

ALL INDIA INSTITUTE OF SPEECH AND HEARING

MANASAGANGOTRI, MYSORE 570 006

ANNUAL REPORT 2008-2009

Communication is the essence of life. Speech, Language and Hearing are involved rigorously in any communication around us. Those deprived of these abilities in whatever form are at a loss affecting their life both quantitatively and qualitatively. The All India Institute of Speech and Hearing (AIISH) has been striving to promote effective communication by one and all. The multidisciplinary and well coordinated team at AIISH has been providing services, training man power, conducting research besides implementing strategies for public education on communication disorders focusing on their prevention, identification, assessment and management.

The All India Institute of Speech and Hearing that was established on the 9th of August 1965 is a premier institution in the country focused on communication and its disorders. In the last 44 years, the institute has grown from its infancy to adulthood in form as well as function. The vision of the institute is met with some of the major objectives of AIISH which include:

- Manpower generation in the field of speech, language and hearing.
- Conducting research both in the areas of basic sciences of speech, language and hearing as well as in the areas of its application for effective communication.
- Providing clinical services to persons with communication disorders along with developing modules for providing services at different levels in the society.
- Striving towards implementing strategies for prevention (be it primary, secondary, tertiary) of communication disorders.
- Public education towards identifying communication disorders in the community.
- Development of materials for better public awareness and education on or about communication disorders in their prevention and management.

Highlights of the year 2008-09

- **Proposal for upgradation of AIISH as a Super Specialty Center of Excellence**

Although the field of Speech-Language Pathology and Audiology as a profession has its roots in other medical and non medical fields, it has grown as an independent profession. The professionals qualified as Speech-Language Pathologists and Audiologists are involved in the rehabilitation of individuals with communication disorders (hearing, speech and language disorders). Successful delivery of services to persons with communication disorders is however a multidisciplinary issue. The country needs qualified and trained manpower in this multidisciplinary amalgamation in different tiers to cater to specific needs of persons with communication disorders of all ages.

There are more than 43 institutions in the country which are actively involved in the generation of trained manpower in the field of communication disorders, offering courses varying from certificate level courses to doctoral degrees. Yet, it has remained evidently insufficient when it comes to the issue of addressing the thrust areas and needs of persons with communication disorders. The reasons from amongst the major ones include *brain drain, inadequate number of trained professionals within the country, high concentration in urban areas resulting in very little or poor representation in the rural areas and other factors.*

There is scarcity of master trainers (teachers) to train manpower in India. In the last 44 years, the institute has trained around 2435 manpower in the area of speech, language and hearing. Of these, 753 are post-graduate students and 44 are Ph.Ds.

Hence the institute submitted a proposal for the “Up-gradation of the All India Institute of Speech & Hearing as a *Super Specialty Centre of Excellence*” to create a variety of manpower to cater to the needs of persons with communication disorders, utilizing all possible modes of education and training to the Ministry of Health and Family Welfare, Government of India. This proposal was developed considering the recommendations of several stakeholders of the institute, namely the multidisciplinary professionals dealing with communications disorders; the NGOs; the beneficiaries of the institute; and the Alumni of AIISH, obtained through a series of brainstorming meetings held for the purpose.

Ministry of Health & Family Welfare constituted a committee to examine the feasibility of upgradation of AIISH. The committee chaired by Dr. R. K. Srivastava, DGHS, Ministry of Health & Family Welfare that met on 27th June 2008 reviewed the activities of AIISH and recommended submission of a detailed proposal approving the background papers prepared by the institute.

Based on the background papers prepared and suggestions of the committees, a proposal for upgradation of the AIISH, Mysore was prepared and submitted. The Ministry is now looking into this proposal.

- **Implementation of ‘Oversight Committee’ recommendations of OBC reservations**

Consequent to Supreme Court judgment and as per the directions issued by the Ministry of Human Resource Development, Government of India for implementation of 27% reservation to OBC candidates in the admission to professional courses run by the institutions, action has been initiated to provide reservation to the students belonging to OBC category for the academic year 2008-09. The seats for each course conducted at the institute were increased to accommodate this reservation. Accordingly, 9 students in undergraduate (UG) and 18 students in Postgraduate (PG) (9 Audiology & 9 Speech-Language Pathology respectively) were given admission in the reporting academic year.

A proposal to create additional faculty and technical staff along with additional infrastructure was submitted to Ministry of Health and Family Welfare for consideration.

- **Proposal for ‘Deemed to be university’ status to UGC**

A detailed proposal for ‘Deemed to be university’ status to the institute was prepared and submitted to the Ministry of Health and Family Welfare for approval and recommendations. The same was forwarded by the Ministry of Health and Family Welfare to the Ministry of Human Resource Development by the Ministry itself, which in turn has forwarded to UGC for the needful.

- **The 52nd Executive Council of the institute approved the following:**

- a. Thirty six seats each in M.Sc (Audiology) and M.Sc (SLP) with stipulated proportion of reservations.
- b. Enhancement of Junior Research Fellowship to be at par with that of assistantships given to full time Ph.D students at IITs.
- c. The post-doctoral fellowship to be at 25% over and above the Junior Research Fellowship.
- d. The Non-faculty members to register for Ph.D.
- e. Accept the donation amount from the “Friends” United Organization Endowment Scholarship to stipulated category of student every year.

ACADEMIC ACTIVITIES

In line with the objective of the institute to generate manpower, the institute conducted 13 long term training programs. Theoretical, practical and clinical training was imparted to the trainees using state-of-the-art technology by a highly qualified team of staff.

New Academic Programs

- **Launch of two PG diploma programs**

P.G. Diploma in Forensic Speech Sciences and Technology and P.G. Diploma in Clinical Linguistics for Speech-Language Pathologists were launched with the affiliation University of Mysore. P.G. Diploma in Forensic Speech Sciences and Technology intends to train professionals in the area of speaker identification which would be



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applicable in forensic sciences. This credit based self financed trimester program was initiated with two students. The P.G. Diploma in Clinical Linguistics for Speech-Language Pathologists intends to equip the speech-language pathologists to assess, diagnose, plan intervention and conduct research programs for communication disorders in the Indian language context. Though

it was launched it could not be initiated because there were no student takers. These are the first courses of their kind in India.

- **Diploma in Hearing, Language and Speech: Launch of six additional study centers**

To hasten the rate of manpower development in the area of Speech and Hearing and to support the National Program of Prevention and Control of Deafness (NPPCD) of Government of India in the country, **The Diploma in Hearing Language and Speech (DHLS) (through distance mode)** was conceived in the year 2007-08 with five



study centers at Mysore, Delhi, Puducherry, Mumbai and Imphal. In the year 2008-09 the program was further expanded by starting 6 additional study centers viz. at Indira Gandhi Medical College, **Shimla**, Chathrapati Sahuji Maharaj Medical University, **Lucknow**, Jawaharlal Nehru Medical College, **Ajmer**, Rajasthan, S.C.B. Medical College, **Cuttack**, Orissa, Rajendra Medical Sciences, **Ranchi**, Jharkhand and N.S.C.B Medical College, **Jabalpur**, Madhya Pradesh, thus totaling it to eleven study centers. The plan to impart the theory part of the program through terrestrial linked videoconferencing facility from AIISH, Mysore and to impart clinical training at the eleven study centers which was approved both by the Ministry of Health & Family Welfare as well as by RCI was implemented smoothly for the second year as well. A total of 211 students enrolled in these centers.

- **Diploma in Teaching the Young Hearing Impaired (DTYHI)**

This program which was launched in the reporting year is approved by the RCI. This diploma program helps in generation of manpower which will cater to the needs of children with hearing impairment below 3 years of age and their caregivers. The students will be provided with in-depth theoretical knowledge and hands on skill training for the identification and basic

rehabilitation of the communicatively handicapped. The report year had eight admissions for this course.

New admissions

- **Graduate and Post graduate program**

B.Sc (Speech and Hearing) continued to be the well sought after professional program in the country. Around 418 applications were received from students from various parts of India and abroad. National level entrance examinations were conducted for admission to B.Sc (Speech and Hearing), M.Sc (Speech-Language Pathology) and M.Sc (Audiology) programs. 247 students appeared for the B.Sc (Speech and Hearing) entrance examination conducted at Delhi, Kolkata, Guwahati, Mumbai, Chennai and Mysore. The entrance examinations for M.Sc were conducted at Mysore and 155 & 147 students appeared for M.Sc Speech-Language Pathology & Audiology entrance examinations, respectively. The institute received 349 applications and succeeded in filling up 100% seats in M.Sc (Speech-Language Pathology) and M.Sc (Audiology). However, the enrollment in M.S.Ed (HI) and Diploma in Hearing Aid and Ear mould Technology was rather poor, with 5 and 4 of the 20 seats respectively. 27% OBC reservation was implemented in the current year filling up a total of an additional 27 seats in UG and PG courses.

- **Doctoral program**

Seven doctoral students were awarded the doctoral degree. Three students submitted their thesis for award of degree. Two new students were awarded Junior Research Fellowship to pursue Ph.D. In total, there were 13 full time junior research fellows (JRFs) and one part time doctoral candidate, who were pursuing their Ph.D at the institute in the report year.



- **Post Doctoral Program**

To meet the demands for research in the field of speech, language and hearing, the institute introduced two Post-Doctoral Fellowships in the area of speech, language and hearing from the year 2007-08. Though it did not have any takers last year, this fellowship is open to all those who have required qualification and flair for research in the area of speech, language and hearing.

Other Programs

- *Certificate Course for Caregivers of Children with Developmental Communication Disabilities (C4D2)*

was launched in the year 2007–08 and 5 batches of caregivers (95 students) completed the C4D2 course which the study material was developed. During the year, two contact programs were conducted for parent participants.



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- **Launch of a New Department**

The new department of *Centre Rehabilitation Education through Distance Mode (CREDM)* was inaugurated by Anbumani Ramdoss, Hon'ble Union Minister for Health and Family Welfare on 5th Jan 2009. This department seeks to reach clinical and supportive services



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those who cannot come to Mysore. E-learning packages covering all types of communication disorders and live demonstrations of assessment and intervention techniques for the caregivers / clients with communication disorders is being prepared.

- Prof. Asha Yathiraj, HOD-Audiology, AIISH conducted a part of the Continuing Education Program (CEP) on 'Central Auditory Processing Disorders' at the 41st ISHACON 2009 at Pune (Indian Speech and Hearing Association conference).
- Prof. R. Manjula, HOD-POCD and Dr. P. Manjula, Reader-Audiology visited Disabilities Studies Department, Faculty of Medicine, University of Kelaniya, Colombo, Sri Lanka as examiners and to develop curriculum for the speech and hearing course there.
- Prof. Shyamala, K.C HOD-DMD conducted a course on 'Bilingual Aphasia' for European Masters program in Clinical Linguistics (EMCL) program from May to July 2008 at Potsdam, Germany.

Short Term Training Programs

The institute continued to offer short term training programs for speech, language and hearing as well as allied professionals and target groups. **Twenty five** such programs were organized in the reporting year targeting speech, language and hearing professionals, clinical psychologists, ENT specialists, and special educators. Some of the areas covered were diagnostic and therapeutic procedures, acoustic measurement, instrumentation in speech-language sciences, clinical counseling and cognitive behavior therapy.

Staff enrichment and sensitization programs were conducted on 10 topics through 25 sessions by the Department of special education throughout May 2008. A 3 day short term training program was held for enrichment of knowledge and skills among 13 diploma students in special education and 10 special educators in special schools at Mysore.

In addition to this, several national and international guest faculties, representing institutes and universities far and wide delivered guest lectures on upcoming topics and topics of current interest. The below mentioned are a few of them:

International Guest faculty

1. Ms. Jyothi Murthy, AIISH alumnus and faculty, Institute for Effective



Education, San Diego, California, USA - 21st August 2008.

2. Mr. Frank Bulkey, Chief Executive and Company Secretary, Down's Syndrome Education, Manchester, UK - 10th November 2008.
3. Dr. Patrick Sheehan, ENT consultant, North Manchester General Hospital and Manchester Children's University Hospitals, UK - 10th November 2008.
4. Ms. Julie Hughes, Speech Language Pathologist, Director of Intervention and Supports, Manchester, UK - 10th November 2008.
5. Dr. Nareshwar Sinha, ENT Surgeon, Pennine Acute NHS Trust, Manchester, UK - 10th November 2008.
6. Jessica Thalheimsd, Speech Therapist, Berlin, Germany – 18th December 2008.
7. Dr. Jennie E. Pyers, Associate Professor, Wellesley College, MA, USA - 12th January 2009.
8. Prof. Peri Bhaskar Rao, Ph.D, Tokyo University of Foreign Studies - 30th January 2009.

Seminars / Conferences / Workshops

Apart from conducting several in-house training programs to train diploma, undergraduate and postgraduate students, around 25 workshops and 2 seminars were conducted by different departments of the institute.

The institute continued to encourage its faculty and staff to update their knowledge by deputing them to attend workshops/seminars. The faculty and staff of the institute attended 39 workshops conducted by other organizations and 27 workshops/seminars/conferences conducted by AIISH. To mention a few:

- Department of CREDM conducted a workshop on “Feasible Models of early intervention in children with Hearing Impairment (Brainstorming Session)” on 25th April 2008.
- Department of Special Education conducted a workshop on “Facilitating Inclusive Education for Children with Hearing Impairment” from 30th June to 4th July 2008.



- Department of ENT conducted a workshop on “Reversible Hearing Impairment in children” on 23rd July 2008.
- Department of Speech-Language Pathology conducted a Seminar on “Perspectives in children with Down’s syndrome” on 10th November 2008.
- Department of Speech-Language Sciences and Clinical Services conducted a workshop on “Speech Intelligibility” from 15th to 19th December 2008.
- Department of Speech-Language Pathology conducted a workshop on “Child Language Disorders” on 17th December 2008.
- Department of Speech-Language Sciences conducted a National Workshop on “Phonetic Perception” on 19th and 20th February 2009.

- AIISH coordinated a workshop on “Role and responsibilities of RCI in implementation of UNCRPD provisions on 24th and 25th Feb. 2009. The above meet, conducted on behalf of RCI, aimed at determining whether the BASLP and MASLP courses had implemented the provisions of the UNCRPD. The



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course coordinators from 43 different institutions running BASLP and MASLP courses were invited to participate in the two day program. The provisions of the UNCRPD that already existing in the syllabi were discussed. In addition, the modifications to be made in the syllabus were recommended. Prof. Asha Yathiraj was the coordinator for the program.

- Department of Speech-Language Sciences conducted National Workshop on “Vocal yoga” on 28th February 2009.

Membership

- AIISH became a member of the **International Society of Augmentative and Alternative Communication (ISAAC)**, entitling a listing in ISAAC membership directory as well as

website along with subsidy for AAC and ISAAC affiliated publications, advertising services in the membership directory and also registration fees in the biannual ISAAC conference.

- Dr. Vijayalakshmi Basavaraj, Director was nominated as:
 - A member of Project Advisory Committee for the Linguistic Data Consortium for Indian Languages constituted by the Director, CIIL, Mysore.
 - Member of “Faculty of Science and Technology” for a period of two years with effect from 12.12.2007 by the University of Mysore.
 - Member of the Task Force for technical evaluation of proposals received under Cognitive Science Research Initiative (CSI) of the Ministry of Science and Technology, GOI, Department of Science and Technology, New Delhi for a period of 3 years with effect from 4.03.2008.
 - Member, Governing Body, JSS Institute of Speech and Hearing, Mysore w.e.f. 22.5.2008.
 - Member of Board of UG and PG studies in Allied Health Sciences of Sree Devraj Urs Academy of Higher Education and Research, Kolar.

PARTICIPATION IN NATIONAL PROGRAM FOR PREVENTION AND CONTROL OF DEAFNESS (NPPCD)

AIISH being the Nodal Center for manpower development for implementation of National Program for Prevention and Control of Deafness (NPPCD), participated in all activities of NPPCD.

- B.Sc. (Speech and Hearing) interns of AIISH were placed in the districts all over India where NPPCD is implemented. This included Mandya, Hassan, Hubli, Lucknow, Haridwar, Vellore, Puducherry, Cuttack, Guwahati, Mumbai and Jabalpur.
- AIISH provided technical specifications for Audiological equipment and hearing aids.
- AIISH tendered for Behind the Ear (BTE) Hearing aids to be distributed under NPPCD and completed the process of rate contract finalization. It also



developed the guidelines for the selection and distribution of BTE Hearing aids which is now used all over the country by individuals with hearing impairment.

LIBRARY AND INFORMATION CENTRE

The AIISH library and information centre is an outstanding learning resource centre and is the best specialized libraries in the country in the field of speech, language and hearing. It provides appropriate knowledge resources to meet the information needs of the academic community of the institute by providing the most modern resources and value added information services in the area of speech, language and hearing. It caters to the students, faculty, researchers of the institute, elite professionals, educational institutions and other authorized users in the related discipline of speech, language and hearing from different parts of the country.

The collection of the library which includes books, journals, theses, dissertations, departmental projects, independent projects and other non-book material is regarded one of the richest collections in the country, in the field of Audiology, Speech Language Pathology, Speech Language Sciences, Special Education and allied fields.

529 books were added during the year bringing the collection up to 16,275 volumes in the reporting year. 68 journals and 40 e-journals were subscribed. All together, a sum of Rs. 27,65,586/- was spent to procure these books and journals.

The digitalization process of the library which commenced in the beginning of the reporting year is nearing completion. In-house publication like Masters dissertations, Doctoral theses and independent projects are converted from print format to digital format. Through Electronic Resources in Medicine (ERMED) consortium, AIISH is getting online access to journals in the National Medical Library. More computers were added with the increase in broadband. Library portal is under development in the reporting year.

RESEARCH ACTIVITIES

The institute has been a forerunner in conducting innovative research in the domains of speech, language, hearing and their disorders. The research projects are undertaken by the

institute with extra mural fund as well as AIISH Research Fund. In the reporting year, 7 Extramural funding research projects, 13 AIISH Research Fund projects and 6 departmental research projects were underway while eight research projects as well as 2 in-house programs were completed.

As an outcome of the research undertaken, there were several research publications which saw the light of the day. In the reporting year, the faculty had to their credit, 142 publications. These included 7 international publications, 25 national publications, 90 internal publications and 7 books and 4 chapters in books. In addition to this, 9 papers were published in the proceedings of international and national symposiums and other seminars/workshops. Some of them include the following:

Books / Chapters in Books:

- Basavaraj, V. (2008). Fitting hearing aids in the Indian context: The challenges and ways forward”. In *Audiology in Developing Countries* (Eds.) B. Mc Pherson, & R. Brouillette, NOVA Publications.
- Goswami, S.P. (2009). “Right to Information Act”, what it means to Speech and Hearing Professionals and how to empower the beneficiaries. A monograph titled “Get the acts together”. A publication of Indian Speech and Hearing Association, 28-39.
- Basavaraj, V (2007). *Hearing Impairment. Status of Disability in India – 2007* (Contributor), Vol.1, New Delhi: Rehabilitation Council of India.
- Yathiraj, A. (2007). *Hearing Impairment. Status of Disability in India – 2007* (Contributor), Vol.1, New Delhi: Rehabilitation Council of India.
- The study material of the Certificate Course for Caregivers and Children with Developmental Communication Disabilities (C4D2) comprising of 6 books in Kannada and 4 books in English was published.

International:

- Balan, P., & Manjula R., (2008). Communication functions in children with severe speech and physical impairment. *Asia Pacific Disabilities Rehabilitation Journal*, 19, 2, 105-120.

- Shyamala, K.C., Anna, S.K., & Akanksha G. (2009). Intervention in Autism Spectrum Disorders: An SLP's Guide. *Language in India*, Online Journal www.languageinindia.com, 9.
- Shyamala, K. C., & Manju M. P. (2009). Development of stroop effect in Bilinguals. *Language in India*, Online Journal www.languageinindia.com,9.

National:

- Banumathy, N, & Manjula, R. (2007). Effect of length, mode and type of linguistic units on vowel duration in Developmental Apraxia of Speech. *Journal of Acoustical Society of India*, 34 (4), 121-125.
- Chandrakant, V., Nambi, A. P., & Barman, A. (2008). A search for an appropriate protocol to record TEOAEs and contralateral suppression of TEOAEs. *The Journal of the Indian Speech & Hearing Association*, Vol.22, 13-16.
- Neha, A., Krupha, V.M., & Manjula, P. (2008). The influence of personality type on the perceived hearing aid benefit. *The Journal of the Indian Speech & Hearing Association*, Vol. 22, 37-42.
- Karimi, A., & Venkatesan, S. (2009). Cognitive behavior group therapy in mathematics anxiety. *Journal of Indian Academy of Applied Psychology*. Accepted for Publication in March 2009.
- Prema K. S. (2007). Neurolinguistics of linguistic perseveration-evidences from clinical population. Special issue on Neurolinguistics, psycholinguistics and language cognition. *Indian Journal of Applied Linguistics* (ISSN 0379-0037), 33 (2), 53-61.
- Sreedevi N. (2008). Study of phonological process in normal Kannada speaking children: 1.6–2 years. *Interdisciplinary Journal of Linguistics*, 1, 103-110.
- Shuchi, G., Vivekanandh, M., & Yathiraj, A. (2008). Temporal variation in noise: Effect on word recognition. *The Journal of the Indian Speech & Hearing Association*, Vol.22, 32-36.
- Sunil K.R., Carmel J.R. & Shyamala, K.C. (2008). Acquired dyslexias in right hemisphere damaged individuals. *The Journal of Indian Speech and Hearing Association*, 22, 49-54.

- Venkatesan S., Pushpavathi M., & Purushotham P. (2007) “Significance of life events in voice disorders”. *Indian Journal of Clinical Psychology*, 34, 2, 98-105.

Journal of AIISH

Journal of All India Institute of Speech & Hearing (JAIISH) ISSN No. 0973-662X its volume No. 27 (including 17 articles) was published in the year 2008.



Other Publications during the year

AIISH publications included the following:

- Student research (articles based on masteral dissertation of students), Volume IV (2005-2006), Part A (Audiology) and part B (speech-language pathology) in 2008, compiled by Dr. Vijayalakshmi Basavaraj, Director and Dr. Y V Geetha., Prof. of Speech-Language Sciences.
- Preschool training program booklets in Kannada and English.
- Short story books in Hindi (for public education) - 4 volumes.
- Assessment and management of individuals with Hearing impairment having additional disabilities - Proceedings of RCI-CRE workshop held from 7th to 11th July 2008. Compiled by Dr. P Manjula, Reader in Audiology and Ms. N Devi, Lecturer in Audiology.
- Speech Intelligibility-Proceedings of RCI-CRE workshop held from 15th to 19th December 2008. Edited by Dr. K S Prema, Prof. of Language Pathology and Dr. M Pushpavathi, Reader in Speech Pathology.

Sale of AIISH publications:

AIISH publications including Journal of AIISH and other publications worth Rs. 56,655 were sold in the 41st ISHACON at Pune in 2009.

Research presentation/participation:

Several papers were presented by faculty and staff in the International and National context viz., National Workshop on Speaker Identification and Tape Authentication conducted by Ministry of Home Affairs, Govt. of Maharashtra, Diagnosis and management of autism spectrum disorder at New Delhi organized by Ministry of Health & Family Welfare & WHO, Fourth Meeting on Scholastic Problems in School Children under SSA, and 41st ISHA Conference held at Pune etc. Some of them are as follows:

Participation in International Conferences/Seminars/Workshops/ Training programs:

- Manjula, R and Swapna, N. visited Kay Pentax, New Jersey, USA, from 24th Feb 2008 to 6th March 2009 for training in the operation of Digital Swallow Workstation.
- Shyamala, K.C presented a paper titled “Neologisms in an early bililingual: Evidence for Enhanced Cognitive Flexibility?” at the International Conference on Bilingual Acquisition in Early Childhood (CBAEC) and participated in the panel discussion invited discussant representing India) on “Childhood Multilingualism: International perspectives” at CBAEC, Hongkong from 10-12 December 2008.
- Shyamala, K. C presented on the topic “Language and Communication impairments in ASD” at the guest speaker series on Neurocognition Seminar at EMCL, Potsdam, Germany on 27th May 2008.



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Participation in National Conferences/Seminars/Workshops

- Ajish, K. Abraham presented a paper on ‘Principles & Theoretical constructs in calibration of audiologic measurement equipments – OAE, Immittance & ABR’ at the National workshop on "Standards and Calibration of Audiologic and Speech Equipments" Sweekar Rehabilitation Institute for Handicapped, Secunderabad from 24th to 26th July 2008.

- Bansal, S., Prerana, C. & Vinay, S. N. presented a paper titled ‘Effect of Mobile Phone Exposure with and Without Bluetooth Device on Functioning of Outer Hair Cells’ at the 41st ISHA conference, held at Pune from 23rd to 25th January 2009.
- Basavaraj, V. presented a paper on ‘National Training Strategy for Department of Health and Family Welfare through E-Mode’ during the Meeting of Expert Group for Development of National Training Strategy for Dept. of Health and Family Welfare, Govt. of India at New Delhi on 6th February 2009.
- Devika, M.R., & Swapna. N. presented a paper titled ‘Symbolic Play behaviors and its Relationship with Language and Cognition in Typically Developing Kannada Speaking Children’ in the 3rd student’s conference of Linguistics in India at JNU (Delhi) from 19th to 21st February 2009.
- Manasa, M., Bhavya M., Singh, C. G. & Rajalakshmi, K. presented a paper titled ‘Audiological Profiling in Patients with TYPE – II Diabetes’ at the 41st ISHA conference, held at Pune from 23rd to 25th January 2009.
- Paul, S., Roy, M. E., Mamatha, N. M, & Barman, A. presented a paper titled ‘Effect of Contralateral Acoustic Stimulation on Tone Burst Evoked Auditory Brainstem Response’ at the 41st ISHA conference, held at Pune from 23rd to 25th January 2009.
- Rhea, M.K., Seby, M.M. & Swapna. N. presented a paper titled ‘Cluster disfluencies: a comparison between children with stuttering and non-stuttering children’ at the 41st ISHA conference held at Pune from 23rd to 25th January 2009.
- Shyamala, K.C. served as the guest moderator in the workshop on ‘Integrated Yoga Therapy for Autism Spectrum Disorders (ASD)’ at Avadhoota Datta Peetha, Sri Ganapati Sachchidananda Ashrama, Mysore in collaboration with SGS Vagdevi Center for Rehabilitation of Communication Impaired, Bangalore on 25th February 2009.

Awards and Honors

Several awards were won by the faculty and students for best scientific papers at the 41st Annual Conference of Indian Speech and Hearing Association held at Pune from 23rd to Jan. 2009. Some of these and others included following.



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- Savithri, S. R, received *Dr. N. Rathna Oration award* at 41st ISHA Conference held at Pune from 23rd to 25th January 2009.



- Dr. Venkatesan, S. received the Psycho Oration Award for distinguished contribution to the field of clinical psychology and having made available extraordinary services to promote the objectives of the Indian Association of clinical psychologist which was presented during 35th National Annual Conference of Indian Association of Clinical

Psychologists held at Secunderabad, between 16-18th January 2009.

- Shyamala, K. C. (2008) was awarded the Erasmus Mundus Post Doctoral Visiting Professorship for EMCL Program from May to July 2008 in Potsdam, Germany.
- Anjana, A.V., & Shyamala, K.C (2009) received the best paper award for the paper titled 'Gender differences in Mcgurk effect' the 41st ISHA Conference held at Pune from 23rd to 25th January 2009.



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- Aparna, T.H., Prajesh, T. & Manjula, R. (2009) received Muktesh best paper award in Speech for the paper tiled 'Effect of training on Narrow transcription of vowels' at the 41st ISHA Conference held at Pune from 23rd to 25th January 2009.

- Thomas, P., Aparna, T.H. & Vinay S.N (2009) received Dayalan Samuel Award' (Best paper in Audiology) for the

paper titled "Effect of Contralateral Suppression on Speech Perception in Noise" in the 41st ISHA Conference 2009 held at Pune.

- Malar, G., Ms. Prithi., N, & Ms. Vijetha, I. (2009) received best poster presentation for the poster titled ‘Multi disciplinary services at AIISH for promoting inclusive education at the annual conference of the National convention of the educators of the deaf in Nagpur from 7th to 9th Jan. 2009.
- Manjula, P., & Sreeraj, K. (2009) received III Prize for oral poster titled “Speech Identification in noise among Cochlear Implantees: Is FM system effective?” at the 6th Annual Conference of the Cochlear Implant Group of India in Bangalore.
- Rao, D.S., Manasa. R., Hariprasad. N., & Prema K.S. (2009) received I Prize in “Biophilia” contest for the paper titled ‘Effect of Caffeine on cognitive functions’ organized by IEEE – SJCE student branch, SJCE, Mysore
- Suresh, B., & Sreedevi, N received Best Research Paper award for the paper titled ‘Role of pre-schooling in developing pragmatic skills in young children with hearing impairment’ at the annual conference of the National convention of the educators of the Deaf in Nagpur from 7th to 9th January 2009.

CLINICAL SERVICES

The institute offers a wide range of clinical services to persons with communication disorders, their family and professionals. The Department of Clinical Services is one of its kind

in the country. A team of speech, language, hearing and allied medical and non-medical professionals cater to clients under one roof. Apart from the core services in the area of speech-language pathology and audiology, services of allied professionals such as otolaryngologists, pediatrician,



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neurologist, plastic surgeon, prosthodontist, phonosurgeon, clinical psychologist, physiotherapist and occupational therapists etc., are also available in the department. In the reporting year, a total of 40,719 clients were attended to, in the clinic. 17276 new clients were registered, 23443 follow up clients were evaluated and 21205 individual therapy sessions were conducted.

The institute runs Specialty Clinics to attend to the needs of clients with special disorders. This includes the Listening Training Unit under the Department of Audiology; Augmentative and Alternative Communication (AAC) Unit, Autism Spectrum Disorder (ASD) Unit and Craniofacial Unit under the Department of Speech-Language Pathology; Professional Voice Care Center and Forensic Voice Unit dealing with the analysis related to speaker identification under the Department of Speech-Language Sciences.

A high-tech CCTV which was installed in the year 2007-08, covering 96 rooms with eight monitor stations was used for active monitoring of therapy sessions of clients. Each room is fitted with a CCTV camera and microphone to facilitate live two way audio interaction and one way video interaction between both the student supervisor and the student clinician. This enables the supervisors to modify the activities and techniques adopted by the student therapist whenever indicated. This enhanced the quantum of supervision provided. Individual as well as group therapy were provided depending upon the needs of the clients.

The institute started dispensing hearing aids of all styles and makes at subsidized rates since December 2006. This scheme has been ensuring the quality of the hearing aid dispensed and has also made the process of procurement of hearing aids hassle free to the clients. In the reporting year, 1059 hearing aids of over twelve makes and models including Behind The Ear (BTE) type, In The Ear (ITE) type, Completely-In-the Canal (CIC) types were dispensed under this scheme.

The following programs in addition to the diagnostic and therapeutic services were rendered:

- International Stuttering Awareness Day celebrated on 14th November 2008. program included orientation lectures stuttering, its signs and symptoms, psychological and fluency management stuttering. An exhibition and various competitions were held for the participants following by group discussion.



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- Commemoration of the 22nd World Disabled Day on 3rd December 2008 coordinated by the Department of Special Education. Two parents of children with special needs children: Latha Murthy, Secretary, Swasahaya Samuchaaya and Ms. Vanishree Basavaraj were invited as Chief Guest



was

Ms.

&

Guest of Honour, respectively. Around 550 spectators including clients, caregivers and staff attended the programme. Cultural programmes were presented by AIISH clients and caregivers.

CLINICAL STATISTICS OF VARIOUS DEPARTMENTS

Department of Audiology

Age group	Hearing Evaluation		Hearing Aid Trial		HAT counseling		Ear moulds	
	M	F	M	F	M	F	M	F
00-01	79	73	68	53	13	7	25	22
02-05	606	518	626	623	107	90	218	194
06-10	488	401	349	374	36	61	117	91
11-15	381	255	228	192	39	20	98	42
16-20	417	313	204	162	33	15	60	32
21-25	397	297	153	111	16	9	19	19
26-30	346	318	151	102	17	5	23	12
31-35	318	263	139	58	12	14	24	14
36-40	335	250	141	79	21	14	18	13
41-45	403	254	156	97	23	13	29	12
46-50	274	204	157	89	30	19	32	27
51-55	329	242	183	113	38	13	41	24
56-60	340	210	265	115	50	22	81	19
61-65	354	225	264	132	62	30	71	28

66-70	335	191	294	150	75	34	62	32
71-75	293	161	271	111	68	26	69	29
76-80	165	101	206	85	62	22	50	20
81-85	113	77	104	30	44	7	34	8

86-90	49	11	30	12	12	3	0	0
91+	1	0	20	9	7	1	0	0
Total	6023	4364	4009	2697	765	425	1071	638
	10,387		6,706		1,190		1,709	
Grand Total 19,992								

Table 1: Age wise statistics of clients

A total of 10442 and 1214 clients were evaluated/screened at AIISH and at Outreach centers respectively. The following is the statistics of clients evaluated using the special tests at the institute.

- Auditory Brainstem Response 2394
- Otoacoustic Emission 389
- Auditory Processing Disorders 20

The following are the number of clients evaluated/counseled for hearing aid fitting and benefitted from it.

	Evaluated	Benefitted
• AIISH	6725	554
• Outreach Centers	661	79

The following is the statistics of ear moulds issued to the clients:

- Full moulds 1479
- Special moulds 212
- Soft moulds 963
- Swimmer's plugs 13
- Impressions for ITE/ITC/CIC 41

Department of Clinical Psychology

Sl. No	Particulars	Total no. cases	Total no. sessions
1	New cases	4224	-
2	Re-evaluation cases	679	-
3	Behavior therapy	210	1048
4	Behavior modification	249	747
5	Home based training program for MR/SLD	378	1512

6	Remedial training for SLD cases	289	1156
7	Intensive parent counseling program	272	272
8	Neuropsychological re-training program	76	137
9	Vocational guidance	173	279
10	Group counseling	106	12
11	Parent counseling program	3962	3962

Table 2: No. of clients evaluated and offered therapeutic services

Department of clinical Services

The following is the statistics of cases attended to

Age Group	Male	Female	Total
0-5	1424	1019	2443
5-10	1262	881	2143
10-20	1771	1177	2948
20-40	2735	1961	4696
40-60	1783	1190	2973
60-80	1282	580	1862
80+	164	47	211
Total	10421	6855	17276

Table 3: Age wise statistics of clients

Particulars		Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	March	Total
Total cases registered	New	1246	1524	1399	1689	1445	1522	1693	1294	1677	1325	1235	1227	17276
	Repeat	1802	1712	2252	2314	1749	1955	1803	1859	2036	2148	1967	1846	23443
	Total	3048	3236	3651	4003	3194	3477	3496	3153	3713	3473	3202	3073	40719
Sp. Lang. OPD		577	583	535	753	741	479	742	583	679	534	500	468	6433
Audiology OPD		780	800	820	1350	931	882	949	790	1025	834	834	825	10820

Table 4: Statistics of cases registered at the Medical records/OPD

Disorders-wise distribution of diagnostic cases seen in OPD- Speech/ language Apr 2008 – Mar 09

Disorders	Language Disorders			Voice Disorders			Fluency Disorders			Articulation Disorders			Multiple Disorders			Normal		
	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric
April	295	28	1	8	21	6	48	16	-	73	6	1	46	4	1	3	-	-
May	247	35	3	11	17	2	76	37	2	55	6	-	65	10	1	4	7	3
June	315	63	2	8	17	8	32	26	1	18	6	1	28	8	1	1	-	-
July	397	132	8	7	29	5	36	20	-	37	11	1	49	13	2	6	-	-
Aug	312	142	20	8	127	6	19	10	-	11	34	-	23	5	1	25	-	-
Sep	225	102	-	2	33	-	15	26	-	16	5	-	29	11	-	10	5	-
Oct	315	140	54	19	40	-	38	11	-	57	10	-	23	22	-	12	-	1
Nov	304	112	6	6	26	1	20	14	-	16	12	1	40	11	-	7	7	-
Dec	301	170	9	5	25	4	17	18	-	31	5	-	53	22	1	7	10	1
Jan	299	108	4	2	36	2	18	34	-	11	-	-	-	-	14	5	1	
Feb	195	92	2	6	16	11	15	16	-	18	8	2	23	6	-	9	19	-
Mar	228	64	4	2	17	7	8	21	-	22	15	2	2	-	-	6	11	2
Total	3433	1188	113	81	401	62	342	249	3	365	118	8	381	112	7	104	64	8
Disorder wise	4734			540			594			491			500			176		
Overall total	7035																	

Table 5: Disorder wise distribution of diagnostic cases

Disorders-wise distribution of Therapy cases from Apr 2008 – Mar 09

Disorders	Language disorders			Voice disorders			Fluency disorders			Articulation disorders			MULTIPLE		
	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric	Child	Adult	Geriatric
April	238	4	2	5	10	-	13	10	-	13	1	-	34	1	-
May	78	3	-	3	-	-	37	10	-	21	4	-	17	-	1
June	327	6	-	1	-	-	27	35	-	27	3	-	42	1	-
July	413	3	4	-	7	1	16	24	-	33	3	-	57	-	-
Aug	379	11	-	-	3	-	10	29	-	6	1	-	26	2	-
Sep	272	-	-	7	-	-	24	-	-	8	-	-	3	-	-
Oct	363	9	2	3	-	1	27	-	-	23	11	-	52	2	-
Nov	317	10	4	1	11	2	12	13	-	20	5	-	44	1	-
Dec	208	9	5	4	12	1	16	14	-	11	3	1	31	-	-
Jan	273	7	4	3	3	-	1	17	-	6	5	-	46	1	-
Feb	363	11	6	1	13	-	-	-	-	8	1	-	51	1	-
Mar	423	8	2	-	10	1	-	-	-	12	-	-	23	1	-
Total	3654	81	29	28	69	6	183	152	0	188	37	1	426	10	1

Table 6: Disorder wise distribution of therapy cases

Particulars	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
No. of Cases	331	178	477	561	467	484	517	440	315	366	455	486	5077
No. of Sessions	1078	643	1668	3087	2055	2254	1528	1623	1251	1133	2292	2593	21205
Demo therapy Cases	25	97	48	31	20	27	69	55	75	52	21	14	534
Cases discharged	17	49	38	35	12	7	55	40	47	32	15	10	357
No. of Hindi Cases	25	20	35	25	28	6	34	36	20	20	16	26	291
Group parent Counseling	3	3	3	3	3	3	3	3	3	2	2	2	33
Correspond. (email/FU)	8	7	5	14	6	7	2	4	-	6	6	2	67
Certificates Issued	5	7	20	15	13	7	1	3	3	1	10	11	96
Case report Issued	83	88	81	80	47	59	59	61	75	63	67	40	803

Table 7: Statistics of Rehabilitation Services provided

Age	Pediatric 0-15 years	Adult 15-50 years	Geriatric 50 and above	New	Repeat	Hindi Case	DT	Discharged	Discontinued
Child Hood Language Disorders	3646	22	8	1228	3679	291	534	357	336
Adult Language Disorders	13	59	22	-	-	-	-	-	-
Articulation	188	37	1	-	-	-	-	-	-
Total	3847	31	118	-	-	-	-	-	-
Overall	3996			4907		291	534	357	336

Table 8: Rehabilitation services (total number of therapy sessions) provided

Department of ENT

The following are the number of clients evaluated at the institute and in the Department of ENT, K. R. Hospital, Mysore.

	AIISH	K R Hospital
New Cases	12811	6293
Follow up cases (Old)	13303	6371
Microscopic examination	9814	--
Endoscopic examination	260	--
Major operations	--	254
Minor operations	--	33

Table 9: Details of clients seen in the Dept. Of ENT

Department of Electronics

The following are the details of hearing aids repaired:

- Body level hearing aids 506
- BTE hearing aids 138

Department of Speech-Language Pathology

The following are the total number of clients evaluated and supervised by the faculty of the department.

	Clients Evaluated	Clients Supervised
a. Language disorders	2834	2569
b. Speech disorders		
• Voice disorders	188	14
• Disorders of Phonology	175	69
• Disorders of Fluency	303	29

Department of Speech-Language Sciences

The following are the clients evaluated and supervised by faculty of the Department:

	Clients Evaluated	Clients Supervised
• Voice disorders	121	64
• Language disorders	875	859
• Phonology disorders	99	49
• Fluency disorders	130	135
• Voice disorders	20	10

SPECIALIZED CLINICAL SERVICES

Department of Audiology

The following are the details of clients and therapy sessions held at Listening Training Unit:

No. of clients No. of therapy

		sessions
• No. of clients with hearing aids	254	7528
• No. of clients with cochlear implants	14	1308

Department of Speech-Language Pathology

The following are the total number of clients at Augmentative and Alternative Communication (AAC) unit and Autism Spectrum Disorders (ASD) unit

	AAC	ASD
• New clients evaluated	32	174
• Evaluation/Assessment Sessions	32	179
• Therapy clients seen	226	457
• Therapy Sessions	1281	2170
• D.T. clients	04	07
• Home training cases	03	---
• Clients discharged	--	06
• Clients discontinued	--	03

Craniofacial Unit:

1. Preparation of cleft palate prosthesis	-	01
2. Visiting Dentist clients	-	18

Department of Speech-Language Sciences

Professional Voice Care Unit

20 clients were evaluated for voice problems and 10 consultancy services were provided to the needy.

Department of Special Education

Preschool Activities

The Department of Special Education provides clinical and educational services to children with different kinds of communication disorders under preschool training program. This program aims at promoting all round development in these



children and preparing them with skills necessary for later schooling and integration. The training programmes comprise of essential skills like language, listening, cognitive, self-help, and pre-academics among others. It includes the group comprising of children with hearing impairment, mental retardation and autism in four different language groups i.e., Kannada, Hindi, Malayalam and English. In the report year, 165 children were enrolled in 21 groups of preschool catering to children with hearing impairment, mental retardation, autism and other multiple disabilities. These children attended the preschool every day for four hours. The month wise statistics is given below:

Month	No. of groups	No. of Children	HI	MR	Autism	No. of Sessions
Apr 08	15	106	59	36	11	1405
May 08	51 children attended summer camp					
June 08	17	146	85	47	14	1785
July 08	18	150	84	49	17	2070
Aug 08	18	150	84	49	17	1665
Sept 08	18	138	81	47	17	1710
Oct 08	18	141	78	48	15	1260
	15 children attended Dasara camp					
Nov 08	21	165	94	51	20	1815
Dec 08	21	162	92	50	20	1909
Jan 09	21	155	92	50	20	1767
Feb 09	21	153	79	46	28	1860
Mar 09	21	149	83	46	20	1860

Table 10: Details of preschool groups of different disorders

In addition to the regular activities, the preschool was active in conducting the following programs:

Organisation of Camps formed an integral part of the co-curricular activities of the preschool. These camps endeavour to add to holistic development in children with special needs as well as enrich the latent talents of caregivers. The following camps were held during the year April 2008 and March 2009:

Summer Camp was held during the summer vacation from 1st to 31st May 2008, which involved activities such as Yoga & Physical Exercise, Arts and Crafts, Dance & Music and Games for the children. As part of



Summer Camp, a field visit was organised for the children to Mysore Milk Dairy and Natural Science Museum. Activities like making nutritious snacks and talent show were organised for parents. Reverse integration including typically developing children along with the children with special needs was the highlight of this programme.

Dasara Camp was held during the Dasara vacation from 29th September to 12th October 2008 which included activities such as Yoga & Physical Exercise, Arts and Crafts, Dance & Music. A visit to the Mysore zoo and *Gombe Mane* (doll house) was also organised as part of the camp activities.



Best Caregiver Award is given away periodically to encourage caregivers participation and involvement in the children's education as well as preschool activities. The following awards were given away in the current year:

- Caregivers Ms. Leelavathy Chennakeshava & Mr. Chennakeshava, parents of baby Manasa among parents of 'fruit' group, and Ms. Indu, mother of Master Nishanth of flower group were felicitated on 11.04.2008.
- Caregivers Ms. Nischal, M/o Baby Sinchana and Ms. Joby M/o Master Jabin from 'Fruit' Groups; and Ms. Nandini, M/o Master Dhyan from 'Colour' Groups were felicitated on 10.11.2008.

EXTENSION SERVICES



The Department of Prevention of Communication Disorders (POCD) was initiated as a part of plan activity of the institute in January 2008. The institute continued with its activities of prevention of deafness and hearing impairment and prevention of communication disorders. Under the infant screening program infants were screened for

hearing loss, in 11 hospitals in Mysore. On an average 13570 children were screened at extension services, 236 children in schools and 21 were referred to AIISH for the assessment of hearing loss. Those who failed the screening test were referred for detailed evaluation at the institute to ascertain hearing loss and to provide the required intervention.

Camps: Periodically AIISH conducts outstation camps on requests by NGO's usually to rural and remote areas where professional help is not easily available. Multidisciplinary team visits the place, conducts the screening for speech and hearing disorders and also provides rehabilitation services such as dispensing of hearing aid, counseling on listening training, home training etc. 25 camps were held in the reporting year in different districts of Karnataka, Kerala and Tamil Nadu. The details of the camps are given in the table below:

Details of camps held

Sl. No.	Date	Camp place	No. of cases Seen	No. of cases referred to AIISH	No. of hearing aids prescribed	No. of hearing aids distributed	No. of Earmolds made	No. of Certificates issued
1.	19 th July 2008	Rajendranagar, Mysore.	51	48	5	-	-	-
2.	29 th July 2008	K. R. Nagara, Mysore Dist..	104	104	8	-	-	43
3.	9 th Sept. 2008	K. R. Pete, Mandya Dist.	59	59	-	-	-	16
4.	11 th Sept. 2008	Malavalli, Mandya Dist.	66	66	-	-	-	25
5.	15 th Sept. 2008	Yelandur, Chamarajaganagar, Dist.	148	148	-	-	-	17
6.	23 rd Sept. 2008	Jayapura, Mysore	29	29	-	-	-	18
7.	24 th Sept. 2008	Varuna, Mysore	69	69	-	-	-	27
8.	14 th Oct. 2008	Suttur, Mysore	15	15	-	-	-	7
9.	15 th October 2008	Kavalandhe, Mysore.	43	43	-	-	-	14
10.	21 st Oct. 2008	Bilikere, Hunsur Taluk	6	6	-	-	-	3
11.	22 nd Oct. 2008	Katte Malavadi, Mysore	55	55	-	-	-	22

12.	16 th Nov. 2008	Pennagaram, Dharmapuri District, TN	91	22	15	15	13	-
13.	17 th Nov. 2008	Kadathur, Dharmapuri District, TN.	104	26	6	6	8	2
14.	18 th Nov. 2008	Harur, Dharmapuri District, TN	127	24	16	16	15	1
15.	25 th & 26 th Nov. 2008	Sultan Bathery, Wayanad, Kerala	604	110	135	-	20	81
16.	22 nd Nov. 2008	Chamaraja-nagar Dist.	11	4	-	-	-	-
17.	30 th Jan. 2009	Kollegala	307	212	70	-	65	113
18.	6 th Feb. 2009	Samyuktha Higher Primary School, Hebbal Mysore	97	11	-	-	-	-
19.	10 th Feb. 2009	Chamarajanagar District	250	130	26	-	19	79
20.	14 th Feb. 2009	In-house camp	59	-	-	-	98	41
.	19 th Feb. 2009	St. Anns Convent Palahally, Mandya District	139	10	-	-	-	-
22.	12 th Feb. 2009	Gundlupet	296	148	50	-	36	145
23.	21 st to 22 nd Feb. 2009	Mailam, Tindivanam, Tamil Nadu.	177	120	25	25	20	1
24.	28 th Feb. 2009	In - house camp	49	-	29	-	65	26
25.	3 rd March 2009	Hunsur, Mysore District	141	91	19	17	24	43
Total			3097	1550	404	79	383	724

Table 11: Details of Speech and Hearing camps held at different places

TECHNOLOGICAL CONSULTANCY SERVICES

The Department of Electronics provided consultancy services to the following firms:

Sl. No.	Nature of consultancy work	Name of firm	No. of consultancy jobs	Revenue earned (in Rs.)
1	Noise measurement of Laptop power adaptor	M/s American Power Conversion Pvt. Ltd., Bangalore	1 No.	3000.00
2	Evaluation and testing of Natural composite material	Bapuji Institute of Engineering & Technology, Davanagere	1 No.	3000.00
3	Measurement of NRC rating of earplugs	M/s Safe-T Engineers, Coimbatore	4 sets	3000.00
4	Acoustic measurement and analysis of alarm tones produced by patient care monitor	L & T Medical Systems, Mysore	4 Nos.	12000.00
5	Noise measurement of dot matrix printers	M/s Wipro Peripherals, Mysore	4 Nos.	12000.00
6	Calibration of audiometer	District Hospital, Hassan	1 No.	3000.00
7	Measurement of SPL of speakers	M/s Wipro Infotech, Bangalore	1 No.	3000.00
8	Noise measurements of servers	M/s TUV Reinland, Bangalore	1 No.	3000.00
Total revenue earned				42000.00

Table 12: Consultancy services undertaken in the field of acoustics

PUBLIC LECTURE SERIES

AIISH continued “Monthly Public Lecture Series” program with the objective of reaching the unreached. The main purpose of this program is to create awareness in the public on various communication disorders. In this program, experts in the field of communication disorders deliver one-hour lecture (on topics



such as stuttering, articulation disorders, autism, aphasia, mental retardation, hearing

problems, ENT problems, voice problems, etc.) followed by question and answer sessions with the public on the last Saturday of every month. Twelve lectures covering the topics of hearing problems in children, management of behaviour problems, aphasia- identification and management, cochlear implant - a promising surgical procedure for the hearing impaired, hearing problems in senior citizens, cleft lip and palate: cause & management, benefits & concessions for persons with disability, importance of listening in the development of speech and language, autism: causes, characteristics, diagnosis and intervention, learning disability-identification and management and misarticulation: causes and remediation have been delivered so far as part of the program in the report year.

Visitors

Several dignitaries visited the institute in connection with various celebrations/activities which are mentioned below in chronological order:

- Prof. A. R. Wikremasinghe, Dean and Professor Faculty of Medicine and Dr. Samantha Wakista, Director, Dept. of Disabilities Studies Unit, University of Kelaniya, Srilanka visited AIISH on 8th April 2008.
- Dr. R. Chidambaram, Principal Scientific Advisor to Government of India visited AIISH on 5th May 2008 accompanied by Prof S. Shashidhar Prasad, Ex-Vice Chancellor, University of Mysore, Mysore.
- The committee constituted by Ministry of Health & Family Welfare to examine the feasibility of upgradation of AIISH, chaired by Dr. R. K. Srivastava, DGHS, Ministry of Health & Family Welfare visited AIISH on 27.6.2008 and reviewed the activity of AIISH. One of the committee members was Dr. S. K. Kacker Ex-Director, AIIMS, New Delhi.



- Prof. R. W. Schlosser, Professor and Chair, Department of Speech – Language Pathology and Audiology, Northeastern University, USA visited on 9th July 2008.
- Mrs. Poonam Natarajan, Chairperson, National Trust, Ministry of Social Justice and Empowerment, New Delhi visited on 10th July 2008.
- Sri. J. V. Angadi Hiremath, District and Session Judge, Mysore visited AIISH on 28.8.2008.
- Sri G. Balachandra, Additional Secretary (H), Government of India, Department of Health, Ministry of Health & Family Welfare, New Delhi and members visited the institute on 13th November 2008 for the 41st Finance Committee meeting of the institute.
- Sri M. Madan Gopal, IAS, Secretary to Government of Karnataka, Dept. of Health and Family Welfare, Government of Karnataka visited the institute on 25th November 2008.



EXTRA CURRICULAR ACTIVITIES

The students enrolled in various programs of AIISH got an excellent opportunity for their overall development during their tenure at the institute. Several extra curricular activities were planned and conducted throughout the year.

NSS Activities

The NSS programs within the Institute are tailored in such a way that the activities are in accordance with the objectives of the Institute with out modifying the originality of the NSS motto. Even though, activities are few, the quality and the impact of the



programs to the society is highly satisfactory. They are as follows:

- **Educational programs:** A Special coaching program to the needy students on core subjects of speech and hearing and Kannada teaching classes for the non-Kannada students of the Institute was initiated. Our student volunteers carried out this program during every weekend for duration of one hour. This is an ongoing program. More than 60 volunteers have been benefited with this program in the report year.
- **Shramadhan activities:** Around 75 & 55 NSS volunteers respectively participated in the tree planting and watering teak plants program in AIISH campus, Mysore on 30.08.08 and 27.09.08. The watering and maintenance of teakwood plants planted at AIISH, at the newly constructed park opposite to Library and Information centre in the main campus were carried out in five weekends by the NSS volunteers.
- **Health programs:** Blood Donation Camp was conducted on 31.03.09 in AIISH Campus in collaboration with Blood Bank Unit, K.R.Hospital, Mysore. In this noble activity, 52 volunteers and staff participated and donated the blood. Along with this the identification of blood group was also carried out.



AIISH GYMKHANA

Under the banner of AIISH Gymkhana, talent's day for the children of gymkhana members was conducted. Under Vidya Vikas program, the children of staff members studying upto SSLC were given educational material such as bags, books etc. Apart from this, the AIISH Gymkhana was involved in planning and conducting the 43rd Anniversary celebrations.

AIISH observed the **Open day** of the institute on 20th November 2008. On this day, the public were allowed to walk into the institute, go through the facilities and



see for themselves the work being done here. They were educated on speech production, hearing mechanism, speech and hearing disorders, prevention of speech and hearing disorders and vocal hygiene. They got themselves tested on certain aspects of speech, language, hearing, reading and writing. This year our focus was on spreading awareness among students from rural areas. In addition, special competitive events were organised for regular school going children and children with different kinds of special needs.

Kannada Rajyostava Day was observed on 20th November 2008. Noted film actor Dr. K.S. Ashwath was the chief guest while Yogashri Dr. A.R Seetharam was the guest of honour. It was presided over by the Director. After inauguration of the program by the chief guest, prizes were distributed to the winners of the cultural and sports competitions held on behalf of Kannada Rajyothstva celebrations. Cultural events like group dance and singing Kannada songs were held.



Nagaveni, caregiver of a student at AIISH who is physically challenged were felicitated on the day. Competitions for women were also conducted.

AIISH Awaaz 2009, an inter collegiate cultural festival and a platform for college students to show case their cultural talents was conducted at AIISH Gymkhana from 13th to 15th March 2009. This was a unique program for the students, by the

Celebration of the **International Woman's day** was held on 11.3.2009. Dr. Vijayalakshmi Basavaraj, President of Gymkhana and Director, AIISH presided over the function. In her presidential address, she emphasized on the responsibility and importance of being women. Senior women employee of AIISH Smt. J. Raguna and Smt.





students and organized by the students themselves with minimum support from the staff. Noted theatre artist, singer and Director Smt. B. Jayashree was the chief guest. Different cultural competitions such as singing, portrait painting, general quiz, skit, antakshari, group dance and fashion show were conducted for the different college students.

ADMINISTRATIVE ISSUES

Fiscal matters

During the reporting year, a grant-in-aid of Rs. 1152.99 lakhs and Rs. 600 lakhs have been received under Plan and Non-Plan, respectively from the Ministry of Health and Family Welfare, Govt. of India. Internal revenue of Rs. 230.40 lakhs was generated during the year. Rs. 20 lakhs were allocated for AIISH Research Fund. Fifteen posts (on contract) were sanctioned for implementation of Oversight Committee recommendation of 27% OBC reservation.

Employee recruitments/deaths

Seven recruitments for permanent and forty nine recruitments for contract basis posts were made in the duration between April 2008 and March 2009. There were two deaths of the permanent employees, viz Sri.Chelubaraju, Mali on 10/02/09 and Smt. Savithramma, Sweeper on 02/03/09.

Observance of Vigilance Awareness Week

The employees took the pledge on 3.11.2008 which was read out by Central Vigilance Officer Dr S. R. Savithri, in English, and Dr. H. P. Uma Saraswathi,



Hindi Translator in Hindi. Dr. Vijayalakshmi Basavaraj, Director addressed the employees on vigilance and value-based services. Posters related to vigilance were displayed on the notice boards of the institute. A debate competition was also held on 6.11.2008, in which 23 staff and students participated. The topic of the debate was corruption / honesty and there were 3 winners of the competition.

Right to Information Act

Prof. R. Manjula, Prof. of Speech Pathology & Head, POCD Department, AIISH was nominated as Central Public Information Officer of the institute. During the year 2008-09, 18 cases and 13 first appeals were received. Registration amount of Rs. 170/- and an additional amount of Rs. 100/- were collected.

Construction

- **Renovation of speech block:**

The Speech Language Sciences and Speech Language Pathology block building has been renovated at an estimated cost of Rs. 54.00 lakhs through the Central Public Works Department.

The civil works portion included reconstruction of in-filled walls, strengthening of existing walls by metal mesh plastering, weather proofing the RCC roof, casting the extended RCC columns above roof, polishing the existing mosaic floor and painting inside & outside the building.

The electrical works such as re-conducting, rewiring and fixing electrical light fittings, fixtures including computer & telephone networking have been carried out.

- **Construction of Men's Hostel & Guest faculty suites:**

The Construction of Men's Hostel & Guest faculty suites is under construction & has a plinth area of 3,720 Sq m for an estimated cost of Rs 495 lakhs. The Construction of Men's Hostel & Guest faculty suites is being made in the panchavati campus. The 94 bedded Men's Hostel consists of 40 single rooms, 18 triple rooms, a dining hall to cater 74 persons at a time & a lift. There are 15 rooms in the guest faculty suites.

Horticulture Section

Some of the developmental work such as planning of ornamental shrubs, hedge plants, development of Mexican lawn and shaded grass lawn were carried out.

Official Language Implementation (OLI)

More number of activities on Implementation of Official language Hindi was taken up in the year 2008-09 by way of conducting various programmes and popularizing the official language in all possible ways.

OLI Meetings: The meetings of OLIC were held regularly and proceedings were sent to the concerned.

Hindi Training: Trials for imparting obligatory training in Hindi to staff were continued. Some of the staff members were deputed for attending Hindi examinations.

OLI Correspondence: A good number of materials for correspondence were rendered in to official language making a remarkable progress during the year under question. Following is the list of such works undertaken:

Sl. No.	Particulars	Nos.
a.	Forms/ Identity cards	6
b.	General Orders, Memos, Notes, and Circulars etc.	41
c.	Guidelines prepared	06
d.	Course material translated(DHLS)	06
e.	Translation and distribution of Terms & Conditions of Issue of Free Hearing aids under NPPCD programme	01
f.	Four Booklets translated from Kannada to Hindi, 1000 copies of each booklet were printed and being distributed to the needy cases/ wards	04
g.	Booklets on Speech Language Sciences prepared in Hindi	03
h.	Abridged Annual Report & Statement of Accounts-2006-07 (50 pages)	01
i.	Activities Supplement to the Annual Report 2006-07 (230 pages) – being done	01
j.	Rubber stamps in three languages	11
k.	Display Boards	30

Table 13: Details of translation of correspondence materials into the official language

Hindi speaking clients visiting the institute for their problems were counseled in Hindi.

Word a day in Hindi with English equivalents were displayed at five different prominent places having access for staff, students as well as general public i.e., in Administrative Block, Academic Block, Library, Department of Clinical Services and Preschool Training Centre. These words from English to Hindi included Technical and Scientific words for the benefit of student folk in particular.

Reports: Monthly, quarterly, half yearly and yearly reports in official language were furnished to the concerned.

Many letters to outside organizations, Office Notes etc., were **signed in Hindi** in addition to sending replies in Hindi to the letters received in Hindi.

Speech & Hearing Glossary 2008 (English-Hindi). This was a maiden attempt for the benefit of the staff and students engaged in this field. This was released on the occasion of Annual day celebrations on 9th August 2008.



Distance Education through Video Conferencing facility has been extended to the clients far and wide in Hindi language having eleven centers at different places in the country. Also, some of the answer scripts written in Hindi by the Diploma students of DHLS programme in Jan 2009, were evaluated in Hindi only.

Hindi Workshop: External

(i) Dr. H P Uma Saraswathi, Hindi Translator was deputed to deliver guest lecture at the Hindi Workshop arranged by BSNL, Mysore on 28.07.2008.



(ii) Dr. H P Uma Saraswathi, Hindi Translator was deputed to attend a National Functional Workshop at the Institute of Public Administration, Bangalore from

22.08.2008 to 23.08.2008.

Workshop: Internal

One day Workshop on translation of Public education materials (focused on ASD) in three Indian languages including Hindi was organized by the Dept. of Material Development at AIISH on 23.03.2009.

Hindi *MILAP* daily news bulletin was subscribed.

The Library of Hindi books was kept open for general reading for the staff & students.

Leap Office Software is being extensively used at the institute. Also, use of Microsoft Office software (multiple language editions) is on anvil.

Purchase of Technical/ other equipment

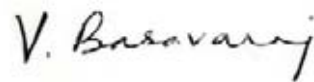
The institute procured 89 technical equipments to further enhance the infrastructure capabilities to serve the persons with communication disorders. The Institute has procured equipments for a total worth of Rs. 4,35,50,000.00.

INSTRUMENTS / EQUIPMENTS PURCHASED

Sl No.	Name of the equipment	Quantity
1.	HP compact computer DC7900 with TFT monitor	1 No
2.	Bungalow soft ware	1 No
3.	Fast forward software	1 No
4.	Blomsinger voice p 18mm	1 No
5.	Blomsinger voice p 28mm	1 No
6.	Servox AG Digital artificial larynx	1 No
7.	Phonetics systems My word Hindi	1 No
8.	Nasal view version 1.3 sr. no. NV 9808007a	1 No
9.	Dr. Speech clinic deluxe Special. Dr. Speech package 4 version	1 No
10.	Tiger Electroglottograph (EG-pc3)	1 No
11.	Dr. Hearing sound package 3	1 No
12.	Dr Speech Clinic Deluxe Special package	1 No
13.	Dr Hearing	1 No

14.	1551-A-Multi Activities work Station	1 No
15.	2601- Muscle – Stimulation (portable) with TENS	1 No
16.	2801-Shoulder Wheel (wall mounting)	1 No
17.	Tables with wooden Shelf Component with built in locks	80 Nos.
18.	Phonetic System my words in English	1 No
19.	Digital voice recorder	1No.
20.	65” LCD monitor	1 No.
21.	2 ton split Air conditioners	2 No.
22.	Digital storage oscilloscope	2 Nos.
23.	Audio visual equipments	6 sets
24.	Communication equipments	6 sets
25.	Video conference system	6 sets
26.	Cisco switch	3 Nos.
27.	DSP development kit	1 No.
28.	Micro controller development kit	1 No.
29.	Digital still camera	1 No.
30.	Swallowing Signals Lab Model 7120 (with PC)	1 Unit
31.	Computerised Speech Lab (SL 4500) (with software)	2 Units
32.	Photo smart printer (HP D 7208)	1 No.
33.	Digital Spike Suppressors	4 Nos.
34.	Dr. Speech Diagno Therapy	1 No.
35.	HP computer Model 7900 with TFT monitor	2 Nos.
36.	Plasma TV Panasonic make	1 Nos.
37.	Sharp notebook multimedia project Model PG F310x	1 No
38.	Projection screen	1 No
39.	VHF wireless meeting amplifier WA122V with cassette player	1 No.
40.	Pocket otoscope	4 Nos.
41.	Easy link FM transmitter	6 Nos.
42.	FM receiver	48 Nos.
43.	Power supply	6 Nos.

Thus, the overall progress of the institute was excellent. The preparations made to reach out the services of the institute to the nation were very challenging and satisfying. The involvement of the team of faculty & staff at the institute enabled the institute to face these challenges effectively.



Dr. Vijayalakshmi Basavaraj

Director

