside Parties 2011-12

Sl. No.	Particulars	Opening balance as on 1.4.2011		Receipts		Payments		Closing Balance as on 31.03.2012	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Caution Money Deposit	18,42,500.00		7,76,000.00		5,75,000.00		20,43,500.00	
2.	Contractors Security Deposit	30,55,582.00		12,61,065.00		8,83,143.00		34,33,504.00	
3.	Earnest Money Deposit	11,96,725.00		17,74,696.00		2,38,497.00		27,32,924.00	
4.	Endowment	1,20,799.00		50,000.00		0.00		1,70,799.00	
	Total	62,15,606.00		38,61,761.00		16,96,640.00		83,80,727.00	

W. V. Vaidya
Accounts Officer

S. Srinivasa
Admn. Officer

Srinivas SR.
Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule – C

Remittance Due 2011-12

Sl. No.	Particulars	Closing Balance	
		Rs.	Ps.
1.	Awards	18,779.09	
2.	Examination remuneration	1,728.00	
3.	Examination fee	985.00	
4.	GSLIS	15,154.00	
5.	NSS	4,815.00	
6.	Sales Tax	56,605.00	
7.	Suspense account	91,034.00	
8.	University of Mysore	-5,050.00	
9.	Un-assessed dues	2,05,251.00	
	Total	3,89,301.09	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule – D

Other Liabilities 2011-12

Sl. No.	Particulars	Opening balance		(-) Debit		(+) Credit		Closing balance	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
	Non-plan								
1.	Salaries and allowances	46,34,456.00		46,34,456.00		49,79,021.00		49,79,021.00	
2.	Stipend/Fellowship	5,16,725.00		5,16,725.00		7,54,325.00		7,54,325.00	
3.	Other charges	14,91,367.00		12,23,044.00		10,34,964.00		13,03,287.00	
	Total Non-plan	66,42,548.00		63,74,225.00		67,68,310.00		70,36,633.00	
	Plan								
1.	Salaries & allowances	30,91,455.00		30,91,455.00		34,04,761.00		34,04,761.00	
2.	Stipend	9,476.00		9,476.00		9,464.00		9,464.00	
3.	Other charges	0.00		0.00		16,23,931.00		16,23,931.00	
	Total Plan	31,00,931.00		31,00,931.00		50,38,156.00		50,38,156.00	
	Total Liability	97,43,479.00		94,75,156.00		1,18,06,466.00		1,20,74,789.00	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

Sponsored Programmes and Other Schemes 2011-12

Sl. No.	Particulars	Opening Balance		Receipts		Payments		Closing Balance	
		Rs.	Ps	Rs.	Ps	Rs.	Ps	Rs.	Ps
Sponsored Programmes									
1.	Project-Development of FM Hearing aid		0.00	1,23,314.85		0.00		1,23,314.85	
2.	Master's Trainer Programme S.S.A		38,700.00		0.00	0.00		38,700.00	
3.	DST Project -FIST PROGRAM		-3,07,639.00		0.00	0.00		-3,07,639.00	
4.	DRC Project		0.00	1,98,064.00		0.00		1,98,064.00	
5.	CME Programme from MCI		37,398.00		0.00	0.00		37,398.00	
6.	National Seminar on Vocal Function-ICMR		-370.00		0.00	0.00		-370.00	
7.	Project on Design & Development of Speech Enhancer-Biomedical Technology		1,16,568.00		0.00	1,16,568.00		0.00	
8.	SSA Programme-Sesitizing teachers on academic problems		-7,29,022.00		0.00	15,68,256.00		-22,97,278.00	
9.	RCI Meet of All India Course coordinators		76,809.00		0.00	0.00		76,809.00	
10.	DST Project-Development of Speech Rytham in Kannada speaking children		5,81,275.00		0.00	3,84,725.00		1,96,550.00	
11.	DST Project- Brain Organization in Normative Multilingualism		1,74,063.00		3,76,110.00	1,78,303.00		3,71,870.00	
12.	RCI Grant-Impact Evaluation of Training courses in Rehabilitation		1,05,610.00		0.00	1,17,580.00		-11,970.00	
13.	DST Project-Cortical Auditory Evoked Potentials as a measure of central auditory development in children with hearing impairment		0.00	10,73,600.00		79,200.00		9,94,400.00	
14.	NPPCD Programme(Govt. of Karnataka)		0.00	93,816.00		93,816.00		0.00	
15.	SSA Programme - Lakshadweep			1,15,434.00		32,784.00		82,650.00	
16.	Orientation Program RTFDCS Fellowship -Dr.Mobio			1,00,000.00		56,500.00		43,500.00	
17.	DST Project-Development of Manual for Adult Non-fluent			3,50,000.00		0.00		3,50,000.00	
Other Programmes									
1.	AIISH Research Fund		1,69,91,197.47	2,00,04,028.00		1,41,69,099.00		2,28,26,126.47	
2.	Camp Organisers A/c		32,616.00		0.00	32,616.00		0.00	
3.	Patient Welfare Fund		76,61,753.30	25,51,875.00		1,50,493.00		1,00,63,135.30	
4.	National Programme for prevention of deafness 07-08		3,357.00		0.00	0.00		3,357.00	
Total			2,47,82,315.77	2,49,86,241.85		1,69,79,940.00		3,27,88,617.62	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - F

Fixed and Other Assets 2011-12

Sl. No.	Particulars	Balance as on 1.4.2011		Plan Actuals		Outstanding Liabilities 2011-12		Recoveries/ Transfers Written off		Balance as on 31.3.2012	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Buildings and other works										
	a) Completed buildings	16,22,81,434.44		**6,81,47,615.00		0.00		0.00		23,04,29,049.44	
	b) Work in progress	7,00,57,306.00		51,29,514.00		0.00		*6,17,65,681.00		1,34,21,139.00	
2.	Furniture and Fixtures	3,79,25,730.45		30,10,957.00		0.00		^1,07,315.38		4,08,29,372.07	
3.	Building Fixtures	23,22,114.00		1,50,744.00		0.00		^4,350.00		24,68,508.00	
4.	Garden Equipment	77,739.32		0.00		0.00		^581.69		77,157.63	
5.	Library and documentation	3,30,83,553.90		91,59,239.00		0.00		#4,40,500.00		4,18,02,292.90	
6.	Digitalization of library	8,41,490.00		0.00		0.00		0.00		8,41,490.00	
7.	Vehicles	0.00		0.00		0.00		0.00		0.00	
	a) Car	4,00,619.00		0.00		0.00		0.00		4,00,619.00	
	b) Omni Bus	8,39,973.00		0.00		0.00		0.00		8,39,973.00	
	c) Mobile Unit	26,06,432.90		0.00		0.00		0.00		26,06,432.90	
8.	Office equipment	1,17,78,156.54		4,08,319.00		0.00		^1,56,236.04		1,20,30,239.50	
9.	Technical equipment	24,12,67,290.78		3,83,30,245.50		0.00		^11,51,177.01		27,84,46,359.27	
10.	Gifted equipment	95,75,704.57		0.00		0.00		0.00		95,75,704.57	
11.	Sundry assets	0.00		0.00		0.00		0.00		0.00	
	a) Hostel utensils	3,86,431.49		54,940.00		0.00		^4,500.00		4,36,871.49	
	b) Teaching aids	6,80,402.20		9,50,316.00		0.00		^39,794.36		15,90,923.84	
	Total	57,41,24,378.59		12,53,41,889.50		0.00		6,36,70,135.48		63,57,96,132.61	

* Indicates transfer to completed building ** Includes Transfers from work in progress Rs. 6,17,65,681 & transfers from deposit work Rs.41,22,548 # Includes recoveries Rs.3,44,724.00 and written off Rs 95,776 .00 ^ written off 14,63,954..48


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

Statement showing details of works in progress as on 31.3.2012

Major works in progress (PLAN)

Major works in progress (PLAIN)									
Sl. No.	Particulars	Opening Balance as on 1.4.2011		Expenditure 2011-12				Closing balance as on 31.3.2012	
				Additions		Transferred to completed building			
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
	Construction of Ladies Hostel								
1.	New Ladies Hostel- civil work	1,65,72,200.00		0.00		1,65,72,200.00		0.00	
2.	New Ladies Hostel- Electrical work	26,34,054.00		0.00		26,34,054.00		0.00	
	Developmental works to Ladies Hostel								
3.	Peripheral drain all round the existing Ladies Hostel	6,73,012.00		0.00		6,73,012.00		0.00	
4.	Retaining wall and compound grill to the existing Ladies Hostel	3,89,302.00		0.00		3,89,302.00		0.00	
5.	External water supply and sanitation	9,35,606.00		0.00		9,35,606.00		0.00	
6.	Building models	36,000.00		0.00		36,000.00		0.00	
7.	Networking & telephone cabling to new Ladies Hostel	4,74,580.00		0.00		0.00		4,74,580.00	
8.	Covering below toilet sinks in Ladies hostel dining hall	22,800.00		0.00		22,800.00		0.00	
9.	Power supply for Lift- Ladies Hostel	21,920.00		0.00		0.00		21,920.00	
10.	Construction of washing platform & storage tank	54,259.00		0.00		54,259.00		0.00	
11.	Providing & fixing MS Railing to staircase of LH	2,93,769.00		0.00		2,93,769.00		0.00	
12.	Commissioning and erection of Lift	7,82,040.00		0.00		7,82,040.00		0.00	
13.	Net working cabling to New Ladies Hostel	0.00		23,81,586.00		0.00		23,81,586.00	
	Extension of Existing Ladies Hostel								
14.	Connecting corridor & Stair case Head Room	4,83,009.00		0.00		4,83,009.00		0.00	
15.	Development work for providing PVC water tank	1,41,750.00		0.00		1,41,750.00		0.00	
16.	Development work - Existing Ladies Hostel Toilets	8,97,261.00		0.00		8,97,261.00		0.00	
17.	Developmental work for existing Ladies Hostel	12,73,973.00		0.00		12,73,973.00		0.00	
18.	Providing New flooring tiles to existing Ladies Hostel	8,36,483.00		0.00		8,36,483.00		0.00	
19.	Providing Electrification & fixtures to existing Ladies Hostel Toilets	6,47,843.00		0.00		0.00		6,47,843.00	
20.	Water Proofing & PVC Lines for existing Ladies Hostel	5,03,571.00		0.00		5,03,571.00		0.00	
21.	Network cabling for II floor of extension of Ladies Hostel	59,553.00		0.00		0.00		59,553.00	
22.	Electrical developmental work	5,30,349.00		0.00		0.00		5,30,349.00	
	Construction of Administrative Block								
23.	Administrative block-Civil works	1,13,83,279.00		0.00		1,13,83,279.00		0.00	
24.	Administrative block-Professional services	1,00,800.00		0.00		1,00,800.00		0.00	
25.	Administrative block-Electrical work	12,99,251.00		0.00		0.00		12,99,251.00	
	Developmental work Administrative block								
26.	RCC External Drain	7,20,938.00		0.00		7,20,938.00		0.00	
27.	Providing & fixing MS railing for parapet & courtyard-	2,52,518.00		0.00		2,52,518.00		0.00	
28.	False ceiling Director Chamber	1,04,830.00		0.00		1,04,830.00		0.00	
29.	Grill work & door for electrical panel room	18,209.00		0.00		18,209.00		0.00	
30.	Providing submersible horizontal mono block pump set	1,23,750.00		0.00		0.00		1,23,750.00	
31.	Building models	39,700.00		0.00		39,700.00		0.00	
32.	UG sump & ultra tile flooring	1,81,171.00		0.00		1,81,171.00		0.00	
33.	Skylight over courtyard	1,22,267.00		0.00		1,22,267.00		0.00	
34.	Showcase & covering below toilet sinks	54,000.00		0.00		54,000.00		0.00	
35.	Computer Networking	5,03,318.00		0.00		0.00		5,03,318.00	
36.	Wooden flooring to Board room	2,32,931.00		0.00		2,32,931.00		0.00	
37.	Providing Sun control film ground floor	13,982.00		0.00		13,982.00		0.00	
38.	Wooden cupboard below granite plat form	17,172.00		0.00		17,172.00		0.00	
39.	Commissioning and erection of Lift	7,82,040.00		0.00		7,82,040.00		0.00	
	Construction of Academic Block								
40.	Academic Block- Civil works	1,47,52,682.00		0.00		1,47,52,682.00		0.00	
41.	Academic Block- Professional services	1,40,580.00		0.00		1,40,580.00		0.00	
42.	Academic block-Electrical work	16,54,332.00		0.00		0.00		16,54,332.00	
	Developmental work Academic block								
43.	RCC External Drain	7,80,318.00		0.00		7,80,318.00		0.00	
44.	Providing & fixing MS railing for parapet & courtyard	4,05,215.00		0.00		4,05,215.00		0.00	
45.	Construction of underground Sump	1,42,248.00		0.00		1,42,248.00		0.00	
46.	False ceiling-conference room	1,69,274.00		0.00		1,69,274.00		0.00	

contd...

Sl. No.	Particulars	Opening Balance as on 1.4.2011		Expenditure 2011-12				Closing balance as on 31.3.2012	
		Rs.	Ps.	Additions		Transferred to completed building		Rs.	Ps.
47.	Computer networking and cabling	2,94,502.00			0.00		0.00	2,94,502.00	
48.	Showcase & covering below toilet sinks	88,200.00			0.00		88,200.00		0.00
49.	Grill work & door for electrical panel room below staircase at academic block	23,923.00			0.00		23,923.00		0.00
50.	Construction & formation of Macadam road in front of Academic block	1,79,349.00			0.00		1,79,349.00		0.00
51.	Chejja covering over emergency exit Conference hall	25,980.00			0.00		25,980.00		0.00
52.	Building models	39,700.00			0.00		39,700.00		0.00
53.	Providing Sun control film ground floor	9,717.00			0.00		9,717.00		0.00
54.	Commissioning and erection of Lift	7,29,120.00			0.00		7,29,120.00		0.00
	Others								
55.	Construction of parking garage near L.H.	3,20,061.00			0.00		3,20,061.00		0.00
56.	Providing and fixing MS grill partition at Clinical Services Building	10,694.00			0.00		10,694.00		0.00
57.	Networking to Clinical services Building	2,64,643.00			0.00		0.00	2,64,643.00	
58.	Providing and laying burnt stone slab path near Library building and academic block	17,00,342.00			0.00		17,00,342.00		0.00
59.	Electrical wiring to AC at Director's residence	15,875.00			0.00		0.00	15,875.00	
60.	Terrace Structural PVC Sheet Shelter at Department of Special Education		0.00	12,07,854.00			0.00		12,07,854.00
	Total	6,59,60,245.00		35,89,440.00		6,00,70,329.00		94,79,356.00	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

Statement showing details of works in progress as on 31.3.2012
Minor works in progress (PLAN)

Sl. No.	Particulars	Opening Balance as on 1.4.2011		Expenditure 2011-12				Closing balance as on 31.3.2012	
				Additions		Transferred to completed building			
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Construction of compound wall adjacent to Ladies hostel	2,40,791.00			0.00	2,40,791.00			0.00
2.	Sound Proof room for electronics department (near old medical records)	6,09,478.00			0.00		0.00	6,09,478.00	
3.	Formation of mecadam road to generator house	70,107.00			0.00	70,107.00			0.00
4.	Installation of 7.5KVA diesel generator near guest house -	2,36,770.00			0.00		0.00	2,36,770.00	
5.	Providing accommodation to inmates of gents hostel	1,51,716.00			0.00	1,51,716.00			0.00
6.	Construction of Septic tank and Soakpit at Panchavati Complex	1,62,538.00			0.00	1,62,538.00			0.00
7.	Fixing of electrical geyser and motor to Gents hostel near Clinical services building	60,222.00			0.00		0.00	60,222.00	
8.	Providing and fixing MS grill partition to sit outs of Ground floor of Ladies Hostel	73,347.00			0.00	73,347.00			0.00
9.	Providing and fixing MS grill to I floor balcony of Ladies Hostel	59,400.00			0.00	59,400.00			0.00
10.	Providing and fixing grill for curtain wall glazing at I floor New administrative block	92,422.00			0.00	92,422.00			0.00
11.	Providing and fixing grill for curtain wall glazing at II floor New administrative block	91,282.00			0.00	91,282.00			0.00
12.	Providing and fixing tiles flooring to D type quarters	3,35,176.00			0.00	3,35,176.00			0.00
13.	Providing and fixing bar bending wiring to therapy park	84,567.00			0.00	84,567.00			0.00
14.	Providing and fixing of Teak wood half glazed shutters at Special education class rooms	2,27,392.00			0.00	2,27,392.00			0.00
15.	Providing electrification and AC to New Sound Proof Room At Dept of Speech Language Sciences	1,94,699.00			0.00		0.00	1,94,699.00	
16.	Construction of platform for audiometric portable chamber	84,734.00			0.00	84,734.00			0.00
17.	Construction of brick masonary walls above platform to support FRP body	21,880.00			0.00	21,880.00			0.00
18.	Developmental work at New Gents Hostel								
a)	Plumbing work for solar installation at new gents hostel	59,443.00			0.00		0.00	59,443.00	
b)	Supply and installation of bore well pump	56,070.00			0.00		0.00	56,070.00	
19.	Construction of psychoacoustic lab at I floor of old admin block	2,40,274.00			0.00		0.00	2,40,274.00	
20.	Developmental work at International Guest House								
a)	Developmental work	54,150.00			0.00		0.00	54,150.00	
b)	Power point to Kitchen	58,453.00			0.00		0.00	58,453.00	
21.	Providing water supply and UG drainage facility at New Gents Hostel/VIP guest house	8,32,150.00			0.00		0.00	8,32,150.00	
22.	Construction of toilets for lady workers of ladies hostel	0.00		90,726.00		0.00		90,726.00	
23.	Electrification work for providing focus lights to institute main gate	0.00		81,625.00		0.00		81,625.00	
24.	Supply, installation, commissioning & testing of LT outdoor Kiosk	0.00		78,750.00		0.00		78,750.00	
25.	Repairing/renovating sound proofing of Neuropsychology anti room at Psychology department	0.00		3,25,470.00		0.00		3,25,470.00	
26.	Providing and Laying water proofing Yelahanka Tiles to the terrance of old boys hostel	0.00		5,13,718.00		0.00		5,13,718.00	
27.	Providing Sound Proofing to Neuro Psychology Assessment & Counseling room at Psychology department	0.00		4,49,785.00		0.00		4,49,785.00	
Total		40,97,061.00		15,40,074.00		16,95,352.00		39,41,783.00	

(Signature)
Accounts Officer

(Signature)
Admn. Officer

(Signature)
Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - G

Advances to Staff 2011-12

Sl. No.	Particulars	Balance as on 1.4.2011		Additions / Debits		Recoveries / Credits		Balance as on 31.3.2012	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
A. INTEREST BEARING ADVANCES									
1.	Cycle Advance	13,000.00		3,000.00		13,100.00		2,900.00	
2.	House Building Advance	66,673.00		0.00		11,916.00		54,757.00	
3.	Motor Car Advance	2,96,800.00		0.00		19,200.00		2,77,600.00	
4.	Scooter Advance	2,90,620.00		4,50,770.00		2,24,940.00		5,16,450.00	
5.	Personal Computer Advance	0.00		1,50,000.00		9,900.00		1,40,100.00	
B. INTEREST FREE ADVANCES									
1.	Festival Advance	55,950.00		1,95,600.00		1,75,200.00		76,350.00	
2.	LTC Advance	75,400.00		6,50,600.00		5,99,700.00		1,26,300.00	
3.	Medical Advance	31,455.00		1,74,227.00		21,445.00		1,84,237.00	
4.	TA Advance	1,17,383.00		2,57,300.00		2,05,266.00		1,69,417.00	
	Total	9,47,281.00		18,81,497.00		12,80,667.00		15,48,111.00	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - H

Sundry Debtors for Deposits and Advances 2011-12

Sl. No.	Particulars	Opening Balance as on 1.4.2011		Debits / Payments		Credits / Withdrawals		Closing Balance as on 31.3.2012	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
A. Permanent									
1.	Karnataka Power Transmission Corporation Ltd., (3MMD)	4,97,340.00		0.00		0.00		4,97,340.00	
2.	Telephone - Department of Telecommunication (BSNL)	49,300.00		5,000.00		0.00		54,300.00	
3.	M/s. Little Gas Co. Kitchen equipment system	23,500.00		0.00		0.00		23,500.00	
4.	KPTCL/MESCOM/CHESCOM	2,98,583.00		1,99,713.00		0.00		4,98,296.00	
B. Temporary									
1.	Deputy Controller of Accounts, Dept. of Supplies	3,693.11		0.00		0.00		3,693.11	
2.	SB A/c No.675 with Bank of Baroda – Pension Fund	1,39,92,251.40		3,67,31,184.43		4,36,46,893.00		70,76,542.83	
3.	SB A/c No.518 with Bank of Baroda – Contributory Pension Fund	37,39,754.00		72,48,274.00		3,30,362.00		1,06,57,666.00	
4.	Advances - Supplies	1,19,64,505.40		1,78,80,332.00		2,37,40,053.25		61,04,784.15	
5.	Short-term fixed deposit with Bank	5,00,00,000.00		25,00,00,000.00		15,00,00,000.00		15,00,00,000.00	
6.	Loan with AIISH Departmental Canteen	43,688.00				18,000.00		25,688.00	
7.	SB A/c No.651 with Bank of Baroda – GPF /CPF	1,11,85,765.00		1,74,75,777.00		1,93,09,609.00		93,51,933.00	
8.	Deposit with CPWD	9,83,45,000.00		9,65,66,750.00		54,74,000.00*		18,94,37,750.00	
	Total	19,01,43,379.91		42,61,07,030.43		24,25,18,917.25		37,37,31,493.09	

*Includes refund of Rs.13, 51,452 and Rs.41, 22,548 transferred to completed building


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - I

		Investments 2011-12					
Sl. No.	Particulars	Balance as on 01.04.2011	Additions / Payments	Realizations / Receipts	Balance as on 31.3.2012		
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.		
A. Contributory / General Provident Fund							
1.	Government Securities	1,40,000.00	0.00	0.00	1,40,000.00		
2.	8%Taxable Relief Bonds 2003	95,00,000.00	0.00	0.00	95,00,000.00		
3.	Fixed deposits with Bank of Baroda	75,00,000.00	1,00,00,000.00	0.00	1,75,00,000.00		
4.	Fixed deposits with Syndicate Bank	25,00,000.00	0.00	25,00,000.00	0.00		
B. Pension Fund:-							
1.	Deposit with Bank of Baroda	3,00,00,000.00	3,75,00,000.00	0.00	6,75,00,000.00		
2.	8%Taxable Relief Bonds 2003	3,00,00,000.00	0.00	75,00,000.00	2,25,00,000.00		
3.	Fixed deposits with Punjab & Sind Bank	1,50,00,000.00	0.00	0.00	1,50,00,000.00		
C. Contributory Pension Fund							
1.	Fixed deposits with Bank of Baroda	25,00,000.00	0.00	0.00	25,00,000.00		
2.	Fixed deposits with Syndicate Bank	25,00,000.00	0.00	25,00,000.00	0.00		
D. Others:							
1.	Fixed deposit with Bank of Baroda	5,00,00,000.00	0.00	0.00	5,00,00,000.00		
E. Endowment Funds:-							
1.	Fixed deposit with Bank of Baroda:	0.00	0.00	0.00	0.0		
	a) Mother of the year award: Dr.Prathibha Karanth	10,000.00	0.00	0.00	10,000.00		
	b)Award for academics-Dr.Venkatesh murthy	50,000.00	0.00	0.00	50,000.00		
	c)Abhilash award: Smt.Indira Kumari	5,000.00	0.00	0.00	5,000.00		
	d)Scholarship Award for MSC Highest Marks-Friends United Organisation	50,000.00	0.00	0.00	50,000.00		
	e)Dr.Vijayalakshmi Basavaraj Memorial Society for MSC Highest Marks	0.00	50,000.00	0.00	50,000.00		
Total		14,97,55,000.00	4,75,50,000.00*	1,25,00,000.00*	18,48,05,000.00		

*Includes Rs.75,00,000 .00 Contra being the rectification entry.


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

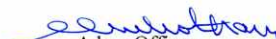
ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - J

**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Balance Sheet as at 31st March 2012**

Balance sheet as at 31 March 2012											
Liabilities		Amount				Assets	Amount				
		Current Year		Previous Year			Current Year		Previous Year		
Capital Fund	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.
Opening Balance	16,90,795.36						Closing stock of hearing aids	2,73,210.00		15,48,610.00	
LESS: Discrepancies in the Closing Stock of 2010-11	1,96,989.00						Closing stock of Solar Batteries	65,664.00		4,13,820.00	
	14,93,806.36										
ADD: Amount transferred from Income & expenditure a/c	1,34,09,305.00		1,49,03,111.36		16,90,795.36		Cash at Bank	1,52,31,147.36		2,22,536.36	
Amount due to AIISH			6,66,910.00		4,94,171.00						
Total			1,55,70,021.36		21,84,966.36		Total	1,55,70,021.36		21,84,966.36	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Income and Expenditure account for the year ended 31st March 2012

Schedule J-1

Expenditure	Amount						Income	Amount					
			Current Year		Previous Year					Current Year		Previous Year	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.		
Expenditure on purchase of hearing aids and solar batteries							Grants from Ministry of Social Justice and Empowerment			1,50,00,000.00			0.00
Opening stock	19,62,430.00												
LESS: Discrepancies in closing stock 2011-12	1,96,989.00	17,65,441.00					Interest on S.B.A/c.			8,611.00			54,395.00
ADD: Purchases 2011-12		0.00											
		17,65,441.00					Sale of Hearing aids			12,679.00			16,273.00
LESS: Closing Stock		3,38,874.00	14,26,567.00	36,26,936.00									
Fitment charges			1,84,470.00	5,14,910.00			Excess of expenditure over income transferred to balance sheet			0.00		40,72,172.00	
Contingencies			0.00	0.00									
Travelling allowance			948.00	994.00									
Excess of income over expenditure transferred to balance sheet			1,34,09,305.00	0.00									
Total			1,50,21,290.00	41,42,840.00			Total			1,50,21,290.00			41,42,840.00

B. V. Narasimha
Accounts Officer

Srinivasan S.R.
Admn. Officer

Srinivasan S.R.
Director

For P. S & Co.,
Chartered Accountants
(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Receipts and Payments account for the year ended 31st March 2012

Schedule J-2

Receipts and Payments account for the year ended 31 March 2012											
Receipts		Amount				Payments		Amount			
		Current year		Previous year				Current Year		Previous Year	
		Rs.	Ps.	Rs.	Ps.			Rs.	Ps.	Rs.	Ps.
Opening Balance :						Purchase of Hearing Aids			0.00	17,66,500.00	
SB A/c. with Bank	2,22,536.36					Purchase of Solar Batteries			0.00	2,74,275.00	
LESS: Amount due to AIISH	4,94,171.00					Infrastructural assistance & fitment charges			1,84,470.00	5,14,910.00	
		- 2,71,634.64		22,14,376.36		Travelling allowance			948.00	994.00	
Grants from Ministry of Social Justice and Empowerment, GOI		1,50,00,000.00		0.00		Closing Balance :					
Sale of Hearing aids		12,679.00		16,273.00		SB A/c. with Bank	1,52,31,147.36				
Interest S.B. A/c		8,611.00		54,395.00		LESS: Amount due to AIISH	6,66,910.00	1,45,64,237.36		-271634.64	
Total		1,47,49,655.36		22,85,044.36		Total		1,47,49,655.36		22,85,044.36	

B. V. Narasimha
Accounts Officer

Srinivasan S.R.
Admn. Officer

Srinivasan S.R.
Director

For P. S & Co.,
Chartered Accountants
(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

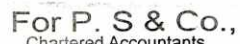
SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF ANNUAL ACCOUNTS

1. Fixed assets : Fixed assets are shown at Historical cost and no depreciation is being provided, as replacement grants are provided by the Ministry under Plan grant.
2. Investments are stated at cost
3. Receipts and Payment accounts are recorded on actual cash accounting basis
4. Income and Expenditure account is exhibited on accrual accounting basis.
5. General: Accounting policies not specifically referred to conform to the requirements of generally accepted accounting principles and practices.


Accounts Officer


Admn. Officer


Director


For P. S & Co.,
Chartered Accountants


(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

P Srinivasa

B.Com. LL.B., F.C.A

P.S & Co.,

Chartered Accountants

#190/1, First Floor,

Dewan's Road, Mysore 570 024

Phone : 9590909011

M : 9448207011

E-mail: psandco@rediffmail.com

AUDITOR'S REPORT

THE MEMBERS

ALL INDIA INSTITUTE OF SPEECH AND HEARING
MYSORE

We have audited the attached Balance sheet of **ALL INDIA INSTITUTE OF SPEECH AND HEARING** as on 31st March 2012 and the Income and Expenditure Account for the year ended that date. These financial statements are the responsibility of the society's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statements presentation. We believe that our audit provides a reasonable basis of our opinion.

Further to the above, we report that:

- 1) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- 2) The Balance Sheet and Income and Expenditure Account dealt with by this report, are in agreement with the books of accounts maintained by the Institute.



3) In our opinion and to the best of our information and according to the explanations given to us, the said accounts subject to the observations set out in the Annexure, annexed hereto, which is an integral part of this report, give a true and fair view:

- i. In the case of the Balance Sheet, of the state of affairs of the society as at 31st March 2012, and;
- ii. In the case of the Income and Expenditure Account of the Excess of Income over Expenditure of the Society for the year ended 31st March 2012.

Place: Mysore
Date: 29-07-2012

For P.S. & CO.
Chartered Accountants

(P. Srinivasa)
Proprietor



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006
Replies to observations of Audit on the Accounts of the Institute
for the year ended 31.3.2012

Sl. No.	Observations of the Chartered Accountants	Replies
1.	The institute has not provided depreciation in respect of its fixed assets for the year.	A policy decision will be taken for providing depreciation after ascertaining the procedure followed in other government institutions. However, the fact that the fixed assets are shown at historical cost and no depreciation is being provided as replacement grants are provided by the Ministry has been indicated under significant accounting policies forming part of accounts
2.	From last 2 years a sum of Rs. 58,89,916.00 as Major Work-in-Progress and a sum of Rs. 24,01,709.00 as Minor Work-in-Progress is shown under Fixed Asset Schedule as on 31.03.2010 (Schedule F1 & F2) is still shown as Work-in-Progress as on 31.03.2012. Though the work is completed the same has not been transferred to Building Account since the Completion Report is not received.	An amount of Rs. 6,17,65,681.00 has already been transferred during 2011-12 and the balance of Rs.82,91,625.00 will be transferred to completed buildings immediately on receipt of completion reports from the competent authority.
3.	Though the system of Accounting of Institute is Cash Basis, the grants are accounted on Accrual Basis rather than on receipt basis.	As per the terms and conditions of grant in aid sanctioned by the Ministry, an utilization certificate is required to be sent indicating the unspent balance of grants considering the accrued expenditure at the end of the financial year. Accordingly, reflection made is in order and also in accordance with GFR and practice in vogue at the institute.
4.	A party wise Contractors & Sub-contractors account has not been prepared.	This will be looked into
5.	Some Sponsored programs (Schedule – E) are showing Debit Balance	This will be reviewed and immediate necessary action will be taken.


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002497 S

APPENDIX III

ORGANIZATIONAL CHART

