

# Annual Report 2009 - 10

*Reaching out to the nation...*



*...Striving for effective communication by all*



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

# Annual Report

## 2009 - 2010



All India Institute of Speech & Hearing  
Manasagangothri, Mysore 6

**ALL INDIA INSTITUTE OF SPEECH AND HEARING**  
**MANASAGANGOTRI, MYSORE 570 006**

**ANNUAL REPORT 2009-2010**

The ability to communicate is the basic essence of life. It is the means by which human beings gain personal, social, emotional as well as professional satisfaction. Speech, Language and Hearing are used continuously in our day to day life. Verbal communication is considered the most effective mode of communication. Those deprived of these abilities in whatever form are at a loss which affects their life both quantitatively and qualitatively. Knowledge about communication disorders is a key to help the coming generations to enter the world of effective communication. All India Institute of Speech and Hearing (AIISH) Mysore, established in the year 1965 on the 9th August, strives towards realizing this goal. The AIISH advocates effective communication by one and all.

The multidisciplinary and well coordinated team at AIISH has been training man power in the field, conducting research, and providing clinical services for persons with communication disorders besides actively indulging in public education. In the last 45 years, the institute has grown from its infancy to adulthood in its 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 Pathology and Audiology.
- 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 to different levels of 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 with respect to their prevention and management.

**Major events of the year 2009-10**

**1) National Women's Science Congress**

The AIISH, jointly with Matru Vedithe (Women Scientists Forum) of Swadeshi Vijnana Andolana-Karnataka (SVAK), organized the 2nd National Women's Science Congress on 7-9 November, 2009. The Science Congress covered the entire spectrum of science, engineering and technology, both traditional and modern. A Special theme on Speech Language Hearing was introduced this year giving due recognition to the science of communication disorders. A panel



discussion on the focal theme “Need for women leadership in Science and Technology” was scheduled on 7.11.2009. This session was chaired by Dr. Vijayalakshmi Basavaraj, Director, AIISH.

## 2) Launch of two Outreach Service Centers of the POCD department

Two outreach service centers at Hullahalli hobli in Nanjangud Taluk, Mysore district and Akkihebbalu hobli in K.R.Pete Taluk, Mandya district, were launched on 03.03.2010. The Outreach service centers were formally inaugurated by the Hon'ble Union Health Minister Sri. Gulam Nabi Azad through video conferencing from NIMHANS, Bangalore. The dignitaries who were present on this day at the launch were Dr. R.K. Srivastava, Director General of Health Services, Ministry of Health and Family Welfare, Government of India, Sri. V. Venkatachalam, Additional Secretary (Health), Ministry of Health and Family Welfare, New Delhi, Dr. S.K. Shankar, Director, NIMHANS, Bangalore & Smt. Shalini Prasad, Joint Secretary (Health), Ministry of Health and Family Welfare New Delhi.



Both the centers are housed in the PHC's of the respective villages. Prior to the initiation of the clinical services, formal approvals were obtained from the Deputy Commissioners, Zilla Panchayat, Gram Panchayat and District Health Officers of the respective districts. A team including 2 Senior Speech Language Pathologist/Audiologist and an ENT Specialist visit the

centers on three days in a week. Video conferencing link to the two villages is also established from AIISH for delivering distance rehabilitation. Screening of Communication disorders are carried out at the PHC's and schools. Orientation programs on prevention and early identification of communication disorders are conducted. Also, hearing aids under ADIP scheme are distributed. New borns and infants in the maternity wards of the PHC's of Hullahalli and Akkihebbalu villages are screened for hearing regularly. School children studying in various schools at Hullahalli and Akkihebbalu villages and the surrounding villages are screened for communication disorders and referred to the respective outreach service centers for further evaluation and rehabilitation. Doctors in the PHC, members of the Gram panchayat, teachers of the schools, health workers such as ASHA, anganwadi, nurses and others are given orientation programs for early identification and prevention of communication disorders. Hearing aids for the needy are provided under ADIP scheme for persons with hearing impairment. Impressions for ear moulds are taken at the centers and processed at AIISH. Those of the clients who require detailed evaluation are referred to AIISH and the subsequent rehabilitation program is conducted by the staff in the centers. Counseling and guidance services form an integral part of the clinical services in these centers.

### 3) The 11th DHLS Study Centre at Bhagalpur, Bihar

The 11th study centre of DHLS program at Jawaharlal Nehru Medical College, Bhagalpur, Bihar was launched on 9th August 2009 on the occasion of 44th Anniversary celebrations of the Institute. Prof. Dayanand Dondgaonkar, Former Vice Chancellor, Maharashtra University of Health Sciences and Secretary General – Associate of Indian Universities, launched the centre through video-conferencing from the Seminar Hall of AIISH, Mysore. Dr. Usha Kachap,



Principal, JLNMC, Bhagalpur was the Guest of Honor. The centre has been linked with AIISH through MPLS VPN connectivity provided by BSNL. Dr. R. K. Sinha, Prof. and Head, Dept. of ENT & Coordinator of DHLS program at Bhagalpur, and Mr. Brajesh Priyadarshi, AIISH Coordinator for Bhagalpur center were present at JLNMC, Bhagalpur during the launching.

#### 4) Executive Council meeting of AIISH

The 53rd meeting of the Executive Council was held on 03.03.2010 under the Chairmanship of Shri Ghulam Nabi Azaad, Hon'ble Minister of Health and Family Welfare, Government of India. Highlights of the meeting are the approval of the following:



- a) Starting new course (affiliated to the University of Mysore) viz., PG Diploma in Neuro-Audiology.
- b) Applying for Accreditation for electro acoustic testing and calibration laboratory from National Accreditation Board for Testing and Calibration Laboratories (NABL), Department of Science and Technology, Government of India.
- c) Implementation of modified Assured Career Progression Scheme (MACPS) to eligible employees of the institute.
- d) Construction of six nos. of Type D staff quarters.
- e) Construction of audiometric rooms with complete acoustic work.
- f) Re-constitution of Academic sub Committee
- g) Procurement of additional 50 acres of land in and around Mysore for the institute.

#### 5) Introducing Ph.D. for External Candidates

Admitting external students for the Ph.D Program, which was on hold for the last 10 years was started during the reporting year. At present there are 7 external Ph.D students, 5 for Speech Language Pathology and 2 for Audiology.

#### 6) First AIISH Alumni Association (AAA) Meet

The first AIISH alumni Meet was held on 25.1.2010 in the AIISH main campus. It serves as a forum to promote and foster relationship between the alumni, present students, staff and the management of AIISH. The basic objective of AAA is to exchange ideas which, besides being mutually beneficial, will generally help to serve the Alma Mater in achieving excellence in



technical education and contributing to improving the quality of life of the general public, as visualized by founders of AIISH.

More than 2500 e-mails were sent to the AIISH alumni. A total of 139 alumni gathered from different parts of the country. A few alumni from abroad and different parts of India took part in the alumni meet through web conferencing. The batches of alumni were shown the different departments and sections of AIISH. A movie on “AIISH genesis and growth: down the memory lane” was screened. The above and another CD on “Glimpses of AIISH entertainment programs” was released by the representatives of different batches of alumni.

#### 7) AIISH - Sarva Shikshana Abhiyaan (SSA) Project

AIISH, Mysore, and SSA Karnataka, joined hands to address academic programs in school children on a faith that 'Encouragement Enables and Discouragement Disables'. This program on 'Sensitivity Training on Academic Problems in School Children' was initiated on 16th March, 2009. This program seeks to sensitize over a thousand Integrated Education Resource Trainers (IERTs) across Karnataka. The lectures & demonstration covers topics on general case history taking; academic problems, emergent literacy skills, early identification and prevention of academic problems; audiological aspects, communication problems and identification of the same in school children; assessment and identification of emergent literary skills; intervention



strategies in classroom settings; developmental/intellectual screening, identification, management and working with problem behavior cases; children with special needs; rights, concessions, privileges and legal perspectives; career planning for children with scholastic problems; counseling and working with families; general health screening on pediatrics, related topics in neurology and ENT, preventive physiotherapy, school based occupational therapy by a dedicated team of resource persons. The theory-practical ratio for program is approximately 30:70. The program includes a 'Course Manual' and an 'Instructor Manual', in English/Kannada along with inbuilt schemes to evaluate the resource persons, participants, the manual and program implementation. The final day of the program includes presentations by the participants through song, drama, and dance and /or other literary presentation. Under this programme a total of 466 IERTs were trained till 31st March 2010.

#### **8) Launch of AIISH Library Portal**

Library Web portal and Digital Library was launched on 10th February, 2010 by Sri. V. Venkatachalam, Additional Secretary Health, Ministry of Health and Family Welfare, New Delhi, and Dr. V. G Talawar, Vice Chancellor, University of Mysore, Mysore. The portal can be accessible at <http://aiish.ac.in>. Through the digital library, the users can access the in-house



publications and research publications of the institute. A total of 89,707 pages of various masters' dissertations, Independent Projects, Doctoral theses and AIISH Research Fund project reports have been digitized.

#### **9) Camp at Lakshadweep**

AIISH organized camps at Lakshadweep islands Amini, Ambroth and Kadamath on 16-20 February, 2010 for the first time. AIISH staff consisting of 10 members screened 583 cases in 3 Islands. Public Education Material on issues related to the speech, language and hearing disorders were issued to the participants and SSA teachers. 64 Hearing aids of various categories were distributed. This camp has evoked good response and the organizers have requested for camps at Lakshadweep islands in future.



#### 10) AIISH Participation at the Convention of Indian Speech and Hearing Association (ISHACON)

At the 42nd ISHACON, AIISH provided a platform for the plenary session on “Feasibility of Distance Education Strategies in Speech Language and Hearing Courses at UG and PG levels” on the 23rd of January 2010. The speakers for this session were Dr. Alice Holmes, Director, Distance Learning Aud. Program, University of Florida, Gainesville, USA, Dr. Joan N. Kaderavek, Prof. Early Childhood, Physical and Special Education, Judith Herb College of Education, University of Toledo, Ohio, USA, Dr. J.P. Singh, Member Secretary, Rehabilitation Council of India, New Delhi, Prof. Ramesh K Oza, Sr. Speech Pathologist & Audiologist, CALISPONICS, Mumbai. The panel discussion started with an introductory presentation on Distance Education by the Moderator Dr. Kalyani Mandke, Audiologist and Speech Pathologist, Mandke Hearing Services, Pune. Each of the four panelists shared their views on the topic for 5 minutes.

Prof. Alice Holmes mentioned that the D. Aud. Program conducted by University of Florida for the last 10 years. As on date, 1328 people have acquired D.Aud degree from their university and 113 have enrolled for the program. Prof. Joan Kaderavek shared her experience is running distance education program in the area of Speech Language Pathology. Prof. Ramesh K. Oza questioned aloud as to how far distance education strategy is feasible to run the speech language

and hearing courses. Dr. J.P. Singh opined that distance education program should be launched to produce more manpower. A lot of thinking needs to go in to plan the theory vs. clinical program. He clarified that the misconception about the quality of distance education program in terms of results has to be cleared. The panelists answered questions from the floor. The panel ended with the moderator summarizing the outcome of the discussion comprehensively.

## ACADEMIC ACTIVITIES

The institute continued to offer 13 different courses viz. 3 Diploma, 2 undergraduate, 3 postgraduate, 2 PG diplomas and 2 doctoral programs. In addition the Post Doctoral Fellowship was awarded. The institute undertook the challenge of offering DHLS at 12 centres, 11 of them having classes through distance mode. All the degree programs had the approval of the University of Mysore and of the Rehabilitation Council of India. Measures were taken to start the P.G. Diploma in Neuro-Audiology, by seeking the approval of the University of Mysore. In all 226 diplomas (including 11 DHLS Study centers), 178 undergraduate, 5 P.G. Diplomas and 138 post graduate students underwent training. In addition, 9 researchers pursued their Junior Research and Post Doctoral Fellowships.



### New admissions

Table 1 depicts the new admissions to various courses in the reporting year. B.Sc. (Speech and Hearing) continued to be the well sought after professional program in the country. 460 students appeared for the B.Sc. (Speech and Hearing) entrance examination conducted at Delhi, Kolkata, Guwahati, Mumbai, Chennai and Mysore. The entrance examination for M.Sc. was conducted at Mysore and 198 and 219 students appeared for M.Sc. (Speech Language Pathology and Audiology) entrance examination, respectively. The institute succeeded in filling up all the seats in M.Sc. (Speech Language Pathology), M.Sc. (Audiology) and B.Sc. (Speech and Hearing).

**Table 1 :** Details of admissions to various courses during the reporting year 2009-10

<b>Course</b>	<b>No. of seats available</b>	<b>No. of students</b>
Diploma (HA & ET)	20	4
DTYHIC	20	8
DHLS (AIISH, Mysore)	20	17
DHLS (Pondicherry Center)	20	19
DHLS (Imphal, Center)	20	20
DHLS (Mumbai Center)	20	14
DHLS (Delhi Center)	20	6
DHLS (Shimla Center)	20	20
DHLS (Ranchi Center)	20	20
DHLS (Cuttack Center)	20	20
DHLS (Ajmer Center)	20	20
DHLS (Lucknow Center)	20	20
DHLS (Jabalpur Center)	20	18
DHLS (Bhagalpur Center)	20	20
B.Sc. (Speech and Hearing)	62	62
B.S.Ed. (Hearing Impairment)	20	5
M.S.Ed. (Hearing Impairment)	20	4
M. Sc. (Speech-Language Pathology)	36	35
M.Sc. (Audiology)	36	36
Ph.D (Audiology)	4	3
Ph.D. (Speech-Language Pathology)	4	2
Post Doctoral Fellowship	2	1
<b>Total</b>	<b>464</b>	<b>374</b>

### Doctoral Program

- Eight Junior Research Fellows (JRFs) are carrying out doctoral research work under the faculty of the institute.
- Ten part-time doctoral candidates are carrying out doctoral research work under the faculty of the institute, of them 3 in Audiology, 6 in Speech Language Pathology, and the remaining one in Speech and Hearing.
- One Junior Research Fellow has submitted the thesis for the award of Doctoral Degree.
- Dr. M. Sandeep and Dr. T. Ananthi were awarded Ph.D. in Speech & Hearing and Dr. Preeja Balan was awarded Ph.D. in Speech Language Pathology.

## Other Programs

### 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 eight 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 6 topics related to preschool children's problem behaviors and various skill training through 9 sessions by the Department of special education in the month of May 2009. One day Practical Orientation about use of Hearing Aid Analyzer by Elkon Bangalore was provided to Special Educators in Learning Hearing aid Settings on 18th November 2009.

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. A few of them are listed below:

### Students' training at the Professional Voice Care Centre

#### Professional Voice Care Center

**Table 2 :** The details of students trained under the professional voice care centre.

Sl. No.	Course Level	No. of students trained	No. of Hours
1.	AIISH Interns	47	816
2.	M.Sc (SLP)	32	389
3.	Other Institution Interns	23	742
	<b>Total</b>	<b>102</b>	<b>1947</b>

### International Guest faculty

- Guest Lecture on 'Usage of Neuroscan' by Mr. Verghese Peter, Research Fellow, Macquirre University, Australia on 16.12.2009.
- Guest lecture on 'Parameters and paradigms in ERP research' by Ms. Hia Datta, Doctoral Student at CUNY, USA on 6.1.2010.
- Guest Lecture by Dr. Sridhar K Murthy, Associate Prof. Auburn University, Board Member – ASHA publication. The topics are (a) cortical potentials and hearing aids (b) Management of APD and evaluation of progress using BIOMARK and (c) Aging and noise exposure, on 2nd January 2010.



- Dr. Joan N Kaderavek, Fulbright Senior Specialist, delivered series of lectures on various topics to PG students, junior research fellows, educators & special educators.

### Seminars / Conferences / Workshops

Apart from conducting several in-house training program to train diploma, undergraduates and postgraduate students, **20 workshops, One International Symposium and One seminar 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 48 workshops conducted by other organizations and 22 workshops/seminars/conferences conducted by AIISH. To mention a few:

- Dept. of Audiology conducted series of workshops on 'Earmould Technology'. This is in connection with the establishment of Central Prosthetic Lab (CPL) which is conceived with the idea of promoting the use of custom ear molds along with the hearing aids. In this Lab, ear impressions that are received from different centers (where facilities for making custom ear molds are not available) are processed and the custom ear moulds are sent back to the centers. During the year, 230 ear impressions that were taken at speech and hearing camps, were processed and sent to the beneficiaries.

In order to train personnel from different special schools in making ear impressions and mailing them to the Central Prosthetic Lab, different groups of individuals from Andhra Pradesh, Karnataka and Tamil Nadu were trained. The details are as follows:

- On 23-24 April 2009 for 22 teachers from special schools in Tamil Nadu
- On 23-24 July 2009 for 10 teachers from special schools in Tamil Nadu
- On 30-31 March 2010 for 16 teachers from special schools from Karnataka, Tamil Nadu and Andhra Pradesh
- Department of Audiology in collaboration with the WHO organized Workshop on Public education material for persons using hearing aids on 2.5.2009. Sri. Krishna Vattam, Editor-in-Chief, Mysore Mail and Prajanudi was the Chief Guest. Mr. Ravindra Bhatt, Chief Reporter, Prajavani was the Guest of Honour.



- Workshop on 'Frequency Modulation (FM) System' organized by the Dept. of Special Education was held on 19.6.2009.
- One day workshop on “Adobe editing and publishing products” was organized by Dept. of Electronics at the mini seminar hall, Academic Block on 3rd July, 2009 for the faculty and staff of various departments of AIISH.
- One day workshop on “Issues and Strategies for Development of Human Resources for Deafness Prevention, Identification and Management” in collaboration with WHO was held on 14.8.2009.
- One day workshop on “Transitional Services for Learners with Hearing Impairment” organized by the Dept. of Special Education 19.08.09.
- The ENT Dept. conducted one day Workshop on “Treatable Hoarse Voice on 26.8.2009.
- Dept. of Audiology conducted a 'Seminar on Issues related to identification, diagnosis and management of individuals with cochlear dead regions' on 7th September 2009.
- Workshop on 'Audiology for Educators' organized by Dept. of Special Education was held on 15.10.2009.



- International Symposium on Bilingual Aphasia was organized by the Department of Speech-Language Pathology on 4–5 January, 2010. Dr. S.B. Vikram, Managing Director, Vikram Hospital was the Chief Guest and Dr. Rajesh Sachdeva, Director, CIIL, Mysore was the Guest of Honor.



- A workshop on “Listening Training Methods” and “Effective Listening Training” was organized on 29-30 January, 2010. The program was conducted by staff of the Audiology Dept. & Jaspal Chowdhary, Habilitation Manager, South Asia, Cochlear Limited, Australia. Dr. Vijayalakshmi Basavaraj, Director, AIISH inaugurated the program.
- Department of Audiology conducted a workshop on Fine tuning of digital hearing aids for practicing audiologists on 30th March 2010.

### Membership

- Dr. Vijayalakshmi Basavaraj continued as member of the:
  - a) Central Coordination Committee under National Program for Prevention and Control of Deafness at DGHS, New Delhi
  - b) Sub-Committee for IEC under Central Coordination Committee (CCC) for development of IEC strategies for the pilot phase of the project.
  - c) Sub-Committee under Central Coordination Committee to develop technical specifications.
- Member of the committee for selection of physically handicapped students for scholarship for the year 2008-09 at the University of Mysore, Mysore.
- Member, Committee for “Providing lessons in Kannada in the form of a CD for B.Ed. in Special Education course” conducted at Karnataka State Open University, Mysore for the year 2009-10.
- Member, Board of Undergraduate and Postgraduate Studies in Allied Health Science, Sri Devaraj Urs Academy of Higher Education & Research, Kolar for the year 2009.

- Principal Member, Ear, Nose and Throat Surgical Instruments Sectional Committee of Medical Equipment and Hospital Planning Department (MHD) 04 of the Bureau of Indian Standards, New Delhi.
- Member, National Task Force for technical evaluation of proposals received under Cognitive Science Research Initiative (CSI), Government of India, Ministry of Science and & Technology, Department of Science and Technology, New Delhi.
- Member, LITD, Electronics and Information Technology Department, Bureau of Indian Standards, New Delhi.
- Member, Academic Committee, Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai for 2010-2012.
- Member, Project Review and Steering Group (PRSG) of Media Lab Asia Project entitled "Satellite/Internet based National Network for Education, Training and Empowerment of Disabled" with RCI as its research partner, New Delhi.
- Member, Governing Council JSS Institute of Speech and Hearing Mysore.

### **LIBRARY AND INFORMATION CENTRE**

The AIISH library and information centre is the main outstanding learning resource centre and one of the best specialized libraries in the country in the field of communication disorders, and 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 areas of speech, language and hearing and it's allied fields. It caters to the faculty, researchers, students 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 Library is open from 8.30 am to 8.00 pm from Monday to Friday and from 9.00 am to 5.00 pm on Saturdays.

#### **Collection, Development and Management**

The collections of the library includes books, journals, doctoral theses, masters dissertations, departmental projects, independent projects, PG Diploma Independent Projects and other non-book materials is regarded as one of the richest collections in the country, in the field of Audiology, Speech-Language Pathology, Speech-Language Sciences, Special Education and it's allied fields. All the acquired books are classified, catalogued using Dewey Decimal Classification (DDC) scheme and AACR II. The entire collection is organized in a systematic order and kept ready for use. Care is taken so that users locate the desired document quickly.

Library activities are computerized using integrated library management software. The OPAC is one of the most heavily used databases of the library and is accessible all the time. Readers find it more comfortable and retrieval is expeditious.

### Electronic Journal

The AIISH Library currently provides access to 28 electronic journals (12 are subscribed e-journals and 16 are against print subscription). Through Electronic Resources in Medicine (ERMED) consortium, AIISH is getting online access as on date 2756 journals of National Medical Library to encourage the spirit of research among faculties, students and researchers of the institute.

### Digital Library

The library has independent servers with PCs and other accessories to provide facility for browsing, electronic mailing and availing the facility of using online databases.

Library Web portal and Digital Library was launched on 10th Feb. 2010 by Dr. V. G Talawar, Vice-chancellor of University of Mysore and Sri. V. Venkatachalam, Additional Secretary, Ministry of Health and Family Welfare, New Delhi. This can be accessible ubiquitously. Through the digital library the users can access to in-house and research publications of the institute.

Total No. of Volumes of books as on 31st March 2010 is 16,834. 559 Volumes were added during the year. 69 Journals were subscribed, print subscription was 57, and online full text journals were 12. A total of 1,23,707 books & journals were issued and consulted from 1st April to 31st March 2010. No. of outside members enrolled during the reporting year were 671. More than 89,707 pages of various dissertations, Independent Project's & AIISH Research Fund projects have been digitalized.

## 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, 3 Extramural funding research projects, 29 AIISH Research Fund projects and 5 departmental research projects were underway. 11 in-house projects 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, 189 publications. These included 12 International publication, 83 national publications, 18 internal publications, 4 books and 20 chapters in books. In addition to this papers were published in 8 National and one International proceedings of symposiums. Some of them are listed below :

### Books / Chapters in Books

- Basavaraj, V. (2008). Chapter titled 'Hearing Aid Provision in Developing Countries: An Indian Case Study' in Bradley McPherson, Ron Brouillette (ed). Audiology in Developing Countries, Chapter 8, pp.155-166, Nova Science Publishers Inc., New York.
- Venkatesan, S. Chapter titled 'Cognitive Behavior Group Therapy in Mathematics Anxiety' co-authored by Ayatollah Karimi published in book titled 'Recent Studies in

School Psychology', Edited by Panch Ramalingam and foreword by Professor Bill Pfohl, President, International School Psychology Association, in January, 2010.

- Venkatesan, S. (2009). "Gessells Drawing Test of Intelligence". Bangalore: Psychotronics.
- Prema K.S. Rao, Shanbal J.C & Khurana S. (2010). 'Bilingualism and Biliteracy: Implications for educational Practice'. In John Petrovic (ed.). International Perspectives on Bilingual Education: Policy, Practice and Controversy, Information Age Publishing Series, NC, USA.

### **International Journal Publication**

1. Christine Turgeon, Michele Doslaler, Yathiraj, A & Andre Marcoux (2009). Hearing aid noise reduction algorithms and the acquisition of novel speech contrasts by young children. Canadian Journal of Speech Language Pathology and Audiology, Vol.33, No.3, pp.140-145.
2. Preeja Balan and Manjula, R., (2009). Communication Functions, Modalities and Maternal Responses in Children with Severe Speech and Physical Impairment. Asia Pacific Journal of Speech, Language and Hearing, Vol. 12 (1), pp.27-56.

### **Online journal publication**

1. Mandira, B., Natasha, R & Shyamala, K.C. (2009). Socio - linguistic Constraints of Code Switching in Hindi - English - Kannada Multilinguals, Vol. 9 (12), pp.75-89 [www.languageinindia.com](http://www.languageinindia.com)
2. Rajalakshmi, K., reviewed an article entitled, the possible influence of noise frequency components on the health of exposed industrial workers-A review by Mahendra Prashanth K.V and Shridhar V in the 'A Journal of Noise and Health Vol.33. <http://www.journalonweb.com/nah>.
3. Shyamala, K.C. (2009). Bi/Multilingualism and Issues in Management of Communication Disorders with Emphasis on Indian Perspectives, Online Journal Vol. 9(8), August 2009, ISSN 1930-2940 pp.400-429 [www.languageinindia.com](http://www.languageinindia.com)
4. Shyamala, K.C. Deepa Nayak, M.S., Avanthi, N., Abhishek, B.P (2009). Phonological, Grammatical and Lexical Interference in Adult Multilingual Speakers. Vol. 9 (6), June 2009. ISSN 1930-2940 pp.11-22 [www.languageinindia.com](http://www.languageinindia.com)

### **Journal of AIISH**

Vol. 28 of the Journal of All India Institute of Speech & Hearing (JAIISH) ISSN No. 0973-662X including 25 articles was published in the year 2009. Journal of AIISH in its volume 28, 2009, introduced a new section of 'Book Review'. This volume published a review on the book "Status of Disability in India – 2007" Vol. 1 – Hearing Impairment & Deaf Blindness a book of value for the professionals in the field published by Rehabilitation Council of India. The Chief

Editor of this book is Dr. S. Nikam former Director of AIISH. The review is by Dr. N Rathna, former Director of AIISH Mysore & AYJNIHH, Mumbai.

### **Sale of AIISH publications**

AIISH Publications including Journal of AIISH worth Rs. 43,290 were sold in the 42nd ISHACON held at Bangalore in January 2010.

### **Research presentation/participation**

Several papers were presented by faculty and staff in the International and National context. Some of them are as follows:

#### **Participation in International Conferences/Seminars/Workshops/Training Programs**

- Basavaraj, V. (2009). High Risk Screening versus Universal Screening. Inter-country Consultation meeting for developing guidelines regarding infant hearing screening in the region. The Society for Sound Hearing 2030 and WHO at Kathmandu, Nepal. Dr. Vijayalakshmi Basavaraj was the country representative for the WHO meet.
- Basavaraj, V. (2009). Modalities for Universal/Targeted Screening. Inter-country Consultation meeting for developing guidelines regarding infant hearing screening in the region. The Society for Sound Hearing 2030 and WHO at Kathmandu, Nepal.
- Shyamala, K.C. (2010). Bi/Multilingualism & Issues in the Assessment & Management of Communication Disorders. Invited Keynote address at 7th International Symposium on Bilingualism (ISB7) held from 8-11th July 2009 at Utrecht, Netherlands.

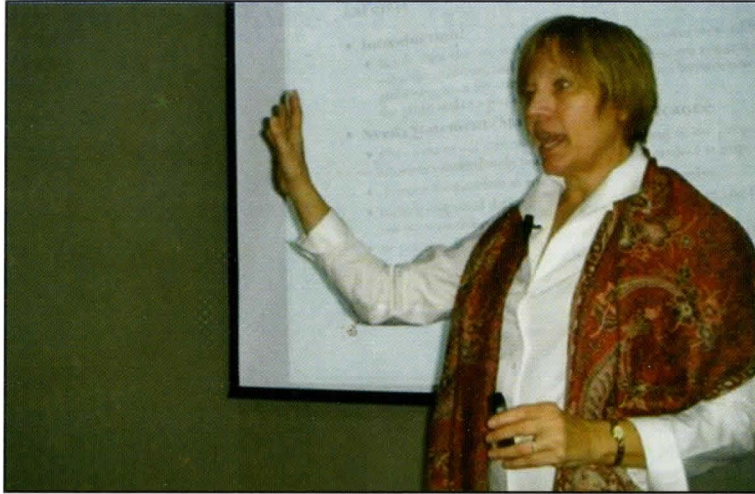
#### **Participation in National Conferences/Seminars/Workshops/Training Programs**

The faculty and students presented 60 scientific papers at various national conferences during the year. Few of the papers presented at various conferences are listed:

1. Ajish K. Abraham (2009). "Technology & Instrumentation for Speech & Hearing", presented a paper at the RCI-CRE program, organized by Sweekar Rehabilitation Institute for Handicapped, Secunderabad, from 22nd to 23rd October 2009.
2. Ajish K. Abraham (2009). Active Noise Cancellation of HVAC System Noise in Audiometric Test Rooms. In proceedings of the International Conference on Electronic Design & Signal Processing – ICEDSP09 organized by Manipal Institute of Technology, Manipal, from 10th to 12th December 2009.
3. Anjana, A. V., Sharon Susan Sam, Sree Pallavi & Shyamala K. C. (2010). Cross Linguistic Structural Priming in Bilingual Persons with Aphasia. Paper Presented at International Symposium on Bilingual Aphasia held during January 4-5, All India Institute of Speech and Hearing, Mysore, India.
4. Basavaraj, V. (2009). 'Issues to be addressed in early identification and intervention of hearing impairment in children' presented a paper at one day WHO workshop on "Issues

- and Strategies for Development of Human Resources for Deafness Prevention, Identification and Management” held on 14.8.2009 at AIISH, Mysore.
5. Gayathri, K., Sreedhar Priyashree., & Brajesh Priyadarshi. (2010). Inter-Cultural and Intra Cultural Variations in Nonverbal Communication: A Preliminary Study in Indian Context. The paper was presented in SCONLI - 4 held at Mumbai University. (17th February).
  6. Manju, M.P., & Prema, K.S., “Direct Instruction, Translation, and Priming: Effect on LTM in bilinguals”. Paper accepted for presentation in 31st ALL – INDIA CONFERENCE OF LINGUISTS, AICL, 6-9 December, 2009.
  7. Prema, K.S. (2009). Presented a theme paper on 'Development of Literacy in India : Key challenges' at workshop on Specific Learning Disability and 'Core Group Meet' organized by the Center for Educational and Social Sciences (CESS) at Bangalore on 11.5.2009.
  8. Rajasudhakar, R., Savithri, S.R Presented a paper on “Voicing Periods in Daily and Weekly Speech of a Primary school Teacher” in 11th International Symposium on Frontiers of Research on Speech and Music (FRSM) of the Sangeet Research Academy, December 2009, Gwalior.
  9. Savithri, S.R., Rajasudhakar R., (2009). Presented a paper on “Fundamental Frequency and Perturbation Changes under Voice Loading” in 13th National Symposium on Acoustics, November 2009, Hyderabad.
  10. Saxena Udit, Tripathy Rajesh, Rajalakshmi, K., (2009). The role of efferent auditory system in temporal processing in different age groups. National Symposium on Acoustics (NSA) 2009, Hyderabad.
  11. Sangeetha, M. & Pushpavathi, M., (2009). Kannadigara angla lekha parichedada ucharaneyalliruva anunasikatheya matta : ondu adyayana presented in 5th Kannada Vignana Sammelana , held in Mangalore.
  12. Shyamala, K. C., Sunil Kumar, R. (2010). Brain and Language disorders. Key note address presented at Seminar on Brain Awareness held at CREA, Hyderabad on 28th, March.
  13. Venkatesan, S. (2010). Cultural Factors in Clinical Assessment: The Indian Perspective 36th National Annual Conference of Indian Association of Clinical Psychologists (NACIAPP-2010) NIMHANS, Bangalore.

**Dr. Joan N Kaderavek**, professor, Early Childhood, Physical and Special Education, Judith Herb College of Education, University of Toledo, Ohio, USA, was at AIISH as a Fulbright Senior Specialist from January 25th to February 12th 2010. She delivered lectures on the following topics:



- Model for clinical decision making for SLP's in training'. The program was conducted via videoconferencing across 12 centers of AIISH from 9.30 to 11.30 a.m. on 4.2.2010
- Research and writing for publication' to PG students, JRF's and staff from 9.30 am to 11.30 am on 5.2.2010
- Science discourse at work to build-up language in preschoolers' to Educators and Special educators from 10 am to 1.00 pm on 6.2.2010
- Promotion of early literacy skills in preschoolers' to teachers of preschools from 2 pm to 4 pm on 8.2.2010
- Shared book reading for children with HI' to Special Educators from 9.30 am to 10.45 am. on 10.2.2010

### Awards and Honors

- Dr. Vijayalakshmi Basavaraj (2009). received the “Visvesvaraya Vijnana Puruskara award at the 5th Kannada Vijnana Sammelana organized by Swadeshi Vijnana Andolana-Karnataka Bangalore organized jointly with Mangalore University at Mangalore – 15.9.2009.
- Easwar, P., Manjula R., Bhavya M., Indlamuri R.C., Antony S., won the best paper award for the paper title 'Awareness amongst married and unmarried Indian women regarding consanguineous marriage' Comparison of educational, geographical, economical and social factors presented in the session on Socio economic including Economics, Politics, History, Commerce and Management (Kautilyam) in the 2nd National Women's Science Congress held on 7-9 November, 2009.
- Yathiraj, A., (2009). Won the best paper award for the paper titled, 'Importance of an appropriate map in cochlear implant users to develop communication using the auditory mechanism' in 2nd National Women Congress held at AIISH, 7-9 November, 2009 for the theme 'Speech, Language, Hearing Sciences and Disorders'.

- Muthu Selvi T., Yathiraj, A. Dr. N.R. Chaudhary Memorial Award for the best paper in Audiology 42nd ISHACON, 22–24 January, 2010. Prediction of auditory processing difficulties from the screening checklist for auditory processing (SCAP).
- Raheja, I., Verma, N., Sandeep, M., received best paper award in Audiology in the 42nd ISHACON, 22–24 January, 2010 for the paper titled, 'Sub cortical processing in vocal musicians and dancers'.

### Visitors

- Dr. Virinder Sahni, Director, Sant Longowal Institute of Engineering and Technology, Govt. of India, Ludhiana, Punjab on 25th June 2009.
- Late Prof. Dayanand Dondgaonkar, former Vice-Chancellor, Maharashtra University of Health Sciences, & Secretary General, Association of Indian Universities visited the institute on 9th August 2009.



- Sri. A.M Prasad, IGP and Director, Karnataka Police Academy visited AIISH on Open Day inauguration on 30th October 2009.
- The Pro-Vice Chancellor and couple of faculty, Kalasalingam University, Tamil Nadu visited the institute on 25th November 2009.
- Dr. Ken Pugh visited the institute on 26th November 2009 and delivered a lecture.
- Prof Alice Hoimes, Professor and Director, Distance Learning, Aud program and Dr. Rahul Srivastav, Associate Professor, University of Florida, USA visited the institute on 20th January 2010.
- Padmashree and Right Livelihood Awardee Dr. Hanumanthappa R. Sudarshan, President of the Vivekananda Girijana Kalyana Kendra (VGKK), visited the institute on 10th February 2010.
- Sri V. Venkatachalam, Additional Secretary, Ministry of Health and Family welfare, New Delhi, visited the institute on 10th February 2010.

- Dr. Joan N Kaderavek, Professor, Early Childhood, Physical and Special Education, Judith Herb College of Education, University of Toledo, Ohio, USA visited on 21st February 2010.
- Dr. Mahesh Joshi, Senior Director, Doordarshan Bangalore visited AIISH on 26th February 2010.
- Dr. Lazar Mathews – Director and Dean, Vellore Institute of Technology, Vellore visited the institute on 12th March 2010.

## CLINICAL SERVICES

The institute offers a wide range of clinical services to persons with communication disorders, their family. The Department of Clinical Services is one of its kinds in the country. A team of Speech Language Pathology and Audiology, and allied medical and non-medical professionals cater to the 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, 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 47,370 clients have been registered for assessment of speech, hearing and language disorders. This includes 18,916 new clients and 28,454 clients. A total of 7,282 and 12,209 clients were seen in speech and language OPD and audiology OPD, respectively.



Clients requiring further management are provided with speech and language therapy services for a number of sessions with a daily session of 45 minutes duration. A total of 5,566 clients attended speech and language therapy and a total of 26,144 speech and language therapy sessions were provided in the said year. Apart from supervision and counseling faculty and clinical staff provided support and guidance to parents for home training. In addition, the clients were referred for various other therapy programs (for e.g. Physio therapy, Occupation therapy, autism therapy, etc) by the concerned supervisors.



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 under the Department of Speech Language Sciences.

Tables 3-29 depicts the statistics of clients registered in the different departments and various other statistics related to services.

## CLINICAL STATISTICS OF VARIOUS DEPARTMENTS

## Department of Audiology

**Table 3 :** Age wise statistics of clients.

Age group	Hearing Evaluation		Hearing Aid Trial		HAT Counseling		Ear moulds	
	Male	Female	Male	Female	Male	Female	Male	Female
00-01	109	74	117	86	39	23	35	26
02-05	642	508	674	586	274	182	271	223
06-10	434	384	474	337	183	136	163	125
11-15	351	374	266	215	152	104	133	112
16-20	391	374	289	169	136	101	107	68
21-25	403	377	233	144	134	86	78	51
26-30	379	377	209	132	133	89	55	49
31-35	382	318	184	88	110	59	54	37
36-40	309	324	181	110	113	72	65	30
41-45	356	330	166	109	130	85	66	37
46-50	281	268	212	151	133	116	63	49
51-55	361	327	225	112	159	81	66	33
56-60	323	323	317	146	221	118	105	55
61-65	357	300	393	147	294	106	104	55
66-70	316	278	417	147	306	119	120	53
71-75	315	244	358	142	293	78	104	44
76-80	172	123	303	87	215	44	71	26
81-85	117	105	126	51	84	34	51	20
86-90	68	21	38	11	44	4	0	0
91+	9	8	18	4	10	4	0	0
Total	6075	5437	5200	2974	3163	1651	1711	1093
	11512		8174		4814		2804	
Grand Total - 27304								

**Table 4 :** Clients seen in hearing evaluation section.

Total no. of clients evaluated/screened for hearing problems	12209
No. of clients seen for hearing evaluation at AIISH	11512
No. of clients seen for hearing evaluation at camps	695
No. of ears tested	18219
• Normal hearing	3381
• Conductive hearing loss	2478
• Mixed hearing loss	4029
• Sensori-neural hearing loss	7798
• * Others	928
No. of audiogram copies issued	8940
No. of Hindi cases	433
No. of certificates issued	2077
• Financial aid	1088
• Admission to school for the deaf	89
• Physically handicapped	480
• Tax exemption	80
• Education scholarship	91
• At camp	172
• Others	124
Clients History taken	12292
Pure tone audiometry	10445
Speech audiometry	10586
Immittance	11105
BOA	714
ABR	2708
OAE	493
VRA	41
CAPD tests	11
VEMP	16

\* Re-evaluation suggested, test incomplete, etc.

## Department of Clinical Psychology

**Table 5 :** No. of clients evaluated and offered therapeutic services.

Sl. No	Particulars	Total No. cases	Total No. sessions
1	New cases	4504	-
2	Re-evaluation cases	827	-
3	Behavior therapy	219	1122
4	Behavior modification	317	862
5	Home based training program for MR/SLD	485	952
6	Remedial training for SLD cases	338	1456
7	Intensive parent counseling program	324	324
8	Neuropsychological re-training program	-	-
9	Vocational guidance	-	-
10	Group counseling	-	-
11	Parent counseling program	5290	5290

### Parental Group counseling

This program started in month of December 2007 by the department for the parents of children with various developmental communication disorders. This is an ongoing activity. The counseling is carried out in three languages (Kannada, Hindi and English) batch wise with 10 members in a batch. So far, the departmental staff have successfully carried out 5 programs.

### Benefits and concessions

All eligible and deserving cases were issued appropriate certificates stating the nature and extent of their disability. The various concessions and social/economic benefits including certificates for financial assistance, travel concessions, income tax rebates, special school admissions, exemptions from second language study in school, L.I.C. /U.T.I. schemes etc. Psychological reports were issued on request from professional peers for academic and administrative purposes. Reports were provided for medico-legal cases and expert opinion was provided during court proceedings.

**Table 6 :** Benefits and concessions provided to cases from Psycho-diagnostics.

Sl. No.	Particulars of case	Total. No
1	M.R. certificates for financial assistance	2021
2	Railway concessions for M.R.	107
3	Income tax Rebate for parents of M.R.	40
4	Psychological reports for special school admissions	224
5	Certificate for language exemption for special children	85
6	LIC/UTI deposits for MR persons	20
7	Medico-legal cases	3
8	Court appearance for rendering expert opinion	3

### Department of Clinical Services

**Table 7 :** Agewise statistics of Clients registered.

Age Group	Male	Female	Total
0-5	1633	1089	2722
5-10	1340	792	2132
10-20	1937	1216	3153
20-40	3223	2040	5263
40-60	2045	1210	3255
60-80	1511	684	2195
80+	146	50	196
<b>Total</b>	<b>11835</b>	<b>7081</b>	<b>18916</b>

**Table 8 :** Month-wise registration at the dept. of Clinical Services.

Months	New Clients	Follow up clients	Total	No of Working Days	Daily Average
April	1389	2304	3693	18	205
May	1811	2803	4614	21	220
June	1712	2767	4479	22	204
July	1751	2700	4451	23	194
August	1585	2212	3797	20	190
September	1461	1825	3286	20	164
October	1754	2322	4076	21	194
November	1657	2246	3903	20	195
December	1684	2071	3755	21	179
January	1455	2316	3771	19	198
February	1300	2430	3730	20	187
March	1357	2458	3815	22	173
<b>Total</b>	<b>18916</b>	<b>28454</b>	<b>47370</b>	<b>247</b>	<b>192</b>

**Table 9 :** Statistics of Clients seen in Speech & Audio OPD.

Particulars		Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Total diagnostic cases	New	520	733	636	644	555	422	540	480	563	525	439	460	6517
	Repeat	94	69	83	73	50	50	52	48	33	47	72	94	765
	Total	614	802	719	717	605	472	592	528	596	572	511	554	7282
Speech Lang. OPD		614	802	719	717	605	472	592	528	596	572	511	554	7282
Audiology OPD		882	1028	1007	1123	1043	1012	1171	1159	1073	935	862	914	12209

**Table 10 :** Disorders-wise distribution of diagnostic cases seen in OPD-Speech language.

Disorder / Months	Language Disorders			Voice Disorders			Fluency Disorders			Articulation Disorders			Multiple Disorders		Normal			Total
	C	A	G	C	A	G	C	A	G	C	A	G	C	A	C	A	G	
April	325	68	4	9	27	6	46	19	0	59	2	2	22	3	11	8	3	614
May	427	75	9	30	48	22	81	17	1	48	10	0	16	2	10	4	2	802
June	390	138	4	5	31	10	33	22	0	41	8	1	7	5	12	12	0	719
July	366	147	10	8	33	9	14	24	0	25	18	3	22	2	8	25	3	717
Aug	309	121	10	13	24	6	21	27	2	20	12	0	4	0	19	17	0	605
Sep	227	87	5	2	24	3	19	23	0	37	14	1	6	0	9	11	4	472
Oct	301	78	12	18	27	10	34	17	1	24	8	5	23	1	16	17	0	592
Nov	286	96	8	13	32	7	23	12	0	19	6	1	4	0	2	17	2	528
Dec	300	109	8	11	28	9	31	24	3	22	7	5	4	0	14	19	2	596
Jan	285	91	12	13	24	6	24	22	2	22	16	0	15	1	17	18	4	572
Feb	310	72	6	14	19	9	15	19	1	21	6	0	1	1	10	7	0	511
Mar	344	74	0	10	19	11	13	19	1	29	11	0	2	0	11	10	0	554
Total	3870	1156	88	146	336	108	354	245	11	367	118	18	126	15	139	165	20	7282
Disorder wise	5114			590			610			503			141		324			
Overall total	7282																	

\*C- Child, A- Adult, G-Geriatric

**Table 11 :** Statistics of Rehabilitation Services provided in the Department of Clinical Services.

Disorders-wise distribution of Therapy Clients from Apr 2009 – Mar 10																	
Disorders	Language Disorders			Voice Disorders			Fluency Disorders			Articulation Disorders			Multiple Disorders				
	C	A	G	C	A	G	C	A	G	C	A	G	C	A	C	Total	
Months																	
April	394	11	0	2	8	3	32	28	0	29	2	0	49	0	0	558	
May	304	34	4	1	13	0	65	21	0	54	25	1	24	0	0	546	
June	232	24	3	4	7	0	4	1	0	25	14	0	35	0	0	349	
July	179	20	0	14	1	0	28	41	0	31	3	0	55	1	0	373	
Aug	295	07	1	6	7	0	9	29	0	3	2	6	50	1	0	416	
Sep	195	114	2	16	20	1	16	31	0	6	4	0	61	2	0	468	
Oct	325	10	1	11	13	0	17	12	1	10	4	0	65	5	0	474	
Nov	299	35	2	16	9	1	20	32	0	16	4	0	34	3	0	471	
Dec	311	63	0	6	29	2	15	31	1	3	3	0	74	9	0	547	
Jan	226	26	10	7	42	4	14	22	1	5	3	0	83	1	0	444	
Feb	336	42	0	7	17	4	20	16	0	14	6	0	23	4	0	489	
Mar	347	02	2	4	0	0	3	32	1	6	0	0	33	1	0	431	
Total	3443	388	25	94	166	15	243	296	4	202	70	7	586	27	0	5566	
Disorder wise	856			275			543			279			613				
Overall total	5566																

\*C- Child, A- Adult, G-Geriatric

**Table 12 :** Clinical Services in the Fluency Unit.

Particulars	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
No. of Cases	60	86	5	69	38	47	30	52	47	37	36	36	543
No. of Sessions	285	381	50	138	238	274	295	253	181	128	204	159	2586

### Department of ENT

The following are the number of clients examined at the Dept. of ENT and K. R. Hospital, Mysore.

**Table 13 :** Details of clients seen in the Dept. of ENT.

	AIISH	K R Hospital
New Cases	15, 834	5, 948
Follow up cases (Old)	14,981	6,523
Microscopic examination	13,713	--
Endoscopic examination	334	--
Major operations	--	262
Minor operations	--	27

### Department of Electronics

Hearing Aid issue & Electro-acoustic evaluation

#### (i) ADIP scheme, Ministry of Social Justice and Empowerment, Govt. of India.

Department of Electronics distributes free hearing aids and solar battery chargers under ADIP scheme of Ministry of Social Justice and Empowerment to the eligible hearing impaired people.

**Table 14 :** Hearing aids & Solar Battery Chargers issued under ADIP Scheme.

Sl. No.	Item	No. of hearing aids
1	Hearing aids and Solar Battery Chargers issued at the institute	4167
2	Hearing aids and Solar Battery Chargers issued at the speech and hearing camps	493
	<b>Total</b>	<b>4660</b>
3	Internal revenue generated through infrastructure assistance and fitment charges (@ Rs.110/- per hearing aid and Solar battery charger)	<b>5,12,490</b>

#### (ii) AIISH Hearing aid dispensing scheme

The institute has a scheme for dispensing all types of hearing aids at concessional rates. In the report year, 818 hearing aids of different categories and types were distributed under this scheme. Testing, electro-acoustic evaluation and issue of these hearing aids and their after sales service are undertaken by the department.

## Department of POCD

### 1. Infant screening program :

Infant screening was carried out throughout the report year in 10 hospitals [Basappa Memorial Hospital, Combined Hospital, Harsha Hospital, Kamakshi Hospital, K.R. Hospital, Makkala Koota Immunization Center, Mission Hospital, and N.P.C. Hospital & S.M.T.D.H] in Mysore. New born infants were screened for hearing using Behavioral Observational Audiometry (BOA), Oto-acoustic Emissions (OAE) screening and administering High Risk Register (HRR). High risk registers were administered to identify those at risk for communication disorders.

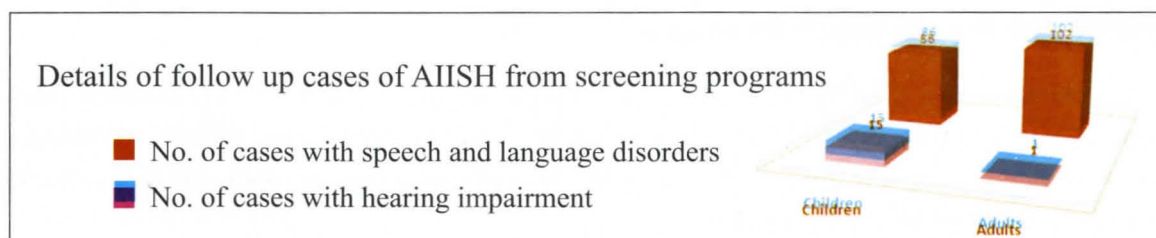
**Table 15 :** Details of new born infants screened for hearing and communication disorders in the report year.

Months	Total No of infants screened	Male	Female	Total Referred for follow up
Apr 09	986	524	462	91
May 09	963	494	469	93
June 09	1100	601	499	168
July 09	1063	526	537	105
Aug. 09	1101	587	514	74
Sept. 09	1167	624	543	71
Oct. 09	1041	543	498	47
Nov. 09	920	480	440	59
Dec. 09	934	517	417	65
Jan 10	1005	556	449	32
Feb 10	1059	535	524	87
Mar 10	1077	562	515	118
Total	<b>12416</b>	<b>6549</b>	<b>5867</b>	<b>1010</b>

### Follow up of referred clients at AIISH

Effort to strengthen the follow up of clients referred for detailed investigations for hearing and speech language functions is made by contacting the clients / caregivers through telephone, wherever the telephone numbers are available and through letters (for the rest of the clients). Figure 1 shows the details of those clients who reported at AIISH from various programs conducted by the department such as infant screening, school screening, screening industrial workers and screening at camps.

**Figure 1:** Details of follow up clients of the POCD department in the report year.



## Department of Speech Language Pathology

### A. Diagnostic services

**Table 16 :** Evaluation of cases.

Type of the disorder	Total No. of cases evaluated
1. Language Disorder	4040
2. Speech Disorders	
a. Voice disorders	301
b. Disorders of Phonology	298
c. Disorders of Fluency	444

### B. Therapeutic program: Supervision of cases with Speech Language disorders

**Table 17:** Evaluation of cases.

Type of the disorder	Total No. of cases supervised
1. Language Disorders	1695
2. Speech disorders:	
a. Voice disorders	23
b. Disorders of Phonology	47
c. Disorders of fluency	08

## Department of Speech Language Sciences

**Table 18 :** Diagnostic services and Therapy Supervision.

Unit	Diagnostics (No. of cases)	Therapy (No. of cases)
Voice	30	70
Phonology	45	51
Fluency	40	56
Language	362	440
Voice care centre	44	29
<b>Total</b>	<b>521</b>	<b>646</b>

## SPECIALIZED CLINICAL SERVICES

### Department of Audiology

#### Listening Training Unit

Listening training was provided for clients who use hearing devices or for clients with CAPD. Clients who undergo training in listening, communication strategies are trained by student clinicians under the supervision of the staff. Table 19 provides the details of the clients who have undergone listening training:

### Cochlear Implant Program

In order to determine candidacy for Cochlear Implant, detailed assessments were carried out on individuals who derived limited benefits from hearing aids. 35 of such individuals were recommended a Cochlear Implant. These individuals were referred to centres in Bangalore where cochlear implant surgeries are performed. After the implantation, mapping the speech processor of the cochlear implant was carried out in 67 sessions. Benefit from cochlear implant was assessed on 33 clients. In addition to mapping, listening training is provided to enable the clients using cochlear implants to acquire communication skills.

**Table 19 :** Clients seen in listening training unit.

Total no. of clients seen	2018
Total no. of sessions	10563
Number of DT clients	130
Number of new clients	326
Number of repeat clients	1592
Number of clients discharged	89
Number of clients discontinued	88
Parent counseling session (Individual)	110
Hindi clients	199
No. of clients for CI	24
No. of sessions for CI	616

### Department of Clinical Services

**Table 20 :** Clients seen in specialized clinical services and consultant specialists.

		Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
PT	Cases	59	67	52	34	15	42	51	69	47	49	38	46	569
	Session	272	249	245	110	152	171	339	450	269	275	326	384	3242
O T	Cases	71	79	74	71	96	91	47	30	20	31	29	63	702
	Session	323	397	328	452	485	456	203	95	85	194	269	385	3672
Neurologist		12	41	48	39	34	24	52	48	39	36	28	48	449
Pediatrician		4	24	24	23	26	23	35	23	15	23	24	37	281
Phono Surgeon		0	01	01	0	0	01	0	02	6	03	02	01	17
Plastic surgeon		13	15	8	18	6	13	12	10	12	08	08	0	123
Prosthodontist		6	15	0	6	5	4	6	02	02	02	08	01	57

**Table 21 :** Shows details of certificate Issued.

Sl. No.	Particulars	Total
1	Transfer certificate	37
2	Case report	824
3	Attendance certificates	35
4	School admission certificate/ language exemption certificate	64
5	Correspondence by e-mail	41

## Department of Speech Language Pathology

### 1. AAC Unit

**Table 22 :** Statistics of clinical activities of the unit.

Sl. No.	Details	Total No. of cases
1.	New cases evaluated	32
2.	Evaluation Sessions	36
3.	Therapy cases seen	284
4.	Therapy Sessions	1636
5.	D.T. Cases	5
6.	Home training cases	6

### 2. ASD Unit

**Table 23 :** Statistics of clinical activities of the Unit.

Sl. No.	Details	Total
1.	No. of cases evaluated	258
2.	No. of assessment sessions	262
3.	No. of therapy cases	601
4.	No. of therapy sessions	3269
5.	No. of D.T. cases	49
6.	No. of cases discharged	29
7.	No. of cases discontinued	10

### 3. Craniofacial Unit

**Table 24 :** Statistics of clinical activities of the Craniofacial Unit.

	<b>Children</b>	<b>Adults</b>
No. of clients evaluated by plastic surgeon	102	27
No. of clients evaluated by prosthodontist	49	-
No. of clients recommended for surgery	25	15
No. of clients recommended for speech therapy	58	9
No. of client recommended for prosthesis	11	-
No. of session taken for preparation of prosthesis	44	-
No. of speech prosthesis prepared	09	
No. of cases attended speech and lang. therapy	56	6

### Department of Speech Language Sciences

#### Professional Voice Care Centre

44 clients were evaluated in the professional voice care centre and consultancy was offered to 4 clients.

### Department of Special Education

#### Preschool Training for Children with Communication Disorders

Preparatory training for schooling is offered to children with different kinds of communication disorders like hearing impairment, mental retardation, cerebral palsy, autism and multiple problems. The training is currently offered in 4 languages, namely, Kannada, Malayalam, Hindi and English. Details of the services offered from April, 2009 to March, 2010 are as follows:

**Table 25 :** Details of preschool groups of different disorders

<b>Month</b>	<b>No. of Groups</b>	<b>No. of Children</b>	<b>No. of Sessions</b>
April 2009	21	141	1406
May 2009	Summer Camp held from 01.05.09 to 30.05.09 between 10 am to 1 pm. 53 children attended the Camp		
June 2009	36	166	3960
July 2009	36	166	4120
August 2009	36	167	3420
September 2009	36	159	2520
October 2009	36	152	3420
November 2009	36	152	3600
December 2009	38	185	3420
January 2010	38	186	3615
February 2010	38	181	3762
March 2010	36	170	3960

In addition to the routine preschool training, the following services were also carried out:

- (a) Counselling and Guidance were offered by / under the guidance of the Speech Language Pathologist to preschool children, school going children and their caregivers receiving preschool and other special educational services at the Department. 49 children and their caregivers were seen in 77 sessions under this service. This included 9 Hindi speaking children.
- (b) FM systems are being used with children with hearing impairment receiving services at AIISH Preschool. In order to appraise the usefulness of the device, following speech-language and hearing evaluation are carried out once in 6 months, coordinated by the Speech Language Pathologist at the Department. Details of the evaluation carried during the year are as follows:

**Table 26 :** Details of follow up Speech and Language evaluation carried during the year 2009-10

Sl. No.	Nature of Evaluation	II Round Completed in April 2009	III Round in II Term of 2009-10 (as part of ARF Project)
1.	Voice (in Coordination with Department of Speech Language Sciences)	11	---
2.	Language (in Coordination with Department of Clinical Services)	01	---
3.	Listening (by/under Supervision of SLP at the Department)	5	---
4.	Articulation (by/under Supervision of SLP at the Department)	11	---
5.	Speech-Language Screening (by/under Supervision of SLP at the Department)	---	100

- (c) Apart from the skill training in preschool, the children also received individualised therapeutic services under the aegis of the Department of Clinical Services. Details of preschool children who received services for the year are as follows:

**Table 27 :** Details of preschool children who received therapeutic services during the year

Sl. No.	Type of Services	No. of Children who Received Services in I term 2009-10 (June 09-November 09)	No. of Children who Received Services in II term 2009-10 (December 09 – March 10)
1.	Listening Training	Individual training - 61	Individual training – 45 Group training – 100
2.	Speech-Language Training	Individual training - 83	Individual training – 29 Group training – 09
3.	OT/PT Services	33	45
4.	AAC	10	07
5.	ASD	12	09
6.	Sensory Integration	10	05

- (d) Systematic and comprehensive assessment of the all-round abilities of the children at AIISH Preschool are carried out at the beginning and end of each academic term. These assessments are carried out with the purpose of maintaining cumulative progress records and decision-making regarding retention, grouping and discharge of clients, and evaluation for placement guidance for further schooling. Following are the details of the children who underwent academic assessment during the year:

**Table 28 :** Details of the Academic assessment done during the year 2009 - 10

Sl. No.	Stage Evaluation	No. of Children		
		Flowers	Fruits	Colours
1.	Term End evaluation in April 2009	78	44	19
2.	Term Transition in November-December 2009	144	97	20
3.	Term transition in November-December 2009	124	99	19

- (c) Instructional services at the Preschool are organised for children having difficulties in communication with disabilities like Hearing Impairment, Mental Retardation and Autism. Among them, there are also children who have multiple special needs due to presence of more than one disability. Curriculum, training methods and materials are individualised within the group in order to cater to their unique nature of their needs. Following are the details of the children with multiple special needs who received preschool training during the from April 2009 to March 2010.

**Table 29 :** Details of the children with multiple special needs who received preschool training during the from April, 09 to March 2010

Sl. No.	Nature of Special Need	No. of Children in I term 2009-10 (June 09-November 09)	No. of Children in II term 2009-10 (December 09 – March 10)
1.	HL with Autism	02	02
2.	MR with CP	18	28
3.	HL with MR	01	02
4.	MR with VI	03	02
5.	MR with Autism	11	13
6.	HL with CP	01	01

## Other Activities / Services at the institute

### Preschool Camps

The Department of Special Education under the preschool activities conducted the following:

**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 2009 and March 2010.



**Summer Camp :** was conducted from 1st to 30th May 2009. 53 children with communication disorders had participated in the programme. Apart from usual activities like physical exercise, yoga, arts and craft activities, and dance; speech and language games were a highlight of this camp. The valedictory function of the camp was held on 29th May between 12 noon and 1 pm with renderings from caregivers and cultural activities from the participating children.

Dasara Vacation Camp was organised between 22nd September and 1st October 2009. 25 children with communication disorders participated in the program. Different activities like physical exercise, yoga, craft, dance, game, etc. were carried out. As part of the camp activities the children were also taken for out-door field trips.

### EXTENSION SERVICES

**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 communication disorders and also provides rehabilitation services such as dispensing of hearing aid, counseling on listening training, home training etc. 15 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.

**Table 30 :** Details of Speech and Hearing camps held at different places

Sl. No.	Date	Place	No. of cases seen	No. of hearing aids issued	No. of Earmolds made	No. of cases referred to AIISH	No. of certificates issued
1.	11 <sup>th</sup> August 2009	Mysore North Zone	78	-	-	55	-
2.	12 <sup>th</sup> August 2009	Mysore South Zone	35	-	-	7	-
3.	13 <sup>th</sup> August 2009	K. R. Nagara	80	-	-	19	36
4.	18 <sup>th</sup> August 2009	Huliyar	238	76	46	116	17
5.	25 <sup>th</sup> August 2009	K. R. Pete	36	1	-	17	10
6.	27 <sup>th</sup> August 2009	Sultan Bathery, Wayanad District, Kerala	317	11	14	72	36
7.	28 <sup>th</sup> August 2009	Panamaram, Wayanad District, Kerala	372	13	4	171	53
8.	3 <sup>rd</sup> September 2009	Mysore Taluk, Nanjungalige, Mysore	76	-	-	12	-
9.	9 <sup>th</sup> , 10 <sup>th</sup> , & 11 <sup>th</sup> September 2009	St. Joseph Central School, Mysore	140	-	-	9	-
10.	21 <sup>st</sup> & 22 <sup>nd</sup> October 2009	Udupi	370	186	155	3	18
11.	21 <sup>st</sup> & 22 <sup>nd</sup> December 2009	Haliyal, Karwar District	192	55	60	31	17
12.	23 <sup>rd</sup> & 24 <sup>th</sup> December 2009	Kumta, Karwar District	172	82	138	37	17
13.	16 <sup>th</sup> February 2010	Amini Island, Lakshadweep	145	13	17	1	19
14.	17 <sup>th</sup> February 2010	Kadamath Island, Lakshadweep	120	10	12	-	10
15.	19 <sup>th</sup> & 20 <sup>th</sup> February 2010	Androth, Island, Lakshadweep	318	41	47	1	28

## TECHNOLOGICAL CONSULTANCY SERVICES

### a) Acoustic measurements

The department of Electronics is equipped with state of the art equipments and expertise in the area of acoustic noise measurement. In the report year, the department undertook following consultancy services.

**Table 31 :** Consultancy services undertaken in the field of acoustics

Sl. No.	Nature of consultancy work	Name of firm	No. of consultancy jobs	Revenue earned (in Rs.)
1	Noise measurement on Computer server	M/s TUV Reinland, Bangalore	1 No.	3000.00
2	Noise measurement on Dot matrix printers	M/s Wipro Peripherals, Mysore	1 No.	3000.00
3	Acoustic measurement and analysis of alarm tones produced by patient care monitor	L & T Medical Systems, Mysore	2 No.	6000.00
4	Noise measurement on Dot matrix printers	M/s TVS Electronics Pvt. Ltd., Chennai	1No.	3000.00
5	Acoustic measurement and analysis of alarm tones & Mechanical movements produced by ICU Ventilator	M/s ERKADI System, Bangalore	1 No.	3000.00
6	Installation and commissioning of 5 units of induction loop system	Mercy convent school for the deaf, Mysore	1 No.	00.00
7	Installation and commissioning of 5 units of induction loop system	Sairanga school for the deaf, Mysore	1 No.	00.00
8	Electroacoustic evaluation of hearing aids	SSA, project, Malappuram, Kerala	12 Nos.	1200.00
9	Electroacoustic evaluation of hearing aids	State commissioner for the disabled, Chennai	114 Nos.	11400.00
10	Calibration of audiometer	Pvt. Clinic, Mandya	1 No.	3000.00
11	Noise analysis and RT measurements	National Centre for Biological Science, Bangalore	1 No.	3000.00
<b>Total revenue earned</b>				<b>36600</b>

### b) Hearing aid repairs

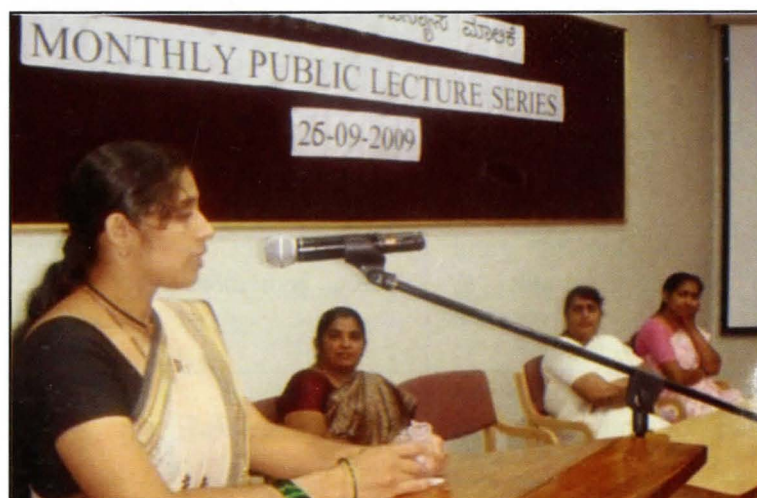
Hearing aid repair is another major activity of the department of Electronics which offers the facility for service and repair of both body level and BTE hearing aids to all hearing aid users at a nominal cost. Table-32 shows the number of hearing aids repaired at the department, this year.

**Table 32 :** Number of hearing aids repaired

Sl. No.	Type of hearing aid	Quantity
1	Body level hearing aids	307
2	BTE hearing aids	147
	<b>Total</b>	<b>454</b>
	<b>Internal revenue generated in Rs.</b>	<b>17770.00</b>

### PUBLIC LECTURE SERIES

AIISH continued “Monthly Public Lecture Series” program, creating awareness in the public on various communication disorders. In this program, experts in the field of communication



disorders deliver one-hour lecture. Details of the program for this year are as listed below.

**Table 33 :** Showing the details of Monthly Public Lecture (01.04.09 – 31.03.10)

Sl. No.	Date	Topic	Resource person
1	25.04.09	Emergent and Early Literacy in young children	Prof. KS Prema, HOD- Speech & Language Sciences
2	30.05.09	Ear Discharge Causes and Prevention	Dr. Rajeshwari.G., Reader and HOD-ENT, AIISH
3	27.06.09	Speech and Language Development in Children	Mrs. Sangeetha Mahesh, Clinical lecturer, Department of Clinical Services, AIISH
4	25.07.09	Speech and Language Development in Children with CP	Prof. R.Manjula, Professor in Speech Pathology, AIISH

5	29.08.09	Multiple Disabilities	Guest Lecture: Smt.K.P.Gayathri (Parent of Multiple Disabled Child), Joint Secretary, Swasahaya Swammuchaya, Mysore. Panel of Experts: Prof. Asha Yathiraj Prof.S.Venkatesan Prof. Shyamala.K.C Prof.K.S.Prema
6	26.09.09	Hearing Impairment	Guest Lecture: Mrs. Deepa Ravindra Bhat (Mother of Hearing Impaired Child) Panel of Experts: Dr. K. Rajalakshmi Dr.Malar Mrs. Revathi
7	31.10.09	Foreign Bodies in Ear, Nose and Throat	Dr. H.Sundara Raju, Prof in ENT, Department of ENT, AIISH, Mysore
8	29.11.09	Hearing impairment in Infants – Problems and Challenges in Identification	Dr. Animesh Burman, Lecturer in Audiology, Department of Audiology, AIISH, Mysore-6
9	26.12.09	Home Based Skill Training for Children with Communication Disorders	Dr.S.Venkatesan, Prof in Clinical Psychology, AIISH
10	30.01.10	Aphasia	Guest lecture : Mrs. Prema, W/o, Andani Gowda, # 4504 / 8, 7th Cross, N.R. Mohall Mysore -570007 (The wife of a person with Aphasia) Panel of Experts: Dr. Shyamala, KC, Dr.S.P.Goswami Mrs. Jayashree Shanbal,
11	27.02.10	Dementia	Dr. Shyamala, KC, Prof. Speech and Language Pathology, DHLS Coordinator (Overall), AIISH, Mysore-6
12	27.03.10	Use of Hearing Aids in Elderly	Dr.K.J.Ramadevi ,Audiologist Grade I, Department of Audiology, AIISH, Mysore

## EXTRA CURRICULAR ACTIVITIES

### NSS Activities

The activities began with an orientation program for the first year Bachelors' and Masters' students on 11.09.09. A total number of 170 students attended the orientation lecture and 160 were enrolled into NSS for the year 2009-10. This was followed by three Shramadhan activities on three consecutive Saturdays. The activities primarily involved, making the target areas plastic free. The volunteers cleared the plastic bags/items on the roads and drainage and disposed them in the right way.

On 17.10.09, a poster making competition was held across the four NSS groups with the theme of 'Communicative Disability'. Two cash prizes were awarded for the best two performances. On 25.10.09, the fourth Shramadhan activity was conducted near the staff quarters of AIISH. Hundred students participated in the activity.

A yoga camp was conducted for the NSS volunteers and staff of AIISH on 20-21 November 2009 within the institute premises. The classes were conducted by Dr. G. Jayarama, Reader in Clinical Psychology, AIISH. 35 students attended and benefited from the program. Students of I B.Sc. (Speech and Hearing) who had difficulty coping up with certain topics were given special coaching by senior meritorious students after the institute hours as part of NSS activities.

Ms, Anjali V. Bhat, I B.Sc. (Speech & Hearing) student of AIISH bagged first prize in University evening college NSS intercollegiate folk song competition held on 06.03.2010.

### AIISH GYMKHANA

In addition to the professional training, the Institute has initiated AIISH Gymkhana with the objective of encouraging the staff and students in co-curricular activities such as cultural, sports, literary, art, and other related areas. The AIISH Gymkhana conducts these activities in order to



promote and recognize talents in staff and students. In the year 2009-10, the Annual General Body elected the new office bearers and new elected body started functioning from the month of August, 2009.

**AIISH Open Day** was held on 30th October 2009 for creating awareness among the public about the activities of the Institute. The Open Day was inaugurated by IGP Mr. A.M Prasad. A total 1639 and 313 children with special needs visited the institute.

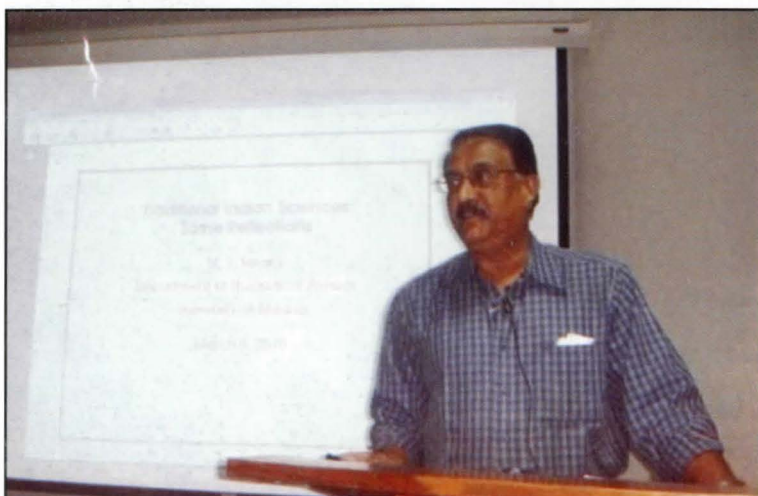
**54th Kannada Rajyothsava day** was celebrated on 09.11.2009 Smt. Arathi V.B, Research Translation Scholar, MSP Sanskrit and Sangeetha Vidushi, Bangalore was the Chief Guest. Dr. Y. T. Balakrishna Acharya, Reader in Clinical Psychology, SDM College, Ujire, Dakshina Kannada was honored for his contributions in Kannada in the area of disability.



**International Women's Day** was organized at AIISH on 13th March 2010. Dr. Uma Saraswathy and Ms. N. Parimala presented their papers on 'Women Empowerment' and 'Female Foeticide' respectively. Mrs. Anita Baldevaraj & Anju were felicitated on this occasion.



**National Science Day :** Observation of National Science day was organized at AIISH on 5th March 2010. The Chief Guest, Dr. Sri Ram, an eminent physicist from Dept. of Theoretical



Physics, University of Madras inaugurated Science day. On this occasion he delivered a lecture on 'Traditional Indian Science-Some Reflections'. Winners of Science Quiz Competition, held on 04.03.2010 in connection with the National Science Day Celebration were awarded the prizes during the function.

**Invited talk** AIISH Gymkhana organized monthly talk on 'Chinese Acupressure, and Reflexology for Health' on 13th January 2010. Mrs. Veena Ram Mohan, an expert in 'Art of Living' and 'Chinese Acupressure' was the resource person.



#### **AIISH Awaaz 2010 (26-28 February, 2010)**

The intercollegiate cultural festival hosted by the AIISH Gymkhana as an annual feature, AIISH Aawaaz, was conducted from 26th February 2010 to 28th February 2010. The inaugural ceremony was held on 26th February 2010 at 6.00 pm, at the AIISH Gymkhana. Dr. Mahesh Joshi, Senior Director, Doordarshan, Bengaluru Kendra, was the Chief Guest. Mr. Vikram Muthanna, Managing Editor, Star of Mysore, was the Guest of Honor. Dr. Vijayalakshmi Basavaraj, Director, AIISH, presided. AIISH Gymkhana Vice President Prof. K. S. Prema, General Secretary Mr. Achaiah M. A. and Cultural Secretary Ms. Neha Lakshmish were also present.



The fest was well received among the youth, indicating the growing popularity of AIISH Aawaaz since its inception. AIISH Aawaaz 2010 turned out to be a huge crowd puller, with over 3000 students attending it. During AIISH Aawaaz 2010, 11 cultural and literary events were conducted. A total of 24 colleges (UG/ PG) and one department from the University of Mysore participated in these events. The Valedictory Ceremony was held on 28th February 2010, at 5.30 pm at the AIISH Gymkhana. The formal ceremony was preceded by a dance performance by the group Cosmic Invaders, and a song recital by Ms. Anjali Bhatt. Sri Sunil Agarwal IPS, Commissioner of Police, Mysore, and Dr. Kushalappa P.A., Registrar, JSS University, were the Chief Guests. Singer Mr. Nithin Rajaram Shastry was the Guest of Honour. There were brief performances by Sri. Sunil Agarwal, IPS, Commissioner of Police, Sri. M. Nithin Rajaram Shastry and Dr. Kushalappa P. A. Cash prizes and rolling trophies were distributed on this occasion by the chief guests and prizes were awarded to 168 students.

## **ADMINISTRATIVE ISSUES**

### **1) Recruitments**

Five recruitments for permanent and forty seven recruitment for contract basis posts were made between April 2009 and March 2010. New Administration Officer (on deputation) was recruited.

### **2) Retirement**

Three employees retired from service after superannuation.

### **3) Death**

Sri Kanna, a group D employee passed away

### **Construction works**

Construction of new 94 bedded Men's Hostel was completed in the report year. Fifteen suites for the guest Faculty at Panchavati Campus was undertaken. Apart from the new constructions, the section also took up major renovation and repair work of rooms in the old block, ladies hostel, providing kitchen plates to D type quarters. Initiation work for audiometric rooms and apartment complex in the D type quarters were taken up.

**Official Language Implementation (OLI) :** Activities on Implementation of Official language- Hindi was continued by way of conducting various programs. Smt V T Kalai Selvi, Junior Technical Officer was nominated to attend Hindi Prabodh classes conducted at CIIL, Mysore during July- Nov 2009 session. She successfully completed the same and was awarded a cash prize of Rs. 400/- for her credit in the examination of November 2009. Trials for nomination of other staff members were also made. Hindi clients with communication disorders registered at the institute were counseled in Hindi. The centre for Rehabilitation and Education through Distance Mode held orientation courses and on-line assessment and rehabilitation for clients in 12 centres of the country in Hindi language. Questionnaire on DHLS Course was prepared in bilingual form and was widely used by clients in the northern region.



**Hindi Competitions (External) :** Employees of the institute were nominated for various Hindi Competitions viz., quiz, singing debate etc., conducted by various Central Government Organizations in Mysore. **Official Language Inspection :** Inspection on use of Official language at the Institute was conducted by the OL Department, Ministry of H & FW, New Delhi on 31.03.2010. Hindi **MILAP** daily news bulletin was subscribed for the institute. **Hindi Books Library** was kept open for general reading. **Leap Office Software** is being extensively used at the institute.

### Hindi Workshop

- (i) Dr. HP Uma Saraswathi, Hindi Translator, and Smt. R Shanthi, UDC were deputed to attend 4 workshops outside AIISH, Mysore
- (ii) Three day Hindi Workshop was organized from 10.02.2010 to 12.02.2010 at AIISH, Mysore. A total number of 19 participants from various departments attended the same. Faculties from outside organizations were invited as guest lecturers. Certificates were issued to the participants after the Workshop.

### Horticulture Section

The Horticulture Section is maintaining the garden and lawn in the main campus and Panchavati campus of the AIISH. The main objective of the horticulture section is to provide



natural environment to the surroundings of the institute and maintain the premises with natural beauty by growing and training of ornamental species of plants. Maintenance of nursery, rose garden and potting, re-potting is important to enhance the natural beauty of the institute. The Horticulture section participated in the “Dasara Horticultural Flower show of 2009” conducted by State Horticultural Department on 16.09.2009. AIISH won the 1st prize for garden maintenance. Apart from this, the institute won two 2nd prizes and one 3rd prize for growing of flowers in pots and beds.

#### **Purchase of Technical / other equipment**

The institute procured 99 technical equipment worth 360 lakhs of rupees to further enhance the infrastructure capabilities to serve the persons with communication disorders.

Thus, the institute saw a year full of academic, research and clinical activities treading to achieve the target of becoming a Super Specialty Centre of Excellence. The training and clinical services geared towards reaching out to the nation was successful as can be seen in the enclosed details. This fruitful year was the result of the committed hardwork put in by the team of faculty and staff. The academic and administrative sections extended full support by meeting deadlines, without which the institute could not have achieved what it did in the year 2009-10. The group of young, bright students from all over India contributed to bring out several publications, earned recognition in the university and various professional fora and to top it all, put “life” in the campus by their extracurricular activities. The institute looks forward to a similar, if not better, 2010-11.

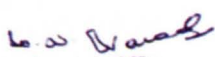
*V. Basavaraj*

Dr. Vijayalakshmi Basavaraj  
Director

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Balance Sheet as on 31st March 2010

Liabilities	Amount					
	Current year				Previous year	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
<b>Capital Fund</b>						
Balance as on 1.4.2009	63,55,11,412.43					
LESS: Assets written off during the year	41,88,972.76					
	63,13,22,439.67					
ADD: Amount transferred from Income and Expenditure account	13,72,76,256.94					
Closing balance			76,85,98,696.61		63,55,11,412.43	
Funds (Schedule-A)			12,26,56,501.40		9,89,83,321.40	
Deposits and advances of outside parties (Schedule-B)			61,25,135.00		48,66,118.00	
Remittances account (Schedule-C)			2,01,132.09		78,650.09	
			72,12,007.00		61,25,861.00	
			1,23,01,397.82		76,73,313.77	
Other liabilities (Schedule-D)			57,62,967.36		1,03,29,487.36	
Sponsored programmes and other schemes (Schedule-E)			5,460.00		0.00	
<b>Total</b>			<b>92,28,63,297.28</b>		<b>76,35,68,164.05</b>	

  
Accounts Officer

  
Admn. Officer

  
Director

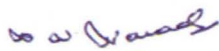
For P. S. and Co.,  
Chartered Accountants


  
( P. Srinivasa )  
Proprietor

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Balance Sheet as on 31st March 2010


Assets	Amount			
	Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.
Fixed and other assets (Schedule-F)	51,28,90,270.59		46,93,25,672.35	
Advances to staff (Schedule-G)	8,44,917.00		6,33,885.00	
Sundry debtors for deposits and advances (Schedule-H)	16,20,56,943.16		9,31,94,862.53	
Investments (Schedule-I)	14,97,55,000.00		12,72,55,000.00	
Grand in aid due account	73,68,000.00		0.00	
Interest accrued		0.00	3,39,041.00	
ADIP Scheme (GOI. Min. of Social Justice and Empowerment -Schedule-J)	57,62,967.36		1,03,29,487.36	
Cash and Bank Balances	Rs.	Ps.		
a) Cash on hand	16,904.28			
b) Cash at Bank: BOB SB A/c. 664	8,41,68,294.89		8,41,85,199.17	6,24,90,215.81
<b>Total</b>			<b>92,28,63,297.28</b>	<b>76,35,68,164.05</b>

  
Accounts Officer

  
Admn. Officer

  
Director

For P. S. and Co.,  
Chartered Accountants

  
( P. Srinivasa )  
Proprietor

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Income and Expenditure Account for the year ended 31st March 2010

Sl. No.	Expenditure	Non-plan		Plan		Total		Previous year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Salaries and Allowances (Annexure-2)	4,94,47,128.00		1,29,08,025.00		6,23,55,153.00		4,70,52,543.00	
	ADD: Outstanding	42,02,478.00		13,10,035.00		55,12,513.00		49,45,662.00	
2.	Stipend: Actuals	34,13,255.00		126065.00		35,39,320.00		26,45,131.00	
	ADD: Outstanding	3,89,031.00		9,026.00		3,98,057.00		4,59,976.00	
3.	Traveling allowances : Actuals	4,37,905.00		4,65,923.00		9,03,828.00		13,23,405.00	
	ADD: Outstanding	0.00		0.00		0.00		44,977.00	
4.	Leave salary and pension contribution of deputationist	0.00		0.00		0.00		0.00	
5.	Institute's contribution to Funds:								
a)	Contributory Provident Fund	24,609.00		0.00		24,609.00		23,883.00	
b)	AIISH Pension Fund	22,41,000.00		0.00		22,41,000.00		40,19,505.00	
c)	Contribution to New Pension Fund Tier-I (provision)	5,69,316.00		1,98,074.00		7,67,390.00		7,75,322.00	
d)	Internal Revenue transferred to AIISH Pension Fund	2,25,71,539.00		0.00		2,25,71,539.00		2,27,00,907.99	
6.	Interest on Funds:								
a)	Contributory Provident Fund	28,560.00		0.00		28,560.00		22,912.00	
b)	General Provident Fund	17,53,177.00		0.00		17,53,177.00		14,27,282.00	
c)	Contributory Pension Fund Tier-I	1,87,176.00		94,506.00		2,81,682.00		1,66,324.00	
7.	Professional Services: Actuals	2,78,900.00		11,060.00		2,89,960.00		2,52,950.00	
8.	Other Charges (Annexure-3): Actuals	1,23,52,420.31		2,84,83,020.75		4,08,35,441.06		3,16,41,848.51	
	ADD: Outstanding	10,33,114.00		0.00		10,33,114.00		4,06,923.00	
9.	Apprenticeship	1,790.00		0.00		1,790.00		7,555.00	
10.	Contribution to AIISH Research Fund	0.00		50,00,000.00		50,00,000.00		20,00,000.00	
11.	Contribution to Clients Welfare Fund	0.00		25,00,000.00		25,00,000.00		25,00,000.00	
12.	Grants in aid to DHLS Programme (outside centers)	0.00		41,58,149.00		41,58,149.00		60,59,289.00	
	<b>Total</b>	<b>9,89,31,398.31</b>		<b>5,52,63,883.75</b>		<b>15,41,95,282.06</b>		<b>12,84,76,395.50</b>	

  
Accounts Officer

  
Admn. Officer

  
Director

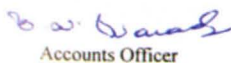
For P. S. and Co.,  
Chartered Accountants

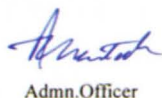
( P. Srinivasa )  
Proprietor

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Income and Expenditure Account for the year ended 31st March 2010

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	8,00,00,000.00		18,15,32,000.00		26,15,32,000.00		17,52,99,000.00	
ADD grants sanctioned for 2009-10 received after 31.3.2009		0.00		73,68,000.00		73,68,000.00		0.00
<b>Total</b>	<b>8,00,00,000.00</b>		<b>18,89,00,000.00</b>		<b>26,89,00,000.00</b>		<b>17,52,99,000.00</b>	
Less: Amount transferred to Capital Fund	36,40,140.69		13,36,36,116.25		13,72,76,256.94		7,02,01,522.75	
Amount of revenue expenditure out of grant	7,63,59,859.31		5,52,63,883.75		13,16,23,743.06		10,50,97,477.25	
Other income: Internal revenue and other receipts	2,25,71,539.00		0.00		2,25,71,539.00		2,30,39,783.25	
Apprenticeship	0.00		0.00		0.00		0.00	
Refund of excess leave salary paid to deputationist	0.00		0.00		0.00		94.00	
Interest accrued and due account	0.00		0.00		0.00		3,39,041.00	
<b>Total</b>	<b>9,89,31,398.31</b>		<b>5,52,63,883.75</b>		<b>15,41,95,282.06</b>		<b>12,84,76,395.50</b>	

  
Accounts Officer

  
Admn. Officer

  
Director

For P. S. and Co.,  
Chartered Accountants

( P. Srinivasa )  
Proprietor

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Receipts and Payments Account for the year ended 31st March 2010

Receipts	Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.
Opening balance : Cash on hand	25,259.58			
Cash at Bank: BOB SB A/c. 664	6,22,55,256.23			
ADD: Amount due from ADIP Scheme	2,09,700.00			
		6,24,90,215.81		6,14,49,062.98
1. Grant in aid from Ministry of Health & F.W				
Non-Plan	8,00,00,000.00			
Plan	18,15,32,000.00			
		26,15,32,000.00		17,52,99,000.00
2. Other receipts towards				
a. Internal revenue and other receipts (Annexure I)		2,29,10,580.00		2,31,28,551.25
b. Refund of excess leave salary paid to deputationist		0.00		94.00
c. Remittances (Annexure 4)		94,20,437.30		66,44,947.53
d. Sponsored Programmes and other schemes (Schedule-E)		92,02,947.00		63,42,489.65
e. Recoveries (Schedule-F)		315.00		20,550.00
f. Funds (Schedule A)		2,03,70,138.00		1,71,81,196.00
g. Deposits and advances of outside parties (Schedule B)		41,37,708.00		29,78,527.00
h. Advances to staff (Schedule G)		7,64,651.00		3,69,757.00
i. Deposits and advances (Schedule H)		15,50,99,258.01		12,46,91,609.94
j. Investments (Schedule I)		5,00,00,000.00		14,14,100.00
<b>Total</b>		<b>59,59,28,250.12</b>		<b>41,95,19,885.35</b>

*[Signature]*  
Accounts Officer

*[Signature]*  
Admn. Officer

*[Signature]*  
Director

For P. S. and Co.  
Chartered Accountant

*[Signature]*  
(P. Srinivasa)  
Proprietor

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

## Receipts and Payments Account for the year ended 31st March 2010

Sl. No.	Payments	Non-plan		Plan		Current year		Previous Year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
<b>A. RECURRING EXPENDITURE</b>									
1. Salaries and allowances (Annexure-2)		4,94,47,128.00		1,29,08,025.00		6,23,55,153.00		4,70,52,543.00	
2. Stipend		34,13,255.00		1,26,065.00		35,39,320.00		26,45,131.00	
3. Travelling allowance		4,37,905.00		4,65,923.00		9,03,828.00		13,23,405.00	
4. <b>Institute's contribution to funds</b>									
a. Contributory Provident Fund		24,609.00		0.00		24,609.00		23,883.00	
b. AIISH Pension Fund		22,41,000.00		0.00		22,41,000.00		40,19,505.00	
c. Contributory Pension Fund Tier -I		5,69,316.00		1,98,074.00		7,67,390.00		7,75,322.00	
5. <b>Interest on Funds</b>									
a. Contributory Provident Fund		28,560.00		0.00		28,560.00		22,912.00	
b. General Provident Fund		17,53,177.00		0.00		17,53,177.00		14,27,282.00	
c. Contributory Pension Fund Tier -I		1,87,176.00		94,506.00		2,81,682.00		1,66,324.00	
6. Professional services		2,78,900.00		11,060.00		2,89,960.00		2,52,950.00	
7. Apprenticeship		1,790.00		0.00		1,790.00		7,555.00	
8. Other charges (Annexure-3)		1,23,52,420.31		2,84,83,020.75		4,08,35,441.06		3,16,41,848.51	
9. Contribution to AIISH Research Fund		0.00		50,00,000.00		50,00,000.00		0.00	
10. Contributions to Clients Welfare Fund		0.00		25,00,000.00		25,00,000.00		20,00,000.00	
11. Grants in aid to DHLS Programme(outside centres)		0.00		41,58,149.00		41,58,149.00		25,00,000.00	

Contd....

Sl. No.	Payments	Non-plan		Plan		Current year		Previous Year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
<b>B. NON-RECURRING EXPENDITURE</b>									
1.	Other Liabilities(Schedule D)	44,97,028		13,60,510.00		58,57,538.00		33,78,601.00	
2.	Fixed and other assets/gift equipment (schedule-F)	0.00		4,77,53,886.00		4,77,53,886.00		6,79,96,139.60	
3.	Funds(Schedule-A)	0.00		0.00		1,92,68,497.00		1,18,09,435.00	
4.	Deposits and advances of outside parties(schedule-B)	0.00		0.00		28,78,691.00		29,29,961.00	
5.	Remittances and other accounts	0.00		0.00		92,97,955.30		66,48,024.90	
6.	Sponsored programmes and other scheme(schedule-E)	0.00		0.00		45,74,862.95		10,44,374.30	
7.	Advances to staff(Schedule-G)	0.00		0.00		9,75,683.00		3,84,288.00	
8.	<b>Deposits/Advance to contractors/suppliers(schedule-H)</b>	0.00		0.00		22,39,61,338.64		12,28,60,896.23	
9.	Investment (Schedule-I)	0.00		0.00		7,25,00,000.00		4,00,60,000.00	
	Total	7,52,32,264.31		10,30,59,218.75		51,17,48,510.95		35,70,29,669.54	
	Closing balance: Cash on hand	16,904.28							
	Cash at Bank: BOB SB A/c. 664	8,41,68,294.89							
	Less amount due to ADIP Scheme	5,460.00				8,41,79,739.17		6,24,90,215.81	
<b>Total</b>						<b>59,59,28,250.12</b>		<b>41,95,19,885.35</b>	

  
Accounts Officer

  
Admn. Officer

  
Director

For P. S. and 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 31st March 2010


Sl. No.	Observations of the Chartered Accountants	Replies
1.	The institute has not provided depreciation in respect of its fixed assets for the year covered in the report based, on certain clarifications by the C&AG of India	A decision will be taken after ascertaining the prevailing pattern on the subject followed in Government institutions such as NIMHANS, JIPMER etc.,
2.	A Sum of Rs.6,74,51,761.00 shown as work-in-progress under Fixed Assets Schedule as on 31.3.2009 (Schedule F1 & F2) is till shown as work in progress as on 31 <sup>st</sup> March 2010. Though the work is completed, the same has not been transferred to Building Account since the Completion Report is not received.	Action is being taken for giving completion report in respect of Sl. Nos.2 to 22 of Major works in progress- Schedule F1 and Sl.Nos1, and 3-14 of Minor works in progress -Schedule F2.
3.	The following assets given in list were unserviceable was recommended for write off by executive council meeting	The list of equipments reported as not working as detailed in the Annexure will be placed before the competent authority for consideration and suitable recommendation before placing to the Executive Council for writing off.

  
Accounts Officer

  
Admn. Officer

  
Director

For P. S. and Co.,  
Chartered Accountants

  
( P. Srinivasa )  
Proprietor

**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 : 0821-4250584

Cell : 94482 07011

Fax : 0821-2544918

E-mail : psandco@rediffmail.com

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**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 31<sup>st</sup> March 2010 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 31<sup>st</sup> March 2010, 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 31<sup>st</sup> March 2010.

Place: Mysore  
Date: 12-07-2010



For P.S. & CO.  
Chartered Accountants

  
(P. Srinivasa)  
Proprietor

**CA. P. Srinivasa**  
B.Com., LL.B., F.C.A  
Chartered Accountant  
Membership No. 025710

**1. SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF ACCOUNTS :**

- a) Fixed Assets :  
Fixed assets are shown at Historical cost since no depreciation claimed.
- b) Depreciation:  
Depreciation on fixed assets has not been provided.
- c) Investments:  
Investments are stated at cost.
- d) Revenue Recognition :
  - i. Business Revenue and expenditure are recognized as they are earned and incurred respectively.
  - ii. Income / Expenditure from/of other sources are recognized on receipt/ payment basis.
- e) General:  
Accounting policies not specifically referred to conform to the requirements of generally accepted accounting principles and practices.

