

Annual Report 2013-14



All India Institute of Speech & Hearing

Annual Report 2013-14



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

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Designed & Printed at : Tech Prints, Mysore



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About Us

An autonomous institute established in the year 1966 under the Ministry of Health and Family Welfare, Govt. of India to advance the cause of quality training, research, patient care and public education on communication and its disorders.

Vision

To be a world-class institute for human resource development, conducting need-based research, striving for excellence in clinical services, creating awareness and public education in the field of communication disorders.

Mission

To promote, sustain and provide globally-competitive, ethically sound human resource, quality education, original research, clinical services and public awareness in the field of communication disorders.

Objectives

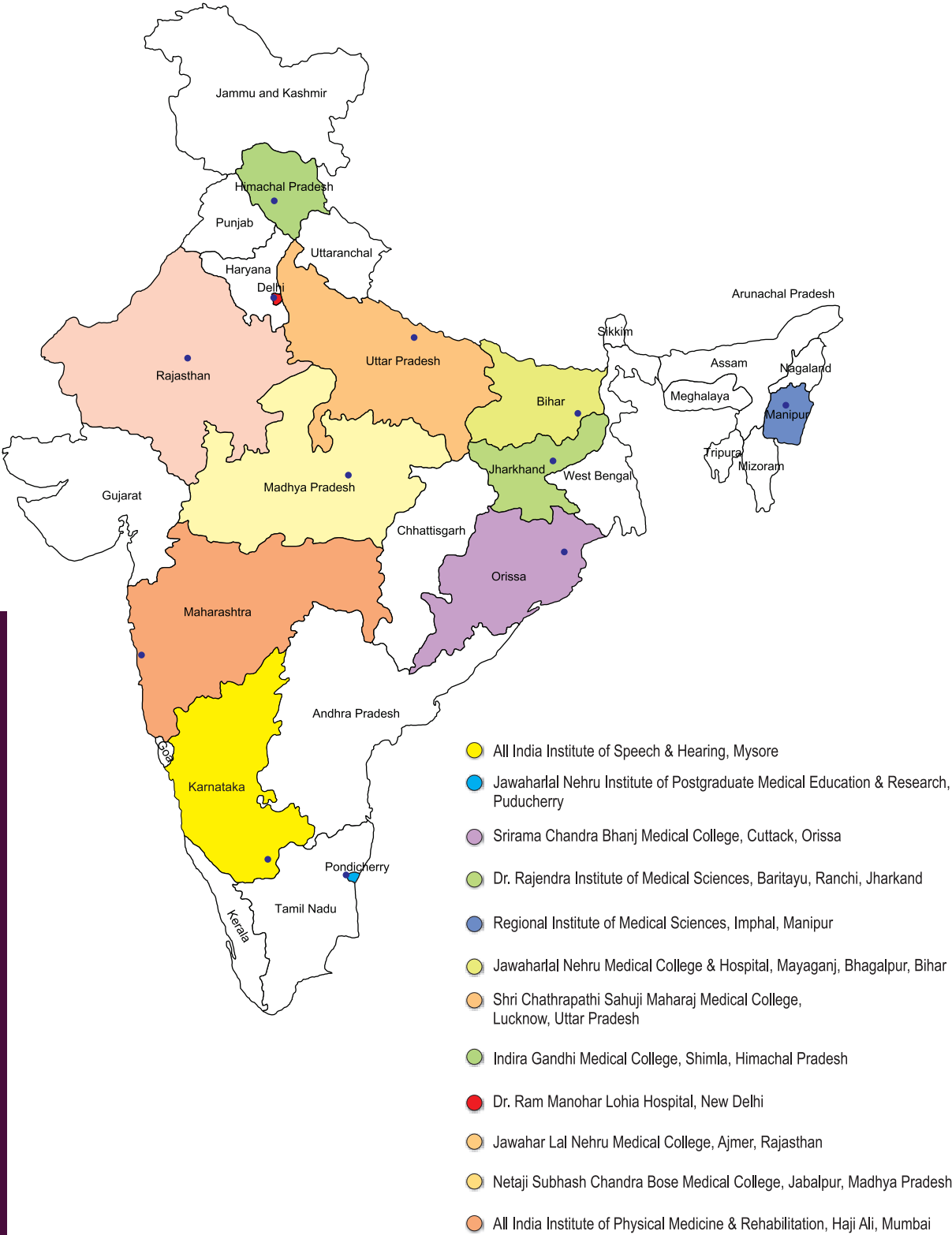
- Human resource development in the field of communication disorders
- Research in the field of communication disorders
- Clinical services for persons with communication disorders
- Public education

Accomplishments

- Centre of Advanced Research by University Grants Commission, Govt. of India.
- Science & Technology Institute by the Department of Science and Technology, Govt. of India.
- Centre of Excellence in the area of deafness by World Health Organization.
- Nodal Centre for Implementation of Prevention and Control of Deafness by Ministry of Health & Family Welfare, Govt. of India.
- Centre of Excellence by the Ministry of Health & Family Welfare, Govt. of India.
- 'A' Grade accreditation by the National Assessment and Accreditation Council, University Grants Commission, Govt. of India.
- ISO 9001-2008 Certification.

Our National Presence

In addition to the educational, research, clinical care and public educational activities at its main campus in Mysore, Karnataka, the institute has been offering educational programmes and clinical services in collaboration with eleven other institutions across the country.



Greetings from the Director



It is my privilege to present the 49th Annual Report of the All India Institute of Speech & Hearing, Mysore. This report contains the activities of the institute for the year 2013-14.

The year 2013-14 was special in that the Institute has taken steps forward in preparing to become **Deemed to be University**. The Institute was assessed and accredited by **NAAC with the Highest A Grade** and it obtained **ISO 9001:2008** certification. It continued in academic, research, clinical and public educational activities in the area of communication and its disorders.

The Institute was given the status of **Centre of Excellence** by the Ministry of Health & Family Welfare, Govt. of India and a total amount of Rs. 137 Crores was sanctioned towards this. It was recognized by the Rehabilitation Council of India to conduct **PG Diploma in Augmentative and Alternative Communication**.

The Institute started the **up-gradation of a Diploma programme to a Bachelors programme** at RIMS, Imphal, JIPMER, Puducherry and NSCBMC, Jabalpur, Madhya Pradesh. It also submitted a **proposal on Roadmap of services of**

speech & hearing graduates in India to the Ministry.

The Institute initiated **Technology Development Board including Intellectual Property Rights (IPR), Product Development Cell, Green Campus Initiative Cell, and Staff Grievance Cell.**

Faculty Enrichment Programmes were initiated in the month of July, 2013 with the objective of broadening the research experience of the faculty members and to provide a platform for exchanging ideas and scholarship among the researchers across the Institute.

To promote mutual awareness and discussion of the plans, programmes, procedures, activities, challenges and achievements of the Departments of the Institute a **Departmental Peer Evaluation** was started in November, 2013.

In one of the first of its kind initiative in government sector, the Gymkhana of the Institute established the **Best AIISHian award** for the employees to recognize their outstanding and distinguished performance towards the growth and success of the Institute in August, 2013. The award is being given under four staff categories: Administrative, Scientific/ Technical, Teaching and Multitasking. The selection of eligible employees for the award was made through a multi-rater/ 360-degree feedback obtained from superiors, subordinates, peers within the department and peers across the departments within the institute.

In order to make way for perfect management of student and staff attendance, **Biometric Attendance Monitoring System** was implement-

ed in August, 2013. The system uses fingerprints to verify identity, record time-in and time-out and generate the attendance report.

Centre for Neuropsychological Research and Rehabilitation, Electro physiological Laboratory, Human Genetics Unit, and Epidemiology Unit were inaugurated on 9th of August, 2013 to boost research.

A New Born Screening Programme for communication disorders in four states was initiated to detect communication disorders in the beginning stages of the child's development. The programme was formally inaugurated by Hon'ble Justice Dr. N Santhosh Hegde, former Lokayukta, Karnataka on 9th August, 2013.

The institute launched a **Digital EPBAX system** which features state-of-the-art voice communication system. The system facilitates linking of all the remote centers of the Institute with the AIISH Intercom network.

The Institute jointly organized a two-day **Annual International Symposium on Frontiers of Research on Speech and Music** with ITC Sangeet Research Academy, Kolkata and Sir C V Raman Centre for Physics and Music, Jadavpur University, Kolkata on 13-14 March, 2014.

A **Language Lab** to develop the communication skills of the students, a **Remote Access Information Service** to provide off-campus access to the subscribed electronic information resources of the institute and an **Online Newspaper Information Service** to facilitate organized access to the news items on the Institute activities/events and information on communication disorders published in print media were launched by Mr. Abdul Kareem, Director, Economic Advisory Council to the Prime Minister of India on 27th March, 2014.

Three of the buildings - **Staff Quarters, Audiology block, and Knowledge Park** were near completion.

During the reporting year, the staff of the institute completed 43 research projects and 34 research projects were ongoing. In addition, 14 research projects were initiated. Six candidates were awarded Ph.D., one submitted the thesis, and 39 were pursuing doctoral studies. In addition, 61 students submitted their master's dissertation and 66 candidates were pursuing their master's dissertation. Seventy three scientific papers were presented in international and national conferences / seminars and ninety seven scientific articles were published in peer reviewed international and national journals and three in conference proceedings. Also, 17 chapters in books / books were written by the staff of the institute. Three staff and students received grants to present papers in international conferences.

The institute registered 56,386 clients with communication disorders. Also 13062 new borns and 15119 infants were screened for communication disorders in 15 hospitals in Mysore, outreach service centres, and in 4 states Karnataka, Rajasthan, Manipur and Orissa. Industrial screening was done for the 367 employees of AMW-MGM Forgings Pvt. Ltd., Mysore, KSIC, Mysore and M/s. TATA Global Beverages Ltd, Bangalore, and 520 school children of Mysore were screened. Two thousand thirty three clients in nine camps were screened in various parts of the country. In addition, 80 elderly persons were screened. Totally, 4447 clients were catered to in the outreach service centres of the institute at 3 PHCs located in districts of Mysore. Tele-assessment and

intervention was done for 130 and 212 clients with communication disorders. Totally, 4888 hearing aids with solar battery charges were distributed.

Twelve monthly public lectures were held and 17 public educational materials were prepared and 24 were translated in various Indian languages. The institute procured several scientific instruments, e-journals and bibliographical databases. Also, the institute received **कार्यालय दीपस्मृति पुरस्कार** instituted by the Rajabhasha Sansthan, New Delhi for better implementation of official language in official settings. Dr H.P. Uma Saraswathi, Hindi Translator won first prize for her paper Globalisation and Localization of Official Language Hindi in the conference, organized by the Rajabhasha Sansthan, New

Delhi at Jim Corbette Park, Nainital, Uttarkand on 8-10 October, 2013. For the first time, the Institute participated in the world famous Mysore Dasara procession, the Jamboo Savari which attracts a huge audience from all over the country and abroad, on 14th October, 2013 with a tableau on communication disorders. The tableau won first prize. The Institute also had 3 public education programmes in Kasturi TV channel on MAUNA MAATAADAAGA.

Overall, the year 2013-14 was satisfying. I extend my heartfelt thanks to all my colleagues who have supported for the cause of progress of the Institute.



Dr. S. R. Savithri
Director



Major Events and New Initiatives



Major Events and New Initiatives

The Institute witnessed many educational, research and clinical care activities and events and infrastructure developments during the reporting year. Also, a number of new and innovative practices were implemented towards further progress in the functioning Institute. A few of them are given below.

Pre-school Graduation Day

The Pre-school Graduation Ceremony was held on 26th April, 2013 during which forty eight children who graduated from the pre-school in 2012-13 were felicitated. Mr. Balaram H S, District Disability Welfare Officer, Mysore, Mr. Raghunandhan R, Block Education Officer, South Zone, Mysore and Ms. Pushpa.K.S, Block Resource Coordinator, Mysore were the guests of honour and Dr. S. R. Savithri, Director, AIISH presided over the function.



Felicitations of Pre-school children

Staff Grievance Cell

In the spirit of seeking to establish a responsive administration, a Staff Grievance Cell was constituted in June, 2013. The Cell will act as a forum for employees to ventilate their grievances relating to official matters. Also it will suggest necessary measures to be taken by the Administration to resolve the grievances thereby facilitating a healthy working atmosphere in the Institute.

Technology Development Board including Intellectual Property Rights (IPR):

With the objective of creating a Nodal Centre for protecting the technologies developed at the Institute pertaining to communication disorders

and allied areas and to effectively commercialize them, a Technology Development Board including Intellectual Property Rights was established in June, 2013. The Board will safeguard the IPRs by appropriately patenting the technologies and entering into contracts.

Product Development Cell

A Product Development Cell was established for the development of products from among the technologies developed in different Departments of the Institute in the miniature scale by appropriately upgrading, revising, and modifying so as to make the technologies so developed, commercially viable for harnessing and exploiting as well as appropriate documenting. The Cell was initiated in June, 2013 and it is constituted of a Chairperson, one technical staff /faculty from each Department as members and the Publicity and Information Officer as Member Secretary.

Center of Excellence

The Hon'ble Minister for Health and Family Welfare, Govt. of India, New Delhi accorded administrative approval for the Up-gradation of the Institute as Centre of Excellence in the field of Communication Disorders at a total cost of Rs.137 crore on 18th July, 2013. The proposal on upgradation was presented by Dr. S.R. Savithri, Director, AIISH in the Ministry of Health and Family Welfare under the Chairmanship of Sri Keshav Desiraju, Secretary (Health), Govt. of India, New Delhi on 14th June, 2013.

Green Campus Initiative Cell

In order to make the Institute campus more sustainable and environmentally friendly which is free from pollution of all kinds, a Green Campus Initiative Cell was constituted in the month of June, 2013. The Cell will take steps in identifying and implementing practical and measurable green campus solutions through the volunteer efforts of staff and students.

Faculty Enrichment Programme

Faculty enrichment programme has initiated in the month of July, 2013 with the objective of broadening the research experience of the faculty members and to provide a platform for exchanging ideas and scholarship among the researchers across the Institute.

Best AIISHian Award

In one of the first of its kind initiative in government sector, the Gymkhana of the Institute established the Best AIISHian award for the employees to recognize their outstanding and distinguished performance towards the growth and success of the Institute in August, 2013. The award is being given under four staff categories: Administrative, Scientific/ Technical, Teaching and Multitasking. The selection of eligible employees for the award was made through a multi-rater/ 360-degree feedback obtained from superiors, subordinates, peers within the department and peers across the departments within the institute.



Distribution of best AIISHian award

Departmental Peer Evaluation

To promote mutual awareness and discussion of the plans, programmes, procedures, activities, challenges and achievements of the Departments of the Institute, a Departmental Peer Evaluation programme was initiated in November, 2013. As a part of it, the activities carried out by each department in the Institute such as human resource development, research, clinical services, public education and other activities over a period of one year will be discussed and brought to light the opportunities for inter-departmental collaborations and facilitate building of bridges between one another. This will also give an opportunity and occasion for individual departments to undertake introspect, self-observation and soul-searching towards their own improvement.

Biometric Attendance System

In order to make way for perfect management of student and staff attendance, an automatic attendance monitoring system was implemented in August, 2013. The system uses fingerprints to verify identity, record time-in and time-out and generate the attendance report. The system is administered and monitored by the Department of Electronics.

Centre for Neuropsychological Research and Rehabilitation

A Centre for Neuropsychological Research and Rehabilitation was set up in the Department of Clinical Psychology to cater to persons with brain damage or dysfunction having communication disorders. The facility was inaugurated by Hon'ble Justice Dr. N Santhosh Hegde, former Lokayukta, Karnataka on 9th August, 2013.



Opening of Centre for Neuropsychological research Lab

Electrophysiological Laboratory

In order to promote basic and applied research in the area of auditory electrophysiology and facilitate database development in the area an Electrophysiological Laboratory was set up at the Department of Audiology which was opened by Hon'ble Justice Dr. N. Santhosh Hegde, Former Lokayukta, Karnataka on 9th August, 2013.



Inauguration of Electrophysiology lab

Human Genetics Unit

With the aim of investigating the genetic cause of highly prevalent communication disorders, a Human Genetics Unit was set up in the Department of Speech-Language Sciences. The unit will construct pedigrees to determine the pattern of genetic inheritance in persons with communication disorders and also conduct research on phenotype and genotype by maintaining database on communication disorders in the Indian population. In addition, the facility will develop a database of DNA sequence analysis of persons with communication disorders and spread awareness among professionals and general public on genetically transmitted syndromes and disorders

related to communication. The unit was formally launched by Hon'ble Justice Dr. N Santhosh Hegde, former Lokayukta, Karnataka on 9th August, 2013.



Launching of Human Genetics Unit

Epidemiology Unit

An Epidemiology Unit was established in the Department of Prevention of Communication Disorders to get a centralized data bank for all activities of prevention and early identification of communication disorders and to promote epidemiologic research in the area. The unit was formally opened by Dr. M.G. Krishnan, Vice-Chancellor, Karnataka State Open University on 9th August, 2013.



Opening of Epidemiology unit

New Born Screening (NBS) Programme

A New Born Screening Programme for communication disorders in four states was initiated by the Department of Prevention of Communication Disorders to detect communication disorders in the beginning stages of the child's development. The programme was formally inaugurated by Hon'ble Justice Dr. N Santhosh Hegde, former Lokayukta, Karnataka on 9th August, 2013.



Inauguration of newborn screening programme

Digital EPBAX System

The institute launched a Digital EPBAX system which features state-of-the-art voice communication system. The system facilitates linking of all the remote centers of the Institute with the AIISH Intercom network. It was inaugurated by Hon'ble Justice Dr. N Santhosh Hegde, former Lokayukta, Karnataka on 9th August, 2013.



Launching of Digital EPBX system

NAAC Accreditation

The Institute obtained accreditation with highest 'A' Grade by the National Assessment and Accreditation Council (NAAC), an independent national accreditation body established by the University Grants Commission, Govt. of India to assess and accredit institutions of higher education in the country. A three member NAAC peer team comprising of Prof. G. N. V. Brahmam, Scientist F& Former Director, National Institute of Nutrition, Hyderabad (Chairman), Mr. R.K.Ojha, Callipsonic, Anderi West, Mumbai (Member) and Dr. Samuel N. Mathew, Executive Director, National Institute of Speech and Hearing, Trivandrum, (Member

Coordinator) visited the Institute on 24-26 September, 2013 and apprised itself of the performance of the Institute on the following seven parameters: Curricular aspects; Teaching- Learning and Evaluation; Research, Consultancy and Extension; Infrastructure and Learning resources; Student Support and Progression; Governance, Leadership and Management; Innovations and best practices. The peer team also had interaction with the students, parents, alumni, teaching and non-teaching staff, top management and were very impressed with the feedback received from the various stakeholders during the interactions and appreciative of the activities of the institute in the field of academics, research, clinical and infrastructure and extra-curricular activities.



Meeting of NAAC inspection team with the Director and steering committee members

All India DHLS Coordinators Meet

The annual meeting of the coordinators of the Diploma in Hearing, Language, and Speech Centres of the institute was conducted at AIISH on 4th October, 2013. Coordinators from 12 DHLS centers attended the meet and discussed various issues related to DHLS students, staff, instrumentation, hospital setup and so forth. The Meet was formally inaugurated by Sri. C.K. Mishra, the Additional Secretary, Ministry of Health & Family Welfare, Govt. of India.



Sri. C. K. Mishra, Additional Secretary, MoHFW
Inaugurating the DHLS coordinators meet

Academic Sub Committee Meeting

The Academic Sub Committee meeting was held in the board room of the Administrative Block, AIISH, Mysore under the chairmanship of Prof. J. Shashidhar Prasad, Vice Chancellor, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam, AP on 1st November, 2013.



Meeting of the Academic Sub Committee

International Day of Persons with Disabilities

The International Day of Persons with Disabilities was observed at the Institute on 3rd December, 2013 with the aim of promoting awareness on disability issues and the fundamental rights of persons with disabilities. Mr. H. Janardhan, Director, Rangayana, Mysore was the chief guest and Dr. N. Ratna, former Director of AIISH, the guest of honour on the occasion. Around 500 people including revered personalities from various spheres who have been persistently working towards the betterment of the quality of life for persons with disabilities and the general public attended the event. The clients/ parents/ caregivers/ stakeholders and other activists who

significantly contributed either at an individual level or at an organizational level to bring an altruistic change in the lives of persons with disabilities were felicitated during the event.



Inauguration of International day of persons with disability

ISO 9001:2008 Certification

The institute took forward the quality initiative by voluntarily implementing the international standard of ISO 9001:2008 in respect of its four verticals of Human Resources Development through teaching-learning, Clinical Services, Research and Public Education in the field of Communication Disorders. M/s Indian Register Quality Systems (IRQS), Mumbai, a National Accreditation Board for Certification Bodies conducted Stage I Audit of Document Review in February, 2014 and the Stage II Audit of Certification Audit in March, 2014. The ISO Auditors did not find any non-conformances which is in itself a rare feat and recommended the institute for ISO Certification straightaway and awarded the ISO 9001:2008 certificate on 28th March, 2014.



ISO inspection in the Department of Clinical Services

International Symposium on Frontiers of Research on Speech and Music

The Institute jointly organized a two-day Annual International Symposium on Frontiers of Research on Speech and Music (FRSM – 2014) with ITC Sangeet Research Academy, Kolkata and Sir C V Raman Centre for Physics and Music, Jadavpur University, Kolkata on 13-14 March, 2014. The objective of the symposium was to promote research in speech and music by researchers in the fields of physics, mathematics, musicology, speech science, linguistics, electronics and computer science. Dr. T.V. Ananthapadmanabha, Chief Executive Officer, Voice and Speech Systems, Bangalore, and Awadesh Kumar Misra, Director, Central Institute of Indian Languages, Mysore were the chief guests of the symposium in which Mr. Keikichi Hirose, University of Tokyo, Japan, delivered the keynote address. Around 120 national and international delegates attended the symposium.



Keynote address at International Symposium on FRSM

Language Laboratory

With the objective of developing English language Communication skills of the students, a Language Lab was opened in the Institute by Mr. Abdul Kareem, Director, Economic Advisory Council to the Prime Minister of India on 27th March, 2014. The facility is based on Orell Digital Language Lab software and is with 10 student modules and one teacher module.



Opening of Language lab

Remote Access Information Service

In order to facilitate off campus access to the subscribed electronic information resources by the staff and students, a Remote Access Information Service was launched by Mr. Abdul Kareem, Director, Economic Advisory Council to the Prime Minister of India on 27th March, 2014. The facility is based EZProxy, a software published by Online Computer Library Centre, USA.



Web interface of Remote Access Information Service

Online Newspaper Information Service

This service facilitates organized online access to the news items on the Institute activities/events and information on communication disorders published in print media. The service which is based on News NIC, a software developed by the National Informatics Centre, New Delhi was launched by Mr. Abdul Kareem, Director, Economic Advisory Council to the Prime Minister of India on 27th March, 2014.



Learning and Teaching

Inside...

- | Academic Programmes Offered
- | Admission and Enrolment
- | Academic Performance
- | Student Placement
- | Guest Lectures
- | In-house Training Programmes
- | Orientation / Short-term Training Programmes
- | Workshops / Seminars / Conferences



Learning & Teaching in Numbers

Academic Programmes Offered = **14**; Students Admitted = **329**;

Total Student Strength = **614**; Number of Faculty = **59**; Guest Lectures = **15**;

In-house Training = **52**; Orientation / Short term Training = **129**;

Workshops / Seminars = **30**; Invited Talk by Faculty & Staff = **145**;

Learning and Teaching

The AIISH is a premier educational establishment pertaining to communication and its disorders in the country which caters both the national and overseas human resource needs in the field. Various educational activities carried out at the institute during the reporting year are given below.

Academic Programmes Offered

The institute offered 14 academic programmes ranging from certificate to post- doctorates during the reporting year. Of these, Diploma in Hearing, Language and Speech (DHLS) was offered at 12 centers across the country and classes were delivered from the institute through video conferencing. Graduate, post-graduate diploma, post-graduate degree and doctoral programmes had the approval of the University of Mysore/ Rehabilitation Council of India. Table 1 shows the details of the programmes offered in 2013-14.

Table 1: Academic Programmes Offered

Programme	Duration	No.of seats
Certificate Course for Care givers of Children with Developmental Disabilities (C4D2)	2wks	*
Diploma in Hearing Aid & Ear mould Technology (D.H.A. & E.T.)	1yr	25
Diploma in Teaching Young Deaf & Hard of Hearing (D.T.Y.D.H.H.)	1yr	20
Diploma in Hearing, Language and Speech (D.H.L.S.)	1yr	300**
B.Sc. (Speech & Hearing)	4yrs	62
B.S.Ed. (Hearing Impairment)	1yr	20
P.G. Diploma in Forensic Speech Sciences & Technology (P.G.D.F.S.S.T.)	1yr	10
P.G.Diploma in Clinical Linguistics (Speech-Language Pathology) (P.G.D.C.L-SLP)	1yr	10
M.Sc (Speech-Language Pathology)	2yrs	36
M.Sc.(Audiology)	2yrs	36

M.S. Ed.(Hearing Impairment)	1yr	20
Ph.D.(Audiology)	3yrs	4
Ph.D.(Speech-Language Pathology)	3yrs	4
PostDoctoral Degree	2yrs	2

*Vary from year to year; **Total seats in 12 centres

UOM = University of Mysore ; RCI = Rehabilitation Council of India;

IGNOU = Indira Gandhi National Open University

New Programme Approved

The institute obtained approval of the Rehabilitation Council of India to conduct Postgraduate Diploma in Alternative and Augmentative Communication.



RCI experts with Dr. S.R. Savithri, Director, Dr. P. Manjula, Academic Coordinator and Mr. S. Ramkumar, Registrar.

Admission and Enrolment

National level entrance examinations were conducted to admit students to B.Sc. (Sp. & Hg.), M.Sc. (Audiology) and M.Sc. (Speech - Language Pathology). Totally, 577 candidates appeared for the B.Sc. (Sp. & Hg.) entrance examination held in different parts of the country. Entrance examinations to M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology) held at the institute campus in Mysore were attended by 164 and 165 candidates, respectively. Admissions to all the diploma, post-graduate

diploma, bachelor of special education and masters in special education programmes were done based on the merit obtained in the respective qualifying examinations.

The total number of students admitted to various programmes during the reporting year was 329, and 203 among them were girls. The number of students admitted to each programme is given in figure 1 and the state-wise admission is given in figure 2.

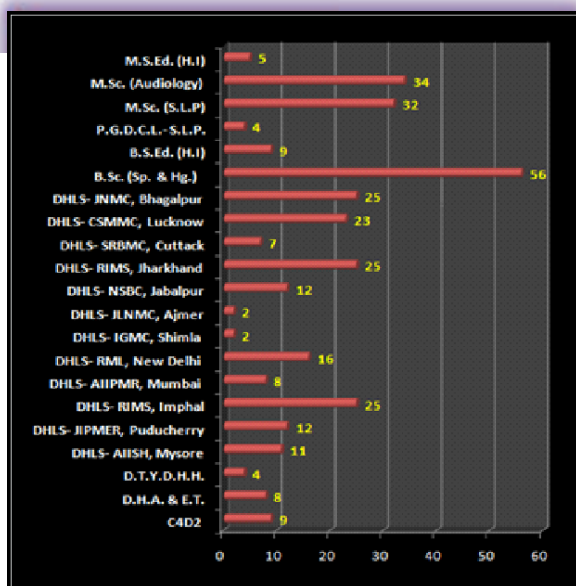


Figure 1: Student intake 2013-14

Student Strength

During the reporting year, 614 students were studying for various programmes in the institute, as detailed in table 2.

Table 2: Student strength

Programme	No. of Students
C4D2	09
D.H.L.S. *	168
D.H.A.&E.T.	08
D.T.Y.D.H.H.	04
B.Sc. (Sp. & Hg.) – 1st Yr.	56
B.Sc. (Sp. & Hg.) – 2nd Yr.	54
B.Sc. (Sp. & Hg.) – 3rd Yr.	62
Interns	61
M.Sc. (Audiology) – 1st Yr.	34
M.Sc. (Audiology) – 2nd Yr.	33
M.Sc. (SLP)- 1st Yr.	32
M.Sc. (SLP)- 2nd Yr.	30

B.S.Ed.	09
M.S.Ed.	05
PGDCL	04
Ph.D.	
JRF	26
External	06
In-service	13
Total	614

*Total number of students in 12 study centers

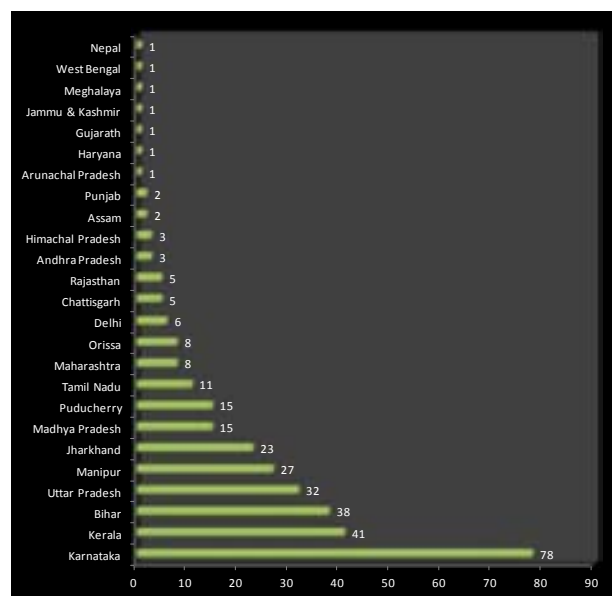


Figure 2: State-wise admission

Academic Performance

The students performed well in the university examinations conducted last year with 100 percentage pass in M.Sc. (Audiology) examination, 97 percentage in M.Sc. (SLP) and 88 percentage in B.Sc.(Sp. & Hg.). The details of academic degrees awarded during the reporting year are given in table 3 and figure 3.

Table 3: Academic performance

Programme	No of students	Overall pass	%
B.Sc. (Sp. & Hg.)	60	53	88
B.S.Ed. (HI)	4	3	75
M.Sc. (Audiology)	33	33	100
M.Sc. (SLP)	30	29	97
DHLS	164	112	68
DHA & ET	6	5	83
DTYDHH	4	3	75

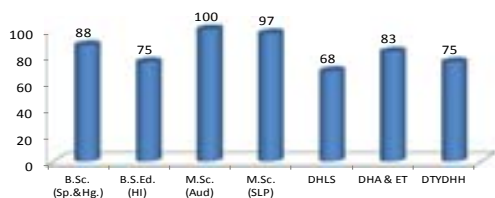


Figure 3: Academic performance

Internship

Sixty one students underwent internship training during the reporting year. They were posted at (i) clinical units of the institute main campus, (ii) centres of National Program on Prevention and Control of Deafness and (iii) centres of Diploma in Hearing, Language, and Speech. The interns provided clinical services to the clients with communication disorders under the guidance of staff in the respective clinical units and centres. They were also involved in public education on prevention and early identification of communication disorders including newborn screening for early identification of hearing impairment. The details of organizations other than AIISH, where the students underwent internship training are given in table 4.

Table 4: Internship Centers

States	Centres
Delhi	PGIMER, Dr. Ram Manohar Lohia Hospital, Delhi
Jharkhand	Rajendra Institute of Medical Science, Ranchi
Karnataka	District Hospital, Udupi
	District Hospital, Chikmagalur
	Karnataka Institute of Medical Sciences, Hubli
	District Hospital, Dharwad
	District Hospital, Mandya
	District Hospital, Tumkur
	District Hospital, Bijapur
Madhya Pradesh	District Hospital, Haveri
	Netaji Subhash Chandra Bose Medical College, Jabalpur
Manipur	Regional Institute of Medical Sciences, Imphal
Puducherry	Jawaharlal Nehru Institute of Postgraduate Medical Education & Research, Puducherry
Rajasthan	Jawaharlal Nehru Medical College & Hospital, Ajmer
Uttar Pradesh	Chhatrapati Shahuji Maharaj Medical University, Lucknow

Educational Stipend

The institute provided educational stipend to all the eligible students pursuing various academic programmes and distributed a total amount of Rs. 54.44 lakhs towards, stipend during the reporting year. Programme-wise amount of stipend issued are given in Table 5.

Table 5: Educational stipend

Programme	Stipend per month (in Rs)
Diploma	250.00
B.Sc. (Sp. & Hg.)	400.00
B.Sc. (Internship)	*
B. S. Ed. (HI)	400.00
M.Sc. (Audiology)	650.00
M.Sc. (SLP)	650.00
PG Diploma Programmes	500.00
Ph. D. (1 st & 2 nd year)	14000.00 + HRA
Ph. D. (3 rd year)	15000.00 + HRA
Post Doctoral Fellowship	18750.00 + HRA

* R s . 4000/-for internship in N.E. states; Rs. 3500/-in NRHM states; R s . 3000/-in other states.

Other Financial Assistance

Apart from the educational stipend mentioned above, the staff and research scholars of the institute received grants from Indian Council of Medical Research and Council of Scientific and Industrial Research for attending and presenting papers at international conferences. The details are given below.

1. Dr. Prawin Kumar, Lecturer in Audiology, received a grant of Rs. 81,426.00/-from the Indian Council of Medical Research, Govt. of India, New Delhi, to attend the 9th Asian Pacific Conference on Speech, Language held at Taiwan on 31-October - 3 November, 2013.
2. Ms. V. Ramya, Junior Research Fellow received a grant of Rs. 56,161/- from the Council of Scientific & Industrial Research, New Delhi, to attend the 11th Congress of the European Federation of Audiology Societies, held at Budapest, Hungary on 19-22 June, 2013.

3. Sindhusa Chandran received Rs. 1,00,000/- from the Institute of Electrical and Electronics Engineers to attend the IEEE-Global Humanitarian Technology Conference –South Asia at California on 20-23 October, 2013.

Student Placement

A Placement Cell was established as an Institutional arrangement of placing the passing out students in reputed organizations and establishments.

The Placement Cell disseminated 74 domestic and foreign employment opportunities among the prospective job seeking students of the Institute in the area of Speech-language Pathology, Audiology and Special Education during the reporting year. The Cell also interacted with the reputed employers and arranged for campus selection.



Placement interview by the representatives of M/s Amplifon India Pvt. Ltd.

Journal Club and Clinical Conference

In order to enhance the clinical and research acumen of students, the Institute conducts Journal Clubs and Clinical Conferences on communication and its disorders under the guidance and supervision of faculty members. They provide ample opportunities for the students to participate and apply critical analytical skills in both clinical care and novel research.

Totally 15 scientific articles published in reputed international journals on communication and its disorders and 15 clinical cases attended at the Institute were discussed during the Clinical Conference and Journal Club meetings held during the reporting year.

The details of the Journal Club papers discussed during the reporting year are given below.

1. Advani L., Alur M., Iyanar J., Jain., Jha M.M., Mathew S. & Mishra A. (2012). Changing Role of Special Schools in the Context of Inclusive Education: Some Evidence Based Practices, Journal of National Convention of Educators of the Deaf, 4, 1.
2. Bram Van Dun, Lyndal Carter, Harvey Dillon. (2012). Sensitivity of cortical auditory evoked potential detection for hearing-impaired infants in response to short speech sounds. Audiology Research, 2, 65-76.
3. Buchweitz, A., Shinkareva, V.S., Mason, A.R., Mitchell, M.T. & Just, A.M. (2012). Identifying bilingual semantic neural representations across languages. Brain and Language, 120, 282-289.
4. Dawes, P., Powell, S., & Munro, K.J. (2011). The Placebo Effect and the influence of participant expectation on hearing aid trials. Ear & Hearing, 32(6), 767-774.
5. Elbana A.M., Abdel-Salam S, Morad MG, Omran, AM (2013). Endogenous bone marrow stem cell mobilization in rats: Its Potential Role in homing and repair of damaged inner ear. Egyptian Journal of Ear Nose, 3,6,121-45.
6. Evelyn Ya Lian Tay, Debra Jean Phyland, and Jennifer Oates. (2012). The Effect of Vocal Function Exercises on the Voices of Aging Community Choral Singers. Journal of Voice, 26, 5, 672.
7. Giriraj Singh Shekhawat, Grant D. Searchfield, Kei Kobayas.Ohi & Cathy M. Stinear. (2013). Prescription of hearing aid output for tinnitus relief. International Journal of Audiology. 52, 617-625.
8. Gnanateja G. N., Ranjeet R., Husna F., Sujeet K. S., Sandeep, M. (2013). Acoustic basis of Context dependent brainstem encoding of speech. Hearing Research, 304, 28-32.
9. Kenneth R. Pugh, Nicole Landi, Jonathan L. Preston, W. Einar, Alison C. Austin, Daragh Sibley & Robert K. Fulbright (2013). The relationship between phonological and auditory processing and organization in beginning readers. Brain & Language, 125, 2, 234-240.

10. Kris Boyen., Dave R.M.Langers., Emile de Kleine & Pim van Dijk (2013). Gray matter in the brain: Differences associated with tinnitus and hearing loss 2013; Hearing Research 295, 67-78.
11. Marco M., Emanuela P., Giovanni P. S., Jacopo C., Augusto C., Mario F., Beatrice G., Mauro, (2013). Double-blind randomized trial on the efficacy of the Gufoni Maneuver for treatment of Lateral Canal BPPV. The Laryngoscope, 123, 7, 1782-1786.
12. Mason-Baughman, M., & Wallace, S.E. (2013). Semantic feature knowledge in persons with Aphasia. Aphasiology, 27, 3, 364-380.
13. Nancy J. Scherer, Lynn Williams, Carol Stoel-Gammon, & Ann Kaiser. (2012). Assessment of single word production for children under three years of age: Comparison of children with and without cleft palate. International Journal of Otolaryngology, 12, 3.
14. Peterson. E.A., Roy.N., Awan S.N., Merrill.R.M., Banks, & Tanner.K. (2013). Towards Validation of the Cepstral Spectral Index of Dysphonia (CSID) as an Objective Treatment Outcome Measure. Journal of Voice 27,4, 401-410.
15. Sue A. Karsten, Christopher W.Turner, Carolyn J.Brown, Eun Kyung Jeon, Paul J. Abbas, and Bruce J. Gantz. (2013). Optimizing the combination of acoustic and electric Hearing in the implanted ear. Ear and Hearing, 34(3), 675-697.



Students presenting paper at the Journal Club

The following clinical cases attended at the Institute were discussed at the Clinical

conference meetings held during the reporting year.

1. Bilateral hearing loss and speech problems following a road traffic accident
2. Bilateral hearing loss and vision problem following a road traffic accident
3. Bilateral mild SN hearing loss (?) with auditory neuropathy
4. Bilateral Progressive hearing loss
5. Broca's aphasia
6. Delayed Speech and Language with below average intelligence with hearing loss (Cornelia De Lange Syndrome)
7. Delayed speech and language with Cerebral Palsy
8. Extra cochlear stimulation
9. Low pitch breathy voice due to right vocal fold paralysis
10. Management of Multifocal Dysphonia- A variation in Spasmodic Dysphonia
11. Medulloblastoma
12. Mild Hoarse Voice previously diagnosed as having Bilateral Abductor Palsy
13. Misarticulation secondary to tongue carcinoma
14. Sudden Sensor neural Hearing Loss
15. Tumors of auditory pathway with special reference to audio logical profile and management of Vestibular schwannoma.

Faculty

The experienced and well qualified teachers of the institute were engaged in teaching and mentoring the students. They also supported learners in every possible manner. The institute had a faculty strength of 59 during the reporting year which includes 46 regular and 13 contract staff. Category-wise, there were 34 lecturers, 11 readers and 14 professors. 03 contract teaching staff were appointed newly during the period.

Guest Lectures

The institute hosted lectures by distinguished persons who visited the institute by special invitation. Faculty and students were encouraged to meet the visitors and engage in interactions. Some of the important lectures delivered by the eminent personalities, who visited the Institute during the reporting year, are given in table 6.

Table 6 : Guest lectures

Lecturer	Topic	Date
Dr. Vanishree, Professor & Head, Department of Law, JSS Law College, Mysore	Constitution of India	12.04.13
Dr. S. Mahesh, Professor of Environmental Engineering, SJCE, Mysore	Environmental Science	16.04.13
Dr. Sanyukta Jaiswal, Asst. Professor of Hearing, Speech & Language Sciences, University of Gallaudet, Washington, D.C.	Recent development in voice physiology	11.06.13
Dr. Chetana R, Senior Technical Officer, CFTRI, Mysore	Effect of diet on behaviour and growth in children	25.07.13
Mr. Leigh Martin, Audiologist & Former Member, Board of Directors, British Academy of Audiology & Audiologist and International Clinical Trainer for the Inter acoustics Academy	Wide band tympanometry	29.07.13
Mr. Felix, Audiologist, Germany	Newer trends in tinnitus	13.09.13
Mr. Saji, M, Senior Research Audiologist, Cochlear Ltd., Sydney	Advances in cochlear implant fitting paradigms	02.10.13
Dr. Anupama Kaur, Application Scientist, & Mr. Michael Paumen, Application Scientist, Invitrogen Bio Services India Limited	Next generation sequencing systems	12.12.13
Ms. H.S. Sreedevi, Consultant Paediatric Audiologist, Townville Hospital, Brisbane, Australia.	Application of wide band absorbance in screening and diagnosis of hearing problems	17.01.14
Dr. Vinaya K.C. Manchaiah, Sr Lecturer in Audiology, Anglia Ruskin University, Cambridge, UK.	Evaluating the process of change: Studies on patient journey, hearing disability acceptance and stages-of-change	17.01.14
Mrs. Janani Jeyaraman, Clinical Manager-Rehabilitation, & Ms. Shabanam, Clinical Specialist MED-EL India, New Delhi	Auditory management of children with hearing impaired	25.01.14
Dr. U Subramanya, Consultant Radiologist, Trivandrum, Kerala	Imaging of the auditory system & Radiological findings in the lesions of the auditory pathway	17.02.14
Dr. Rupinder Singh, Application Scientist, Invitrogen Bio Services India Limited	DNA amplification and its implications in Biomedical research	18.02.14
Dr. Anuj Gupta, Application Scientist, Agilent Technologies Limited	Genetics dissection of rare diseases using next generation sequencing.	28.02.14
Viral Sheth, Electrical Geodesics Inc., USA	Multi-channel EEG equipment	04.03.14
<div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <p>Ms. H.S. Sreedevi, delivering lecture</p> <p>Dr. S.R. Savithri, Director of the Institute felicitating Dr. Sanyukta Jaiswal</p> </div>		

In-house Training Programmes

In-house training programmes were conducted with the objective of equipping the staff with knowledge. The staff of the Institute were given training in recent advances in technologies and gadgets pertaining to communication and its disorders to meet their continuing training needs. Totally, 52 such in-house training programmes were carried during the reporting year on the topics given in table 7.

Table 7: In-house training programmes

Topic
3D printed Bionic Ear
A step towards digitization in ear mold technology
ALD: Amplified stethoscopes
Assistive library techniques for individual with deaf and hard of hearing
Basics on MATLAB
Bio aid: smart phone application
Can Presbycusis be prevented?
Cochlear micro phonics and its clinical application
Co-Curricular empowerment for pre-school children with special needs
Curriculum adaptation at secondary school level
Demo/Orientation on latest Electro physiological equipment
Digital processor of usefulness in sound localization through hearing aid
Disposable hearing aids
Effect of diet on behavior and growth in children
Effect of out-door environment in learning independent living skill for adult with multiple disability
Electroencephalogram oscillations and auditory processing
Hands on training on recent advancement in hearing aid technology
Hands on training on recent advances in the nucleus CI devices
ICS impulse-video head impulse test
Infection control in audiology clinic
Installation and Demonstration of new auto clave equipment and autoclaving process(swab culture)
Issues related to sensori-neural hearing loss
Low level laser therapy for tinnitus
Mainstream School adoption
Mainstream Teacher's Perspectives on inclusive education of children with special needs

Multi-frequency, multi-components tympanometry in meniers disease
Nano technology cochlear implants
New pension scheme and taxable & nontaxable income
Newer trends in tinnitus
Nurotron cochlear implant
Open source software's
Optical stimulation of spiral ganglion
Paradigm experiment builder software
Recent developments in cochlear implant processors
Recent developments in cochlear implant processors
Resound linxTM
Role of bacterial biofilms in management of CSOM & recurrent otitis media
Rondo-single unit processor
Self-management and mind management
Self-programming hearing aid software
Shape memory alloy embedded electrode array
Structure & functions of SEA-U: Roles & responsibilities of special educators
Updates on cochlear implant technology
Updates on new cochlear devices
Use of iPads in Audiology
Use of personal FM system for children with ASD/ADHD: Initial investigation
Use of reference managers
Vestibular assessment in children
Vestibular implant
Video library
Virtual sound environment
Wide band tympanometry

Orientation / Short-term Training Programmes

The institute conducted 129 orientation and short-term training programmes on various aspects of communication and its disorders. Three thousand five hundred and ten persons including speech and hearing and allied professionals, doctors, students, researchers, lawyers, forensic scientists, anganwadi workers, educators, family members and care givers of persons with communication disorders, parents of children with special needs from all over the country attended these programmes. The major

themes of orientation programmes were the following:

- Acoustic measurements and calibration of audio logical equipments
- Administration of hearing tests
- Communication disorders in children and the school screening programme
- Communication-Speech, language & hearing
- Conservation of voice
- Dementia



Dr. T.K. Prakash, Lecturer in ENT delivering orientation lecture on Conservation of Voice



Dr. N. Sreedevi, Reader in Speech Sciences delivering orientation lecture on dementia

- Digital Accelerometry for Swallowing Imaging
- Ear impression taking
- Ear impression techniques
- Early identification of cerebral palsy
- Effect of diet on behavior of children
- Factors leading to hearing loss
- Harmful effects of noise
- Hearing aid evaluation
- Hearing aid fitting procedures
- Hearing conservation
- Hearing evaluation
- Importance of usage & maintenance of EPDs
- Management of different types of speech and language disorders
- Methods for development of speech in children with special needs
- Methods in forensic speaker verification

- Prevention and identification of communication disorders



Participants of the orientation programme on Prevention and identification of Communication Disorders for ASHA workers with Dr. S.R. Savithri, Director, Dr. R. Manjula, Professor and other staff members of the Institute

- Recent advances in cochlear implant and signal Processing
- Signal Processing in Cochlear Implant
- Structure and functions of hum-an service organizations
- Tele-rehabilitation and Education

Workshops / Seminars / Conferences

Totally 30 workshops/ seminars/conferences including one International symposium were organized by different Departments of the Institute during the reporting year.

1. National Seminar on Unraveling the Mysteries of Cognitive Neuro-psychological Assessment & Management in Dementia, organized by the Department of Clinical Services under the coordination of Dr. Goswami, S. P., and Ms. Preethi T. Thomas on 10th April, 2013.



Dr. Thomas Bak, Professor, University of Edinburgh lighting the lamp at the inauguration of the National Seminar on Unraveling the Mysteries of Cognitive Neuro-psychological Assessment & Management in Dementia

2. Seminar on Rehabilitation of Oral Cancer, organized by the Department of Speech-

Language Pathology under the coordination of Mr. Gopi Kishore Pebbili and Dr. M. Pushpavathi on 17th April, 2013.

3. National Seminar on Recent Advances in Voice Care, organized by Department of Speech-Language Pathology under the coordination of Mr. Gopi Kishore Pebbili and Dr. M. Pushpavathi on 18 - 19 April, 2013.



Dr. Joseph C. Stemple, Professor, Division of Communication Sciences & Disorders, University of Kentucky, U.K speaking at the National Seminar on Advances in Voice Care

4. Workshop on Designing Software-Corel Draw, organized by the Department of Material Development under the coordination of Prof. Asha Yathiraj and Ms. Mukthi Subramania on 20th June, 2013.
5. Workshop on Body level hearing aid user, organized by the Department of Audiology under the coordination of Mr. Darga Baba Fakruddin and Ms. Megha, on 27th June, 2013.
6. Workshop on Application of Augmentative and Alternative Communication Methods in Children with Special Needs- A Practical Orientation, organized by the Department of Speech-Language Pathology under the coordination of Dr. Swapna, N. on 16th July, 2013.



Dr. Namitha Maunder, Speech-Language Pathologist & AAC Specialist, California lighting the lamp at the inauguration of the Workshop on Application of Augmentative and Alternative Communication Methods in Children with Special Needs

7. Workshop on Information Communication & Technology, organized by the Department of Electronics under the coordination of Ms. Kalai Selvi V.T. on 27th July, 2013.
8. Workshop on Development & Translation of Public Education Material Phase III, organized by the Department of POCD on 29 July - 2 August, 2013.
9. Workshop on Intellectual Property Rights, organized by the Department of Electronics under the coordination of Prof. Ajish K Abraham on 24th August, 2013.



Dr. Sadhana Srivastava, Deputy Director, ICMR, New Delhi delivering keynote address at the Workshop on Intellectual Property Right

10. National Workshop on Advancements in Electroacoustic Measurements, organized by the Department of Electronics under the coordination of Prof. Ajish K. Abraham on 24-25 September, 2013.
11. Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by the Department of Audiology under the coordination of Dr. Ramadevi Sreenivas K.J. & Prashanth Prabhu P. on 1st October, 2013.
12. Workshop on Advances in Cochlear Implant Fitting Paradigms, organized by the Department of Audiology under the coordination of Dr. Asha Yathiraj & Ms. Megha on 2nd October, 2013.
13. National Workshop on Assessment and Management of Stuttering, organized by the

Department of Speech-Language Sciences under the coordination of Dr. Y.V. Geetha & Dr. M. Santosh on 24-25 October, 2013.

14. Workshop on Insertion Gain Measurement – Basics and Current Updates, organized by the Department of Audiology under the coordination of Dr. P Manjula & Ms. Mamatha, M.N. on 26th October, 2013.
15. Workshop on Functional Vision Assessment and Management in Children with Dual Disability organized by the Department of Speech-Language Pathology under the coordination of Dr. Swapna, N. on 29-30 October, 2013.
16. Workshop on Creating Brochures for Different Speech and Hearing Disorders Level 1, organized by the Department of Material Development under the coordination of Prof. Asha Yathiraj and Ms. Mukthi Subramania on 6th November, 2013.
17. Workshop on Co-curricular Empowerment for Pre-school Children with Special Needs, organized by the Department of Special Education under the coordination of Ms. Asha Suresh, Ms. Vijayalakshmi and Ms. Sreevidya on 8th November, 2013.
18. Workshop on Translation of Brochures in Indian Languages Level 2, organized by the Department of Material Development under the coordination of Prof. Asha Yathiraj and Ms. Mukthi Subramania on 26th November, 2013.
19. Workshop on Screening Children for Learning Disability in Classroom, organized by the Department of Speech-Language Sciences under the coordination of Dr. K. S. Prema on nine days from 26th August to 4th December, 2013.
20. Workshop on Introducing Relevant Audiology Aspects of Cochlear Implant Program to the Educators, organized by the Department of

Special Education, and ME-DAE India, Bangalore under the coordination of Ms. Prithi Venkatesh on 19th December, 2013.

21. Workshop on Teachers Guide for Curriculum Adaptation for Teaching Children with Special Needs in an Inclusive Set up- Phase III, organized by the Department of Special Education under the coordination of Dr. Malar, Ms. Shobha B.N, Ms. Latha C and Ms Sumana H.P on 20th December, 2013.



Prof. Awadesh Kumar Mishra, Director, Central Institute of Indian Languages speaking at the Workshop on Teachers Guide for Curriculum Adaptation

22. National Symposium on Epidemiology in Communication Disorders, organized by the Department of POCD on 24th January, 2014.



Dr. N. Sreekumaran Nair, Professor & Head, Dept. of Statistics, Manipal University delivering keynote address at the National Symposium on Epidemiology in Communication Disorders

23. Workshop on Auditory Management of Children with HI, organized by the Department of Audiology under the coordination of Prof. Asha Yathiraj, Revathi. K.R. & Dhanalakshmi, T. on 25th January, 2014.
24. Workshop on Development and Translation of Public Education Materials - Phase IV,

Verification and Finalization, organized by the Department of POCD on 3-4 February, 2014.

25. Workshop on Signal Processing with Matlab, organized by the Department of Electronics under the coordination of Mr. N. Manohar on 10- 11 February, 2014.

26. Seminar on Radiological Evaluation of the Auditory System, organized by the Department of Audiology under the coordination of Dr. Sandeep, M., Sharath Kumar, K.S. and Dr. Ajith Kumar, U. on 17th February, 2014.



Dr. U. Subramanya, Consultant Radiologist, Trivandrum speaking at the Seminar on the Radiological System on Auditory System

27. Workshop on Auditory and Language Training for Speech Language Pathologists and Hearing Professionals, jointly organized by the Department of Audiology and the Department of Clinical Services under the coordination of Dr. Yeshoda, K., Priya M.B., Ms. Megha and Dr. Ajith Kumar, U. on 18th February, 2014.



Ms. Lois Kam Heymann, CCC,SLP, New York lighting the lamp at the Inauguration of the Workshop on Auditory and Language Training for Speech Language Pathologists and Hearing Professionals

28. Workshop on Design Planning under ISO 9001:2008, organized by ISO Implementation Cell on 4th March, 2014.

29. International Symposium on Frontiers of Research on Speech and Music, organized by the AIISH in collaboration with the ITC Sangeet Research Academy, Kolkata and Sir C V Raman Centre for Physics and Music, Jadavpur University, Kolkata under the coordination of Mr. Ajish K. Abraham on 13-14 March, 2014.

30. Workshop on Use of Technology and Development of Teaching-learning Materials, organized by the Department of Special Education under the coordination of Ms. Prithi Venkatesh and Mr. Suresh. C. B. on 27th March, 2014.

Invited Talks delivered by the Faculty and Staff

The eminent faculty members and staff of the institute delivered several invited talks on the areas of their expertise on various occasions both inside and outside the institute. Totally 145 such invited talks were delivered during the reporting year, the details of which are given below.

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

- Inclusive Education for Children with Communication Disorders. Keynote address delivered at the Orientation programme on Inclusive Education for Elementary School Teachers held as a part of the Foundation Day celebrations of NCERT, New Delhi, organized by the Regional Institute of Education, Mysore on 1st September, 2013.
- Age Related Changes in Production of Speech. Lecture delivered at the National Conference on Aging and its Effects on Hearing, Speech, Language and Communication, organized by the Dr. S.R. Chandrashekar Institute of Speech and Hearing, Bangalore, on 19-21 September, 2013.
- Spectrographic Analysis of Speech, Technique and Interpretation. Programme conducted at the Workshop on Acoustic and

Spectrographic Analysis of Voice and Speech, organized by the Dr. S.R. Chandrashekar Institute of Speech and Hearing, Bangalore on 26th October, 2013.

- Speech and Hearing. Session chaired at the International Symposium on Acoustics, organized by Acoustical Society of India, French Acoustical Society and CSIR National Physical Laboratory, co-sponsored by the International Commission on Acoustics at CSIR-National Physical Laboratory, New Delhi on 10-12 November, 2013.
- Development of Speech Rhythm in Kannada speaking children. Invited Lecture delivered at the International Symposium on Frontiers of Research on Speech and Music, Mysore on 13-14 March, 2014.

Prof. Ajish K. Abraham, Professor of Electronics

- Digital Hearing Aids. Lecture delivered for M. Tech students, organized by the Department of Biomedical Engineering, Sri Jai Chamarajendra College of Engineering, Mysore on 23rd May, 2013.
- Instrumentation for Speech Language Pathology. Lecture delivered for M. Tech students, organized by Department of Biomedical Engineering, Sri Jai Chamarajendra College of Engineering, Mysore on 24th May, 2013.
- Electro Acoustic Evaluation. Lecture delivered at the National Workshop on Advancements in Electroacoustic Measurements, organized by the Department of Electronics, AIISH, Mysore, on 24-25 September, 2013.
- Advancements in Electroacoustic Evaluation. Lecture delivered at the National Workshop on Advancements in Electroacoustic Measurements, organized by the Department of Electronics, AIISH, Mysore, on 24-25 September, 2013.

- Role of Technology in Improving the Quality of Life of Persons with Disabilities. Brainstorming Session at Technology Information Forecasting and Assessment Council, Dept. of Science & Technology, New Delhi on 27th November, 2013.
- Harnessing Technology to Address Access Issues for Persons with Hearing Impairment. Lecture delivered at the National Seminar on Harnessing Technology for Empowering Persons with Hearing Impairment organized by AYJNIHH Mumbai and Dept. of Disabilities, Ministry of Social Justice & Empowerment, Govt. of India, New Delhi at Indian Spinal Injury Centre, New Delhi on 29-30 November, 2013.
- Speech Signal Processing in Hearing Aids. Keynote Address delivered at the National Seminar on System Design and Information Processing, organized by the PSNA College of Engineering & Technology, Dindigul, Tamil Nadu on 20th March, 2014.
- Impact of Technology in Education. Lecture delivered at the Workshop on Use of Technology and Development of Teaching Learning Materials, organized by Dept. of Special Education, AIISH, Mysore on 27th March 2014.

Dr. Ajith Kumar, U., Reader in Audiology

- Auditory Evoked Potentials in Auditory Rehabilitation: Monitoring Auditory Training. Lecture delivered at the International Conference on Audiological Medicine, organized by the Manipal University, Manipal on 5-6 September, 2013.
- Role of Efferent Auditory Pathway on Hearing and Learning. Lecture delivered at the International Conference on Audiological Medicine, organized by the Manipal University, Manipal on 5-6 September, 2013.



Dr. Ajith Kumar U, Reader in Audiology delivering keynote address at the International conference Audiological Medicine

- Acts–National and International and Counseling. Lecture delivered at the 46th Indian Speech and Hearing Association Conference, organized by the Amritha Institute of Medical Sciences, Cochin on 7th February, 2014.

Dr. Anjana B. Ram, Lecturer in Speech Pathology

- Assessment of Stuttering. Lecture delivered at the Conference on An Insight Into Assessment and Management Strategies for Articulation, Phonology and Fluency Disorders, organized by the Father Muller's College of Speech and Hearing on 28th September, 2013.
- Recent Advances in Assessment of Stuttering- Differential Diagnosis between Normal Non-fluency Stuttering. National Workshop on Assessment and Management of Stuttering held at AIISH, Mysore on 24-25 October, 2013.

Mr. Arunraj, K., Clinical Assistant

- Current Scenario of Epidemiological Research in Communication Disorders. Lecture delivered at the National Symposium on Epidemiology in Communication Disorders, organized by the Department of Prevention of Communication Disorders, AIISH, Mysore on 24th January 2014.

Ms. Asha Suresh, Special Educator

- Improving the Quality of Life of Children with Cerebral Palsy in the School Set up.

Lecture delivered during the National Cerebral Palsy Day, organized by the Motor Speech Disorders Clinic, AIISH, Mysore on 3rd October, 2013

- Visual Arts and Craft. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Dr. Asha Yathiraj, Professor of Audiology

- Overview to Auditory Rehabilitation. Lecture delivered at the Workshop on Auditory Management of Children with Hearing Impairment, organized by the Department of Audiology, AIISH, Mysore on 25th January, 2014.

Mr. Darga Baba Fakruddin, Audiologist Grade I

- Recent Advances in Hearing Device Technology. Lecture cum demonstration delivered at the Workshop for Body Level Hearing Aid Users organized by the Department of Audiology, AIISH, Mysore on 27th June, 2013.

Ms. Deepthi K.J., Lecturer in Speech Language Pathology

- Speech and Language Stimulation for Children with Cerebral Palsy in School Setting. Lecture delivered at the International Day for Persons with Cerebral Palsy, organized by the Dept. of Speech Language Pathology, AIISH, Mysore on 3rd October, 2013.

Mrs. Geetha M. P., Speech-Language Pathologist Grade I

- Myths and Facts on Stuttering. Lecture delivered during the International Stuttering Awareness Day celebrations, organized by

the Department of Clinical Services on 8th November, 2013.

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

- Management of Adults with Stuttering. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 24-25 October, 2013.
- An Overview of Fluency Disorders. Lecture delivered during the International Fluency Awareness Day celebrations, organized by the Dept. of Clinical Services, AIISH, Mysore on 8th November, 2013.

Mr. Gopi Sankar R., Research Officer

- Cerebral Palsy - Speech Characteristics and Associated Problems. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by Sneha Kiran Special School, Mysore on 27th January, 2014.
- Autism Spectrum Disorders - Sensory Issues and Other Associated Problems. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by Sneha Kiran Special School, Mysore on 27th January, 2014.

Mr. Harish Kumar, Special Educator

- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

- Strategies for Curriculum Adaptation in Teaching Mathematics. Lecture delivered at the Workshop on Teachers Guide for Curriculum Adaptation for Teaching Children with Special Needs in an Inclusive Set up - Phase III, organized by the Department of Special Education, AIISH, Mysore on 20th December 2013.

Dr. Hema. N., Lecturer in Speech Sciences

- Administration of Bi-lingual Assessment Battery (BLAB). Lecture delivered at the Workshop on Screening Children for Learning Disability in Classroom, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 4th December, 2013.

Dr. Jayarama, G., Reader in Clinical Psychology

- Mental Retardation types and management. Lecture delivered at Women and Child Welfare Department, Disabled & Senior Citizen Empowerment Department, Swami Vivekananda Youth Movement, Hebbal, Mysore on 14th March, 2014 and 21st March, 2014.

Ms. Kalyani, J. Special Educator

- Curriculum Adaptation in Science. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms. Kumudha, Special Educator

- Dance. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Dance and Drama. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms. Lakshmi, Special Educator

- Remedial Teaching Strategies. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 9th April, 2013.

Ms. Latha C, Special Educator

- Adapted Yoga Techniques for CWSN. Lecture delivered at the In-service Training Programme organized by the Mathrumandali Shishu Vikasa Kendra, Mysore on 2nd April, 2013.
- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms. Laxme. J, Audiologist Grade I

- Central Auditory Processing Disorders and Learning disability. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 9th April, 2013.

Ms. Leelarani, Special Educator

- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Dance and Drama. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Strategies for Curriculum Adaptation in Teaching Social Science. Lecture delivered at the Workshop on Teachers Guide for Curriculum Adaptation for Teaching Children with Special Needs in an Inclusive Set up - Phase III, organized by the Department of Special Education, AIISH, Mysore on 20th December, 2013.

Dr. Malar, G., Reader in Special Education

- Educational Welfare Measures for Learners with Learning Disability. Lecture delivered at the In-service Training Programme for the Teachers, organized by the Pramathi Hill View Academy, Mysore on 9th November, 2013.
- Strategies for Curriculum Adaptation in Teaching English Language. Lecture delivered at the Workshop on Teachers Guide for Curriculum Adaptation for Teaching Children with Special Needs in an Inclusive Set Up - Phase III, organized by the Department of Special education, AIISH, Mysore on 20th December, 2013.
- Adaptation of Grade Level Assessment & Post-School Transitional Assessment for Learners with Special Needs. Lecture delivered at the Regional Workshop on Assessment & Examination Practices at Secondary Stage, organized by RMSA Cell, Regional Institute of Education, Mysore on 18th March, 2014.

Dr. Manjula, P., Professor of Audiology

- Bridging the Gap: Implantable Hearing Technology. Lecture delivered at the National Seminar on Harnessing Technology for Empowering Persons with Hearing Impairment, organized by the AYJNIHH Mumbai and the Dept. of Disabilities, Ministry of Social Justice & Empowerment, Govt. of India, New Delhi at Indian Spinal Injury Centre, New Delhi on 29-30 November, 2013.

Ms. Manjula. P.V, Special Educator

- Adapted Yoga Techniques for CWSN. Lecture delivered at the In-service Training Programme organized by the Mathrumandali Shishu Vikasa Kendra, Mysore on 2nd April, 2013.
- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Music. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Strategies for Curriculum Adaptation in Teaching Science. Lecture delivered at the Workshop on Teachers Guide for Curriculum Adaptation for Teaching Children with Special Needs in an Inclusive Set up - Phase III, organized by the Department of Special Education, AIISH, Mysore on 20th December, 2013.

Dr. R.Manjula, Professor of Speech Pathology

- Neurogenic Voice Disorders – Speech-Language Pathologist's Role. Lecture delivered at the 2nd Annual Conference of Laryngology and Voice Association – Laryngology Update 2013, held at Chennai on 24th August, 2013.
- Management of Dysphagia in Neurological Illnesses. Lecture delivered at the 2nd Annual Conference of Laryngology and Voice Association – Laryngology Update 2013, held at Chennai on 25th August, 2013.
- Assessment and Management of Dysphagia. Pre-Conference Workshop organized at the Sri Ramachandra Medical College & Research Institute, Sri Ramachandra University, Chennai on 24-25 August, 2013.

Ms. Megha, Clinical Assistant

- Care, Use & Trouble-shooting of Body Level Hearing Aids. Lecture cum demonstration delivered at the Workshop for Body Level Hearing Aid Users, organized by the Department of Audiology, AIISH, Mysore on 27th June, 2013.

Mr. Pradeep Kumar, Speech-Language Pathologist Grade II

- Concession and Facility Available for Cerebral Palsy Clients in Govt. Sectors. Lecture delivered during the International Day for Persons with Cerebral Palsy celebrations, organized by the Dept. of Speech Language Pathology, AIISH, Mysore on 3rd October, 2013.
- Cerebral Palsy - Assessment and Management. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 27th October, 2013.
- Autism Spectrum Disorders - Modifications and Accommodations in Class Room Setting. Lecture delivered at the Training Programme

on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 7th February, 2014.

- Speech and Language Intervention for Parkinson Disease. Lecture delivered at the Saraswathi Samudaya Bhavan, Jayalakshmipuram, Mysore on 9th February, 2014.

Dr. T.K. Prakash, Lecturer in ENT

- Voice Production. Lecture delivered at the Orientation Programme on Conservation of Voice, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 29th January, 2014.
- Flaps in Head & Neck Area. Session moderated at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University, Mysore on 9-12 January, 2014.
- Thyroid Surgery. Session moderated at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University, Mysore on 9-12 January, 2014.

Mr. Prashanth R., Medical Social Worker

- Role of Social Worker in the Management of Persons with Dementia. Lecture delivered at the Orientation Programme on Rising to the Dementia Challenge: Caring for Minds that Cannot Remember, organized by the Department of Clinical Services, AIISH, Mysore on 26th September, 2013.

Ms. Prathima S, Itinerant Speech Therapist

- Inclusive Education for Children with Cerebral Palsy. Lecture delivered during the International Day for Persons with Cerebral

Palsy, organized by the Dept. of Speech Language Pathology, AIISH, Mysore on 3rd October 2013.

- Cerebral Palsy-Modifications and Accommodations in the Classroom Settings. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 28th January 2014.
- Overview to Autism Spectrum Disorders. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by Sneha Kiran Special School, Mysore on 5th February 2014.

Mrs. Preethi T. Thomas, Speech-Language Pathologist, Grade I

- Resolving the Challenges in Communicating with Persons with Dementia. Lecture delivered at the Orientation Program on Rising to the Dementia Challenge: Caring for Minds that Cannot Remember, organized by the Department of Clinical Services, AIISH, Mysore on 26th September, 2013.

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

- Curriculum Adaptation in Language. Lecture delivered during the NCERT Foundation Day celebrations, organized by the Regional Institute of Education, Mysore on 1st September, 2013.

Ms. Prithi Venkatesh, Lecturer in Special Education

- Use of ICT for Children with Special Needs. Lecture delivered at the Workshop on the Use of Technology and Development of Teaching-Learning Materials, organized by the Department of Special Education, AIISH, Mysore on 27th March, 2014.

Ms. Priya M.B, Clinical Supervisor

- Universal Characteristic Features of Stuttering. Lecture delivered during the International Stuttering Awareness Day celebrations, organized by the Department of Clinical Services on 8th November, 2013.
- Autism Spectrum Disorders - Assessment and Management. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 27th January, 2014.
- Cerebral Palsy - Assessment and Management. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 27th January, 2014.

Dr. M. Pushpavathi, Professor of Speech Pathology

- Speech Outcomes After Surgical Closure of Palatal Fistulas. Keynote address delivered at the 4th Annual Conference of Association for Oral and Maxillofacial Surgeons of India, Karnataka State Chapter at Belgaum on 28th March, 2014.

Mr. Rajasudhakar R., Lecturer in Speech Sciences

- Assessment of Professional Voice (Teachers). Lecture delivered at the 3rd TAN-ISHA, organized by the Indian Speech and Hearing Association, Tamil Nadu Chapter, Coimbatore on 21st September, 2013.
- Recent Trends on Assessment of Pediatric Voice Disorders & Recent Trends in Management of Pediatric Voice Disorders. Lectures delivered at the Seminar on Paediatric Voice Disorders, organized by the Wellcare Institute of Speech & Hearing

(WISHCON-2013), Calicut, Kerala on 27th October, 2013.

Dr. G. Rajeshwari, Professor in ENT

- Cobalation in ENT. Session chaired at the Continuing Medical Education Programme, organized by the Mysore Medical College & Research Institute, Mysore on 20th April, 2013.
- Allergy and Deafness. Live phone in programme for the Television Channel, Channel C, Mysore on 20th July, 2014.
- Problems in - Cochlear Implantation Surgeries. Session moderated at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University at Mysore on 9-12 January, 2014.
- Junior Consultant Free Paper Session. Session moderated at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University at Mysore on 9-12 January, 2014.
- Vertigo—Its Evaluation and Management. Panel discussion at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University at Mysore on 9-12 January, 2014.

Mr. Rajkumar, Special Educator

- Improving the Quality of Life of Children with Cerebral Palsy in the School Set Up. Lecture delivered during the International Day for Persons with Cerebral Palsy celebrations, organized by the Dept. of Speech Language Pathology, AIISH, Mysore on 3rd October, 2013.

- Games. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms. Ramanakumari.P.V, Special Educator

- Curriculum Adaptation in Mathematics. Lecture delivered during the NCERT Foundation Day celebrations, organized by the Regional Institute of Education, Mysore on 1st September, 2013.
- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Music. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Dr. Sandeep, M., Reader in Audiology

- Advances in the Diagnosis of Auditory Disorders. Lecture delivered at the 3rd TAN ISHACON KOVAI-2013, Coimbatore on 21st September, 2013.

Ms. Sangeetha Mahesh, Clinical Lecturer

- Assessment of Adults with Stuttering. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by the Department of Speech-Language Sciences, AIISH Mysore on 24th October, 2013.
- Role of Teachers in Identification and Management of Stuttering. Lecture delivered during the International Stuttering Awareness Day celebrations, organized by

the Department of Clinical Services, AIISH on 8th November 2013.

Dr. M. Santosh, Reader in Speech Sciences

- Introduction to Stuttering and Management of Stuttering. Lecture delivered at the Conference on An Insight Into Assessment and Management Strategies for Articulation, Phonology and Fluency Disorders, organized by the Father Muller's College of Speech and Hearing on 28th September, 2013.
- Assessment of Stuttering in Persons Who Stutter. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 24-25 October, 2013.
- Protecting and Promoting the Rights of Persons with Stuttering. Lecture delivered during the International Stuttering Awareness Day celebrations, organized by the Dept. of Clinical Services, AIISH, Mysore on 8th November, 2013.

Ms. Seema M.S, Clinical Supervisor

- Cerebral Palsy: Speech Characteristics and Associated Problems. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 27th January, 2014.
- Autism Spectrum Disorders: Sensory Issues and other Associated Problems. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by Sneha Kiran Special School, Mysore on 27th January, 2014.

Mr.Sharanaiah MM, Special Educator

- Games. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs,

organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms Shobha. B. N, Special Educator

- Cognitive Skill in Children with Learning Disability. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 9th April, 2013.
- Yoga. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms.Shobha. N. Odunavar, Lecturer in Special Education

- Cognitive Skill in Children with Learning Disability. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 9th April, 2013.

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

- Interaction of Linguistic and Speech Motor Processes during Language Production in Aphasia: Some New Insights and Clinical Advances. Lecture delivered at the International Symposium on Advances in Language-Cognition Research, organized by the Center for Neural and Cognitive Sciences at Hyderabad on 30th October, 2013.
- Ageing and its effects on speech, language and communication. Lecture delivered at National Conference on Ageing and its Effects on Hearing, Speech, Language and Communication, Bangalore on 19-21 September, 2013.

Dr. N. Sreedevi, Reader in Speech Sciences

- Assessment and Management Strategies for Articulation, Phonology. Lecture delivered at the Conference on An Insight Into Assessment and Management Strategies for Articulation, Phonology and Fluency Disorders, organized by the Father Muller's College of Speech and Hearing on 28th September, 2013.

Ms. Sreevidya, M.S., Special Educator

- Music. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.
- Dance and Drama. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Mr. Subramanya, Special Educator

- Physical Education. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Ms. Sujatha V. Shasthry, Clinical Assistant

- Cerebral Palsy -Modifications and Accommodations in the Classroom Settings. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by the Sneha Kiran Special School, Mysore on 7th February 2014.
- Team Approach for Autism Spectrum Disorders for Regular School Teachers. Lecture delivered at the Training Programme on Cerebral Palsy and Autism Spectrum Disorders for Regular School Teachers, organized by Sneha Kiran Special School, Mysore on 7th February 2014.

Dr. Sujeet Kumar Sinha, Lecturer in Audiology

- Basics of Balance System. Lecture delivered at the International Conference on Audiological Medicine organized by the Manipal University, Manipal on 5-6 September, 2013.

Ms.Sumana H.P. Special Educator

- Story Telling as a Means of Language Development for CWSN. Lecture delivered at the In-service Training Programme, organized by the Mathrumandali Shishu Vikasa Kendra, Mysore on 3rd April, 2013.
- Identification and Assessment of Learning Disability. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 8th April, 2013.
- Games. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Dr.H.Sundara Raju, Professor in ENT

- Near Total Laryngectomy. Session chaired at the Continuing Medical Education Programme, organized by the Mysore Medical College & Research Institute, Mysore on 20th April, 2013.
- Problems in - Cochlear Implantation Surgeries. Session moderated at the 66th Annual Conference of the Association of Otorhinolaryngology of India, organized by the Association of Otorhinolaryngology of India, Mysore branch and J.S.S. University, Mysore on 9-12 January, 2014.
- Radiological Evaluation of the Auditory System. Lecture delivered at the Department of Audiology, AIISH, on 17th February, 2014.
- Management of Allergic Rhinitis. Lecture delivered at the Scientific Symposium-CME,

organized by the Mysore Medical College, Mysore on 27th March, 2014.

Mr. Suresh.C.B, Special Educator

- Introduction to Learning Disability. Lecture delivered at the In-service Training Programme to the Teachers, organized by the Pramathi Hill View Academy, Mysore on 8th April, 2013.
- Music. Lecture delivered at the Workshop on Co-curricular Empowerment for Pre-School Children with Special Needs, organized by the Dept. of Special Education, AIISH, Mysore on 8th November, 2013.

Dr. Swapna N., Reader in Speech Pathology

- Overview of Cerebral Palsy. Lecture delivered at the International Day for Persons with Cerebral Palsy, organized by the Dept. of Speech Language Pathology, AIISH, Mysore on 3rd October, 2013.
- Management of Children with Stuttering. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by the Department of Speech-Language Sciences, AIISH, Mysore on 25th October, 2013.
- Communication Disorders-An Overview. Lecture delivered at the Hindi Workshop, organized by the Official Language Implementation Section, AIISH, Mysore on 11th December, 2013.

Dr. Vasantha Lakshmi M.S., Lecturer in Biostatistics

- Applications of Various Statistical Software in Epidemiological Study. Lecturer delivered at the National Symposium on Epidemiology in Communication Disorders, organized by the Dept. of Prevention of Communication Disorders, AIISH, Mysore on 24th January, 2014.

Dr. Venkatesan, S., Professor of Clinical Psychology

- Psychological Aspects of Rehabilitation for Persons with Mental Retardation: Current Trends and Issues. Key note address & theme presentation delivered at the National Seminar on Mental Retardation: Empowering Professionals for Better Service, organized by the Nirmala Sadan Training College for Special Education, Muvattupuzha, Kerala on 20-21 May, 2013.
- Identification and Management of Problem Behaviors in Persons with Mental Retardation: Recent Trends and Issues. Key note address & theme presentation delivered at the National Seminar on Mental Retardation: Empowering Professionals for Better Service organized by the Nirmala Sadan Training College for Special Education, Muvattupuzha, Kerala on 20-21 May, 2013.
- Origins, Evolution & Contemporary Role of Parent Self Help Groups for Persons with Mental Retardation in India. Key note address & theme presentation delivered at the Regional Seminar, organized by the MDPAEDDC & PARIVAAR, National Confederation on Parents Associations of India and JSS Polytechnic for Differentially Abled, Mysore on 22-23 June, 2013.
- Autism Spectrum Disorders: Goal Setting and Management Strategies. Lecture delivered at the PG-CON-2013, organized by the JSS Medical College, Mysore on 17-18 August, 2013.
- Learning Disability. Lecture delivered at the Monthly Public Lecture Series programme, organized by AIISH, Mysore on 28th September, 2013.
- Suicide. Invited Lecture delivered for the PG students, organized by the Maharanis PG College, Mysore on 23rd November, 2013
- Introduction to Communication Disorders. Lecture delivered at the Orientation Programme for the B.Ed. students, Nirmala Sadan, Muvattupuzha, organized by the Department of Psychology, AIISH, Mysore on 28th November, 2013.
- Scope of Practice for Social Work in Communication Disorders. Lecture delivered at the Orientation Programme for the MSW Students, Roda Misrey College of Social Work, Hyderabad, organized by the Dept. of Psychology, AIISH, Mysore on 6th January 2014.
- Introduction to Communication Disorders. Lecture delivered at the Orientation Programme for the PG, MPhil, PhD Students, Srisankaracharya University of Sanskrit, Ernakulum, Kerala, organized by the Dept. of Psychology, AIISH, Mysore on 3rd February, 2014.
- Nature-Based Education for CWSN. Parent-Professional Interaction Met 2014, organized by the Regional Museum of Natural History, Ministry of Environment and Forest, Govt. of India at Mysore on 13th February, 2014.
- Psychological Problems in University Level Students: Identification & Referral. Lecture delivered at the UGC-Academic Staff College, University of Mysore, Mysore on 13th February, 2014.
- Applied Behavior Analysis. Lecture delivered at the Manasa Education Foundation under Kuvempu University, Shimoga at BVB, Bangalore on 22nd February, 2014.
- Law and Child Rights in the Context of CWSN. Lecture delivered at the District Legal Services Authority, Senate Bhavan, University of Mysore, Mysore on 23rd March, 2014.
- Psychology of Speech & Hearing. Lecture delivered at the Orientation Programme for the D.Ed. (HI) Students, Little Flower Special

School for Deaf, Chennai, organized by the Dept. of Psychology, AIISH, Mysore on 27th March, 2014.

- Psychology of Speech & Hearing. Lecture delivered at the Orientation Programme for the D.Ed. (MH) Students, National Institute for Empowerment of Persons with Multiple Disabilities, Chennai, organized by the Dept. of Psychology, AIISH, Mysore on 26 - 28 March, 2014.

Ms. Vijetha P., Lecturer in Special Education

- Curriculum Adaptation in Environmental Sciences. Lecture delivered during the NCERT Foundation Day celebrations, organized by the Regional Institute of Education, Mysore on 1st September, 2013.
- Assessment of Early Developmental Skills and School Readiness. Lecture delivered at the Regional Workshop on Assessment & Examination Practices at Secondary Stage, organized by RMSA Cell, Regional Institute of Education, Mysore on 18th March, 2014.

Dr. K. Yeshoda, Reader in Speech Sciences

- Anatomy and Physiology of Speech Mechanism. Lecture delivered during the World Music Day celebrations, jointly organized by the Department of Clinical Services and the Department of Speech-Language Sciences, AIISH on 4th July 2013.
- Voice Conservation and Vocal Hygiene for Singers. Lecture delivered during the World Music Day celebrations, jointly organized by the Department of Clinical Services and the Department of Speech-Language Sciences, AIISH on 4th July 2013.

Honorary Works done by the Faculty and Staff outside the Institute

The faculty and staff of the institute carried out significant honorary works like editorial and referee jobs for journals, reviewing of projects sponsored by national agencies, evaluation of theses and dissertations. Also, they served other organizations,

establishments and government bodies under various capacities during the reporting year. The details are given below.

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

- Member, Project Review and Steering Group (PRSG) on Text to Speech Consortium Phase-II, Ministry of Communications and Information Technology, Department of Information Technology, Government of India, New Delhi
- Member, Standing Project Advisory Committee, Linguistic Data Consortium for Indian Languages (LDCIL), Central Institute of Indian Languages, Mysore.
- Member, Standing Advisory Committee of Indian Sign Language Research & Training Centre, (ISLRTC), IGNOU, New Delhi.
- Member, Experts Committee for Examining the Existing Guidelines for Cochlear Implant Surgery under Central Government Health Scheme, Ministry of Health and Family Welfare, Government of India
- Member, Task Force on Cognitive Science Research Initiative (CSI, Department of Science and Technology, Govt. of India, New Delhi
- Member, Acoustics Standards Committee, Bureau of Indian Standards, New Delhi
- Member, Central Coordination Committee (CCC) for implementation of the National Programme for Prevention and Control of Deafness, Ministry of Health and Family Welfare, Government of India New Delhi
- Member, Advisory Committee on Audiological Testing and Dispensing of Hearing Aids and Devices, Rehabilitation Council of India, New Delhi
- Member, Academic Council, Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai

- Member, Governing Council, JSS Institute of Speech and Hearing, Mysore
- Member, Organizing Committee, 10th Kannada Vijnana Sammelan
- Chief Guest, Vasundhara Performing Arts Centre – ‘Chiguru Sanje’ at Jaganmohan Palace, Mysore
- Member, Affiliation Committee, University of Mysore, Mysore
- Member, National Advisory Group (NAG) of the Rashtriya Bal Swasthya Karyakram, Ministry of Health and Family Welfare, Govt. of India
- Adjudicator, Ph.D Programme, NIMHANS, Bangalore
- Reviewer, International Journal of Biometrics
- Reviewer, Journal of Indian Speech and Hearing Association
- Reviewer, Journal of Acoustical Society of India
- Chairperson, BOS (Sp. & Hg.), University of Mysore, Mysore.
- Chairperson, BOE (Sp. & Hg.), University of Mysore, Mysore.
- Chairperson, BOE (Sp. Ed.), University of Mysore, Mysore.

Prof. Ajish K. Abraham, Professor in Electronics

- Member, Board of Examiners, University of Mysore, Mysore
- Member, Board of Examiners, University of Bangalore, Bangalore
- Member, Board of Examiners, University of Kerala, Trivandrum
- Member, Board of Examiners, Kerala University of Health Sciences, Trissur
- Member, Acoustic Standards Committee, Bureau of Indian Standards, New Delhi
- Member, Selection Committee for the post of CSIR-SRF, SJCE, Mysore

Dr. Ajith Kumar U, Reader in Audiology

- Member, Board of Studies, Calicut University, Calicut
- Member, Board of Examinations, Bangalore University, Bangalore

Dr. Animesh Barman, Reader in Audiology

- Member, Board of Examinations(Sp. & Hg.), University of Mysore, Mysore
- Member, Board of Examinations(Sp. & Hg.), Bangalore University, Bangalore
- Examiner, Kerala Health University, Trissur
- Examiner, Bharati Vidyapeeth, Deemed University
- Examiner, Manipal University
- Reviewer, Journal of Noise and Health.
- Reviewer, ISHACON scientific papers

Dr. Asha Yathiraj, Professor in Audiology

- Member, Board of Studies (Sp. & Hg.), University of Mysore, Mysore.
- Editor, Journal of Otology and Rhinology.
- Member, RCI Team of Experts for Assessment of Educational Institutes.

Mr. Brajesh Priyadarshi, Lecturer in Linguistics

- Reviewer, Linguistic Journal

Ms. Chandni Jain, Lecturer in Audiology

- Reviewer, ISHACON scientific papers

Ms. Devi, N., Lecturer in Audiology

- Reviewer, ISHACON scientific papers

Ms. Geetha, C., Lecturer in Audiology

- Reviewer, ISHACON scientific papers

Dr. Y.V. Geetha, Professor of Speech Science

- Member, Board of Examiners, Mangalore University, Mangalore
- Member, Board of Examiners, University of Mysore, Mysore
- Member, Board of Studies, University of Mysore, Mysore
- Paper setter for post graduate course, Bangalore, University, Bangalore

Mr. Gopi Sankar R, Research Officer

- Reviewer, ISHACON Scientific papers

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

- External examiner, Dr. M. V. Shetty College of Speech & Hearing, Mangalore
- Joint Secretary, Alzheimer's and Related Disorders Society of India, Mysore chapter.
- Reviewer, Journal of Indian Speech and Hearing Association

Dr. Jayakumar, T., Lecturer in Speech Sciences

- Reviewer, IJSLPA journal

Dr. Jayashree C. Shanbal, Reader in Language Pathology

- Member, Technical Resource Group (TRG) on Developmental Delays and Disabilities of Rashtriya Bala Swasthya Karyakram, Ministry of Health & Family Welfare, Govt. of India.
- External Examiner, Bangalore University, Bangalore

Mr. Kuppuraj, S., Lecturer in Speech Sciences

- Reviewer, Research in Autism Spectrum Disorders

Dr. G. Malar, Reader in Special Education

- Member, Board of Appointment of Examiners, University of Mysore, Mysore
- Member, Board of Studies, Karnataka State Open University, Mysore
- Reviewer, Disability, CBR and Inclusive Development Journal

Dr. Manjula P, Professor of Audiology

- Member, Board of Examinations (Sp. & Hg.), University of Mysore, Mysore
- Member, Board of Examinations (Sp. & Hg.), University of Mysore, Mysore
- Member, RCI Team of Experts for Assessment of Educational Institutes.
- Reviewer, ISHACON scientific papers
- Reviewer, APSCI

Dr. R. Manjula, Professor of Speech Pathology

- President, International Society for Augmentative and Alternative Communication, India Chapter
- Reviewer, Journal of Indian Speech Language and Hearing Association
- Member, Board of Examiners, Bangalore University, Bangalore.
- Member, Board of Studies, Mysore University, Mysore
- Chairperson, Scientific Committee, Indian Speech Language and Hearing Association
- Member, Board of Studies, Karnataka State Open University
- Adjudicator, Ph.D. Programme, ISH, Bangalore
- Core Member (independent expert) , Technical Resource Group (TRG) on Developmental Delays and Disabilities of Rashtriya Bala Swasthya Karyakram, Ministry of Health & Family Welfare, Govt. of India

Mr. Prashanth Prabhu, P., Research Assistant

- Reviewer, Journal of Otology and Rhinology

Dr. Prawin Kumar, Lecturer in Audiology

- Reviewer, ISHACON Scientific Papers

Ms. Preethi T. Thomas, Speech Language Pathologist Grade I

- Member, Alzheimer's and Related Disorders Society of India, Mysore chapter

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

- Member, Selection committee for Asst. Professor in Special education at Avinashalingam University, Coimbatore
- Member, Board of Studies (Sp. & Hg.), University of Mysore, Mysore
- Member, Board of Studies, Avinashlingam Institute for Home Science and Higher Education for Women University, Coimbatore

- Member, Editorial Board, Indian Journal of Applied Linguistics
- Member, Editorial Board, Language Forum
- Member, Task force of Public Health Foundation of India, New Delhi for preparation of Occupational Standards for Allied Health Professional (Speech and Hearing and Special Educators)
- Member of Editorial Committee, Journal of Research in Innovative Teaching, National University Journal, USA
- Adjudicator, Doctoral Research Programme Department of Psychology, University of Mysore
- Reviewer, Journal of Indian Speech and Hearing Association
- Member of Editorial Committee, Journal of Research in Innovative Teaching, National University Journal, USA
- Reviewer, WJSA (Wudpecker Journal of Sociology and Anthropology), South Africa
- Reviewer, International Journal of Speech-Language Pathology
- Member, Fulbright State Alumni Association
- Member, Board of Examiners (Sp. Ed.), University of Mysore, Mysore
- Member, Board of Studies, Bangalore University, Bangalore
- Member, Board of Studies, Manipal University, Manipal
- Member, Board of Studies, Mangalore University, Mangalore
- Member, Board of Studies, Kannur University, Kannur
- Member, Board of Studies, Calicut University, Calicut
- Member, Board of Studies, University of Allied Health Sciences, Thrissur,
- Member, Board of Studies, Kerala University, Thiruvananthapuram
- Member, Board of Studies, Karnataka State Open University, Mysore

Ms. Prithi Nair, Lecturer in Special Education

- Member, RCI Team of Experts for Assessment of Educational Institutes

Dr. M. Pushpavathi, Professor of Speech Pathology

- Member, Board of Studies, University of Mangalore, Mangalore
- EC Member, Indian Society for Cleft Lip, Palate and Craniofacial Anomalies

Dr. Rajalakshmi, K., Professor of Audiology

- Panel of Examiners, SRM University, Kattankulathur, Tamil Nadu.

Mr. S. Ramkumar, Registrar

- College Nodal Officer, All India Survey on Higher Education, MHRD, Govt of India .
- Nodal Officer, Survey on Resources for Health Research in India, PHFI.

Dr. Sandeep, M., Reader in Audiology

- Member, Board of Examinations (Sp. & Hg.), Samvaad Institute of Speech & Hearing.
- Examiner, Kerala University in Health Sciences
- Examiner, Manipal University, Mangalore
- Examiner, University of Mysore, Mysore.
- Examiner, Bangalore University, Bangalore

Ms. Sangeetha Mahesh, Clinical Lecturer

- Member, RCI Team of Experts for Assessment of Educational Institutes.

Dr. Santosh, M, Reader in Speech Sciences

- Paper setter for post graduate course in Bangalore University
- Reviewer, Journal of Indian Speech and Hearing Association

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

- Member, International Editorial Board, Asia Pacific Journal of Speech, Language and Hearing, San Diego, USA

- Member, Editorial Board, International Journal of therapies and rehabilitation
- Member, Editorial Board, Annals of Neurology, New Delhi.
- Member, Editorial Board, CIA, Bangalore
- Member, Board of Studies, Osmania University, Hyderabad
- Member, Board of Studies, Calicut University, Calicut
- Member, Board of Studies, Kerala University, Trivandrum
- Member, Board of Studies, Banaras Hindu University, UP.
- Member, Board of Examiners, Kerala University, Trivandrum
- Member, Board of Examiners, Bangalore University, Bangalore.
- Peer Reviewer of Research Projects, AYJNIHH, Mumbai
- Peer Reviewer of Research Projects, CSIR, New Delhi
- Adjudicator, Ph.D. Programme, Osmania University, Hyderabad
- Adjudicator, Ph.D. Programme, Banaras Hindu University, U.P.
- Adjudicator, Ph.D. Programme, NIMHANS, Bangalore

Dr. N. Sreedevi, Reader in Speech Sciences

- Paper setter for post graduate course, Kerala health sciences University, Trissur
- Reviewer, Journal of Indian Speech and Hearing Association

Mr. Sreeraj, K., Lecturer in Audiology

- Reviewer, ISHACON Scientific Papers

Dr. Sujeet Kumar Sinha, Lecturer in Audiology

- Member, RCI Team of Experts for Assessment of Educational Institutes.
- Reviewer, ISHACON Scientific Papers

Dr. H. Sundara Raju, Professor in ENT

- Member, Board of Examiners, University of Mysore, Mysore

Dr. Swapna, N, Reader in Speech Pathology

- Member, Board of Studies, Karnataka State Open University, Mysore
- Member, Board of Examiners, University of Mysore, Mysore

Dr. Vasantha Lakshmi M.S, Lecturer in Biostatistics

- Member, Board of Examiners, Mysore University, Mysore
- Board of Examiners, Bangalore University, Bangalore
- Board of Examiners, University of Kerala, Trivandrum

Dr. Vijay Kumar Narne, Lecturer in Audiology

- Editor, Journal of Otology and Rhinology
- Editor, Journal of Research in Otolaryngology
- Reviewer, ISHACON Scientific Papers

Dr. K. Yeshoda, Reader in Speech Sciences

- Member, Board of Examiners, Bangalore University
- Member, Board of Studies, Mangalore University
- External examiner, Sri Ramachandra University, Chennai
- External examiner, Manipal University, Manipal
- Reviewer, Education and Review (ERJER) by Elite Research Journals.

Faculty Enrichment Programme

With the objective of broadening the research experience of the faculty members and to provide a platform for exchanging ideas and scholarship among the researchers across the Institute a Faculty Enrichment Programme was initiated.

The results of 26 Institute funded research projects were presented by the principal investigators and discussions were held on these as a part of the faculty enrichment programmes during the reporting year, the details of which are given in table 8.

Table 8 : Faculty enrichment presentations


Date	Topic	Presenter
25.07.13	Computer based assessment of phonological processes in Malayalam	Dr. Sreedevi, N.
25.07.13	Investigation of speech rhythm in stuttering individuals – Understanding its nature, fluency inducing conditions and effect of treatment	Dr. Santhosh, M.
01.08.13	Field Testing of Manual for Adult Fluent aphasia Therapy in Kannada (MAFAT-K)	Dr. Goswami, S.P.
08.08.13	Screening and diagnostic test materials and Intervention manuals for speech and language disorders	Dr. Goswami, S.P.
08.08.13	Comparison of screening protocol for the differentiation of type of hearing loss in neonatal intensive care unit infants	Dr. Vijay Kumar Narne
28.11.13	Efficacy of multidisciplinary preparatory services at AIISH in mainstreaming children with communication disorders	Dr. Malar, G.
29.11.13	Word and Non-word repetition test for children in Kannada	Dr. Swapna, N.
29.11.13	Treatment efficacy using Response Cost in children with stuttering	Ms. Sangeetha, M.
05.12.13	Development of audio – video database for communication disorders	Mr. Gopi Sankar
05.12.13	Screening Test for acquisition of Syntax in Malayalam (STAS-M): An adaptation of STASK	Ms. Preethi T. Thomas
06.12.13	Efficacy of fine grained auditory training in individuals with auditory dys synchrony	Prof. Asha Yathiraj
06.12.13	Maturation of auditory process in children aged 6-10 years	Prof. Asha Yathiraj
12.12.13	Audiovisual perception and processing in Individuals with Auditory Dyssynchrony	Dr. Sandeep, M.
13.12.13	Development and standardization of a questionnaire for early identification of psychosocial issues in children with cleft lip and palate	Ms. Amritha Kanchan
19.12.13	Screening Test for acquisition of syntax in Telugu (STAS-T): An adaptation of STASK	Mr. Gopi Kishore
19.12.13	Critical band based frequency compression & speech perception in noise in individuals with cochlear Hearing loss	Dr. Ajith kumar
20.12.13	An Articulatory study of Kannada consonants: Co-articulation & speech errors	Dr. Sreedevi N
20.12.13	Frequency of occurrence of phonemes in Kannada	Dr. Sreedevi, N.
27.12.13	Development of norms for assessment protocol for lexical semantic deficits using componential analysis	Mr. Brajesh Priyadarshi
27.12.13	An adaptation of early reading skill (ERS) in Hindi	Mr. Brajesh Priyadarshi
02.01.14	Variables contributing to relapses in individuals with stuttering	Dr. Geetha, Y.V.
02.01.14	Cortical potentials as measures of auditory temporal process	Dr. Vijay Kumar Narne
03.01.14	Assessment battery for children with learning disability (ABC-LD) – Phase II Language	Dr. Jayashree C. Shanbal
03.01.14	Language performance of Kannada-English bilingual individuals with Dementia	Dr. Shyamala, K.C.
09.01.14	Standardization of western Aphasia battery (WAB) in Telugu (monolinguals) and Telugu – English bilinguals	Dr. Shyamala, K.C.
10.01.14	Protocol for vestibular assessment and its efficacy in differential diagnosis of balance disorders	Mr. Niraj Kumar Singh



Research Accomplishments

Inside...

- | Funded Research Projects
- | Doctoral Research
- | Postgraduate Research
- | Scientific Presentations
- | Scientific Publications



Research Accomplishments in Numbers

Funded Projects - Completed = **43** (Rs.163.15 lakhs) ; Funded Projects - Ongoing = **34** (Rs.192.12 lakhs); Funded Projects - New = **14** (Rs.101.78 lakhs) ; Completed Doctoral Research = **7** ; Ongoing Doctoral Research = **39** ; Completed Postgraduate Research = **61**; Ongoing Postgraduate Research = **66**; International Conference Presentations= **34** ; National Conference Presentations = **39**; International Journal Articles = **55**; National Journal Articles = **42**; Books/ Book Chapters = **17**; Assessment Tools = **8**

Research Accomplishments

The institute promotes research related to communication and its disorders. Special emphasis is given to clinically relevant applied research on causes, control and prevention of communication disorders, assessment and treatment issues as well as the testing and refinement of new technologies for the speech and hearing impairment. Major research activities carried out at the institute during the reporting year are given below.

Funded Research Projects

The research projects include extramural and those sponsored by the institute from the AIISH Research Fund. Extramural research projects were funded by the Department of Science and Technology (DST) and Indian Council of Medical Research (ICMR).

Completed Research Projects

Forty three research projects worth a total cost of Rs. 163.15 lakhs were successfully completed in different departments during the reporting year. Of these, one project worth Rs. 12.28 lakhs was granted by ICMR and the remaining by the institute. The details are given below :

Development of Cognitive and linguistic Intervention Manual: Malayalam Speaking Persons with Dementia. Investigators: Goswami, S.P., Preethi T. Thomas. Funding: Indian Council of Medical Research. Rs. 12.28 lakhs.



A comparison of cognitive linguistic impairments in bi/multilingual persons with Aphasia, Traumatic Brain Injury and right hemisphere damage.

Investigators: Gayathri Krishnan, Shyamala, K.C.
Funding: AIISH Research Fund. Rs. 3.11 lakhs.

Altered frequency tuning of VEMP: Could it be a diagnostic tool to identify Endolymphatic hydrops.

Investigators: Niraj Kumar Singh, Rajeshwari, G., Animesh Barman, Sujeet Kumar Sinha. Funding : AIISH Research Fund. Rs. 3.21 lakhs.



Assessment of vestibular functions in individuals with auditory neuropathy. Investigators: Sujeet Kumar Sinha, Rajeshwari, G., Animesh Barman, Niraj Kumar Singh. Funding: AIISH Research Fund. Rs. 3.06 lakhs.

Attitudes of in-service educators towards inclusive education. Investigators: Vijetha, P., Prithi, V. Funding: AIISH Research Fund. Rs. 2.18 lakhs.

Audio visual resource manual on voice disorders. Investigators: Pushpavathi, M., Jayanthi Ray, Sundarraj.H, Gopi Sankar, R., Girish Kulkarni. Funding : AIISH Research Fund. Rs. 4.98 lakhs.

Audiovisual perception and processing in individual auditory dys-synchrony. Investigators: Sandeep

M., Geetha C. Funding : AIISH Research Fund. Rs. 3.11 lakhs.



Categorical semantic mapping: Priming based comparison of semantic and lexical-semantic distance in major lexical categories. Investigators: Priyanka Shailat, Varun Uthappa, A.G. Funding : AIISH Research Fund. Rs. 3.14 lakhs.

Comparison of CROS and BAHA in individuals with unilateral hearing loss. Investigators: Devi, N., Ramadevi Sreenivas, K.J., Darga Baba Fakruddin. Funding: AIISH Research Fund. Rs. 3.26 lakhs.

Computer based Assessment of Phonological Processes in Kannada- CAPP-K. Investigator: Sreedevi, N. Funding : AIISH Research Fund. Rs.4.70 lakhs.



Computerized Screening Test for Acquisition of Syntax in Hindi (STASH): An adaption of STASK. Investigators: Ajish K. Abraham, Goswami, S.P., Brajesh Priyadarshi. Funding : AIISH Research Fund. Rs. 5.80 lakhs.

Computerized version of manual for adult fluent & non-fluent aphasia therapy in Kannada. Investigators: Goswami, S.P., Jayashree C. Shanbal. Funding : AIISH Research Fund. Rs. 3.36 lakhs.

Cross language semantic treatment generalization in Kannada-English bilinguals with aphasia. Investigators: Gopee Krishnan, Shiwani Tiwari, Swathi Kiran, Shyamala, K.C. Funding : AIISH Research Fund. Rs. 3.06 lakhs.

Departmental project and action plan for disability access audit under UNCRPD. Investigator: Venkatesan, S. UNCRPD Implementation Committee, Institute Fund.

Development & evaluation of curriculum for speech-language transcription. Investigators: Prema, K.S., Peribhaskar Rao. Funding : AIISH Research Fund. Rs. 2.77 lakhs.

Development and standardization of a questionnaire for early identification of psychosocial issues in children with cleft lip/palate. Investigators: Amrita Kanchan, Venkatesan, S., Yashodhara Kumar, G.Y., Pushpavathi M. Funding : AIISH Research Fund. Rs. 2.20 lakhs.



Development and standardization of autism behavior check list for disability estimation (A2E). Investigator: Venkatesan, S. Funding : AIISH Research Fund. Rs. 4.85 lakhs.



Development of assessment batteries for bilingual (Kannada-English) and Malayalam-English children with specific language impairment. Investigators: Shyamala K.C., Shivani Tiwari, Gopee Krishnan. Funding : AIISH Research Fund. Rs. 5.82 lakhs.

Development of normative database in adult for the motor speech profile Investigators: Gauri Shankar Patil, Manjula, R. Funding: AIISH Research Fund. Rs. 2.96 lakhs.



Hearing conservation program: Attitudes of employers and the need for intervention module Investigator: Arun Raj, K., Devi, N. Funding: AIISH Research Fund. Rs. 3.26 lakhs.

Development of sentence test for speech recognition threshold in Hindi Investigators: Chandni Jain, Vijayakumar Narne, Niraj Kumar Singh, Prawin Kumar. Funding: AIISH Research Fund. Rs. 3.06 lakhs.

Development of verbal test of attention in children - Phase I Investigators: Priya, M.B., Sangeetha Mahesh, Venkatesan, S. Funding : AIISH Research Fund. Rs. 3.11 lakhs.

Developmental pattern of children with Down's syndrome: An exploratory study (Kannada) – Phase I Investigators: Preethi T. Thomas, Pushpavathi, M. Funding : AIISH Research Fund. Rs. 3.13 lakhs.

Effect of palatal obturator on speech Investigators: Pushpavathi, M., Sreedevi, N., Dakshayini. Funding : AIISH Research Fund. Rs. 4.98 lakhs.

Effect of velopharyngeal post closure on voice quality in individuals with repaired cleft plate Investigators: Pebbili Gopi Kishore, Deepa Anand. Funding : AIISH Research Fund. Rs. 3.11 lakhs.

Frequency of occurrence of phonemes in Malayalam. Investigator: Sreedevi, N. Funding : AIISH Research Fund. Rs. 3.21 lakhs.

Genotyping and a genetic association study in autism. Investigator: Shyamala, K.C. Funding : AIISH Research Fund. Rs. 5.72 lakhs.

Development of phonemically balanced word lists in Kannada for adults Investigators: Manjula, P., Geetha, C. , Sharath, K., Jawahar, A.P. Funding : AIISH Research Fund. Rs. 3.16 lakhs.



Hearing in musicians. Investigator: Rajalakshmi, K. Funding : AIISH Research Fund. Rs. 3.16 lakhs.

Impact evaluation of government benefits and concession provided to persons with mental retardation belonging to Mysore district. Investigators: Jayarama, G., Kalyan Kumar, Raju HH, Purushotham. P. Funding : AIISH Research Fund. Rs. 3.20 lakhs.

Influence of syllable structure and prime duration on intra-word constituent processing in adult speakers of English as second language.

Investigators: Varun Uthappa, A.G., Priyanka Shailat. Funding : AIISH Research Fund. Rs. 3.17 lakhs

Investigations of speech rhythm in stuttering individuals: Understanding its nature, fluency inducing conditions and effect of treatment.

Investigators: Santosh M., Sahana V. Funding : AIISH Research Fund. Rs. 2.96 lakhs.

Language Assessment Remediation and Screening Procedure (LARSP): An adaptation and standardization in Hindi. Investigators: Brajesh Priyadarshi, Shyamala, K.C. Funding : AIISH Research Fund. Rs. 3.04 lakhs.

Laryngeal aerodynamic analysis of vocal hyperfunction. Investigators: Gopi Kishore, P., Pushpavathi, M. Funding : AIISH Research Fund. Rs. 3.16 lakhs.

Neuro-physiological mechanisms of speech perception in noise. Investigators: Sandeep, M., Ajith Kumar, U. Funding : AIISH Research Fund. Rs. 3.26 lakhs.

Periodicity coding and perception of speech in noise in individuals with symmetrical and asymmetrical cochlear hearing loss. Investigator: Rajalakshmi, K. Funding : AIISH Research Fund. Rs. 3.26 lakhs.

Prediction of speech identification score using speech intelligibility index. Investigators: Asha Yathiraj, Manjula P., Vanaja, C.S. , Heramba G. Funding : AIISH Research Fund. Rs. 2.79 lakhs.

Prevalence of voice disorders in teachers: A survey. Investigators: Yeshoda, K., Jayakumar, T. Funding : AIISH Research Fund. Rs. 3.46 lakhs.

Profiling anxiety-depressive and personality correlates of individuals with tinnitus. Investigators: Venkataraja Aithal U., Kishan, Ajith

Kumar U., Johnson Alex. Funding : AIISH Research Fund. Rs. 3.71 lakhs.

Re-establishing norms of test for early reading skills. Investigator: Jayashree C. Shanbal. Funding: AIISH Research Fund. Rs. 3.01 lakhs.

Sub-typing of dyslexia: Application of ERP measures. Investigators: Mamatha N.M., Jayashree C. Shanbal, Gopi Sankar R. Funding : AIISH Research Fund. Rs. 5.77 lakhs.

Validating Manual for Treatment of 3R (Reading, Writing and Arithmetic) in Persons with Adult Aphasia – in Kannada (MTR3A2-K). Investigator: Goswami, S.P. Funding : AIISH Research Fund. Rs. 3.06 lakhs.

Voice characteristics in teachers. Investigators: Yeshoda, K., Rajasudhakar, R. Funding : AIISH Research Fund. Rs. 3.61 lakhs.

Ongoing Projects

Thirty four research projects worth Rs. 191.12 lakhs were ongoing in different departments during the reporting year. Of these, four projects worth Rs. 71.44 had extramural grants from DST and the remaining by the institute. The details are given below.

Cortical auditory evoked potentials as a measure of central auditory development in children with hearing impairment. Investigators: Vijayakumar Narne, Swapna, N., Jayakumar, T. Funding: Department of Science and Technology. Rs. 26.00 lakhs.

Feedback controls in persons with stuttering. Investigators: Geetha, Y.V., Sangeetha M., Sahana V., Sundara Raju, H. Funding: Department of Science and Technology, Rs. 11.68 lakhs.

Effect of auditory cognitive training on some auditory and speech perception skills in individuals with sensori-neural hearing loss. Investigators: Ajith Kumar, U., Sandeep, M.

Funding: Department of Science and Technology. Rs. 18.33 lakhs.

Development of manual for adult non-fluent and fluent aphasia therapy in Hindi, English, Tamil, Malayalam, Telegu and Marathi. Investigators: Goswami, S.P., Preethi T. Thomas. Funding: Department of Science and Technology. Rs. 15.43 lakhs.

A study of motor control in persons with mild and severe stuttering under conditions of motor stress. Investigators: Manjula, R., Venkatagiri, H. Funding : AIISH Research Fund. Rs. 6.94 lakhs.

Assessment of different vestibular pathways in individuals with peripheral vestibular disorders. Investigators: Sujeet Kumar Sinha, Rajeshwari, G. Funding : AIISH Research Fund. Rs. 3.06 lakhs.

Auditory processing in stutterers: Using non-linguistic and linguistic stimulus. Investigators: Jayakumar, T., Geetha, Y.V., Vijay Kumar Narne. Funding : AIISH Research Fund. Rs. 2.94.



Clinical evaluation of language fundamentals- Preschool for Kannada speaking English language learners. Investigator: Priya, M.B. Funding : AIISH Research Fund. Rs. 3.06 lakhs.

Comparative study of phonology syntax & morphology in Indian sign language of deaf signers in narration & discourse mode. Investigators: Manjula, R., Gourishankar, Ramamurthy, L. Funding : AIISH Research Fund. Rs. 4.34 lakhs.

Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task. Investigators: Manjula, R., Swapna, N. Funding : AIISH Research Fund. Rs. 2.57 lakhs.



Comparison of normal and pathological middle ears using multi-frequency tympanometry. Investigators: Sandeep M, Sharath K.S., Megha, Sundara Raju, H. Funding : AIISH Research Fund. Rs. 3.16 lakhs.

Design and development of assistive device for museum access to persons with hearing impairment. Investigators: Ajish K Abraham, Manohar, N. Funding : AIISH Research Fund. Rs. 5.68 lakhs.



Development & field testing of low cost feeding, supportive & mobility aids & appliances for person with physical disability, Phase II Investigators: Siddesh, N.S., Manjula, R. Funding : AIISH Research Fund. Rs. 2.38 lakhs.

Development & field trial of resource manual for oral sensori-motor functions in persons with

neurological involvement. Investigators: Manjula, R., Jyothi N. Funding : AIISH Research Fund. Rs. 4.49 lakhs.

Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability - Phase I. Investigators: Manjula, R., Siddesh, Harish Pai, Jayakaran, G.T. Funding : AIISH Research Fund. Rs. 2.28 lakhs.

Development and piloting of computer based auditory – cognitive training module for individuals with cochlear hearing loss. Investigators: Ajith Kumar, U., Sandeep, M. Funding : AIISH Research Fund. Rs. 5.00 lakhs.

Development of a manual on sign augmented speech in English for Indian context. Investigators: Venkatagiri, H. Manjula, R. Funding : AIISH Research Fund. Rs. 3.70 lakhs.



Development of hearing aid simulator. Investigators: Sujeet Kumar Singh, Animesh Barman, Guru, D.S., Vijayakumar Narne. Funding : AIISH Research Fund. Rs. 2.15 lakhs

Development of low frequency word lists in Hindi and in Kannada. Investigators: Animesh Barman, Prashanth Prabhu, Vijayakumar Narne, Niraj Kumar Singh. Funding : AIISH Research Fund. Rs. 5.92 lakhs.

Development of prototypes for electronic publishing of institute journals. Investigators:

Shijith Kumar, C., Yeshoda, K., Nanjunda Swamy, M. Funding : AIISH Research Fund. Rs. 2.00 lakhs.

Digital tutorial for pre-reading skill: A supplement to the intervention module for preschool children with communication disorders. Investigators: Swapna, N., Prema, K.S., Geetha, Y.V. Funding : AIISH Research Fund. Rs. 5.41 lakhs.



Dizziness index of impairment in activities of daily living scale for Indian population. Investigators: Niraj Kumar Singh, Prawin Kumar, Animesh Barman. Funding : AIISH Research Fund. Rs. 3.11 lakhs.

Early intervention module for parents of children with cleft lip and palate in Kannada, Phase I. Investigators: Pushpavathi, M., Pebbili Gopi Kishore, Gopisankar, R., Sathish V.H. Funding : AIISH Research Fund. Rs. 6.07.

Effect of frequency specific amplification on speech perception in individual with ANSD. Investigators: Animesh Barman, Prashanth Prabhu P., Sujeet Kumar Sinha. Funding : AIISH Research Fund. Rs. 3.31 lakhs.

Effects of semantic and syntactic treatments in bilingual stroke survivors. Investigators: Rangamani, G.N., Prema, K.S. Funding : AIISH Research Fund. Rs. 5.94 lakhs.

Intervention module for the management of speech & language skills for individuals with cerebral palsy. Investigators: Swapna, N., Manjula,

R., Geetha, Y.V. Funding : AIISH Research Fund. Rs. 5.72 lakhs.

Investigations of stuttering in bilinguals individuals who stutter. Investigators: Santosh, M., Geetha, M. P. Funding : AIISH Research Fund. Rs. 2.94 lakhs.

Neuro - physiology correlates of voice onset time in Kannada and Tamil speaking individual using N1 evoked potential. Investigators: Jayakumar, T., Vijaya Kumar Narne. Funding : AIISH Research Fund. Rs. 3.23 lakhs.



Prevalence of voice problems in primary school teachers of one district of Karnataka. Investigators: Usha Devdas, Santosh, M., Rajashekhar, B. Funding : AIISH Research Fund. Rs. 3.16 lakhs.

Process evaluation and comparison of the modules of outreach service centres as a factor of type of volunteers engaged in the activity. Investigators: Savithri S.R., Manjula R., Sudharshan, H. Funding : Plan Grants of AIISH. Rs. 6.62 lakhs.

Relationship between electro-physiological sub-cortical processing of speech and behavioral tests of central auditory function in children with (central) APD. Investigators: Prawin Kumar, Niraj Kumar Singh. Funding : AIISH Research Fund. Rs. 3.36 lakhs.

Sentence lists in Malayalam and Telugu. Investigators: Sreeraj K., Kishore Tanniru, Vijayakumar Narne, Niraj Kumar Singh, Chandni Jain, Ramadevi Sreenivas K.J. Funding : AIISH Research Fund. Rs. 6.02 lakhs.

Speech characteristics in children with oral cleft – Pre and post surgery: A longitudinal study. Investigators: Pushpavathi, M., Sathish, H.V., Gopi Sankar, R. Funding : AIISH Research Fund. Rs. 4.98 lakhs.

Speech characteristics in children with oral clefts – pre and post surgery: A longitudinal study in Telugu. Investigators: Pushpavathi, M., Srinivas Gosla Reddy, Swathi Ravindra. Funding : AIISH Research Fund. Rs. 6.08 lakhs.

New Research Projects

Fourteen research projects worth Rs. 101.78 lakhs were initiated in different departments during the reporting year. Of these, three projects worth Rs. 45.72 lakhs had extramural grants from DST and the remaining by the institute. The details are given below.

Effect of personal music systems on hearing. Investigator: Ajith Kumar, U. Funding: Science and Engineering Board, Department of Science and Technology. Rs. 17.80 lakhs.

Development and validation of screening tool to identify learning disability, teacher administered screening tool. Investigators: Prema K.S.Rao.(Co Principal Investigator, Dr. Nandini Singh, Project coordinator). Funding: Department of Science and Technology. Rs. 14.00 lakhs.

Auditory and multisensory processing in persons with stuttering. Investigators: Santosh, M., Ajith Kumar, U. Funding: Department of Science and Technology. Rs. 13.92 lakhs.

Assessment Tool for Early Literacy skills in Malayalam (ATEL-M) speaking children- Phase I. Investigators: Jayashree C. Shanbal, Sharon Susan Sam. Funding : AIISH Research Fund. Rs. 4.80 lakhs.



Development and standardization of screening checklist for ASD in Indian population.

Investigators: Shyamala, K. C., Suchithra M. G.
Funding : AIISH Research Fund. Rs. 5.90 lakhs.

Development of grade level assessment tests for primary grades I to VI: Applicable for children with communication disorders. Investigators: Malar, G., Vijayalakshmi, S., Subramanya, K. R. Funding : AIISH Research Fund. Rs. 2.85 lakhs.

Development of online system for hearing screening. Investigators: Chandni Jain, Ajish K Abraham. Funding : AIISH Research Fund. Rs. 6.56 lakhs.

Modified receptive expressive language test for children between the age range of 3-7 years. Investigators: Deepa, M. S., Shyamala, K.C., Deepthi, K. J. Funding : AIISH Research Fund. Rs. 4.00 lakhs.



Pre & post voice characteristics in septoplasty.

Investigators: Prakash, T.K., Gopi Kishore Pebbili.
Funding : AIISH Research Fund. Rs. 4.10 lakhs.

Profiling cognitive-communication impairments in the elderly. Investigators: Deepa, M. S., Shyamala, K.C. Funding : AIISH Research Fund. Rs. 6.40.

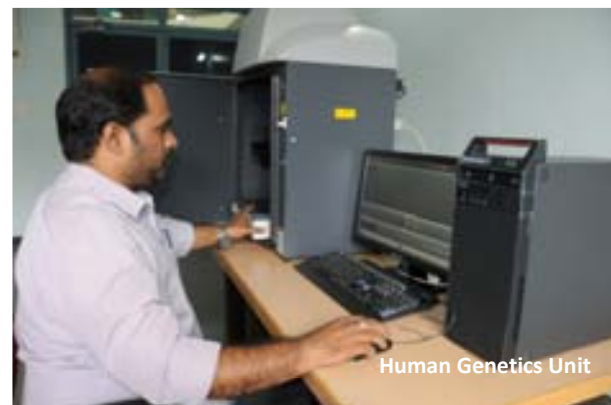
Speech evoked LLR and ABR in children with central auditory processing disorders. Investigators: Prawin Kumar, Niraj Kumar Singh. Funding : AIISH Research Fund. Rs. 4.10 lakhs.

Study of co-articulation using F2 Locus equation as a metric. Investigators: Sreedevi, N., Vasanthalakshmi, M.S. Funding : AIISH Research Fund. Rs. 4.00 lakhs.



Temporal ability screening test (TAST): Development and validation. Investigators: Asha Yathiraj, Vanaja, C.S. Funding : AIISH Research Fund. Rs. 7.45 lakhs.

Validation of stroboscopic findings with EGG patterns. Investigators: Sreedevi, N., Gopi Kishore P., Prakash, T.K. Funding : AIISH Research Fund. Rs. 5.90 lakhs.



Doctoral Research

Totally, seven candidates completed their doctoral research during the reporting year and among

them six were awarded the degree and the remaining one was under evaluation. The details are given in table 9.

Table 9 : Completed doctoral research

Name	Topic	Guide	Status
Anjana. B. Ram	Disfluencies in 2.1-6 year old Kannada speaking children	Savithri S.R.	Awarded
Hema, N	Discourse analysis in Bilingual TBI	Shyamala K. C.	Awarded
Prawin Kumar	Efficacy of computer assisted listening training on individuals with hearing impairment	Asha Yathiraj	Awarded
Santhosh Kumar	Development and standar-dization of comprehension test in Hindi language for persons with aphasia	Goswami S.P.	Awarded
Sarika Khurana	Development of emergent literacy in Kannada speaking English language learners	Prema K.S.	Awarded
Sujeet Kumar Sinha	Brainstem encoding of speech sounds in the aging auditory system – An electrophysiological study	Animesh Barman	Awarded
Sampath Kumar, L.	Semantic judgment in monolingual & bilingual persons with Broca's aphasia: An ERP study	Goswami S.P.	Submitted

In addition, 39 students were pursuing their doctoral research in different departments of the institute during the reporting year. The details are given in table 10.

Table 10: Ongoing doctoral research

Name	Topic	Guide
Abhishek. B. P.	Lexical-semantic processing in persons with bilingual aphasia	Prema, K.S.
Archana, G.	Effect of speech language therapy on activity and participation in persons with aphasia due to cerebro vascular accidents	Goswami, S.P.
Chandni Jain	Psychophysical abilities and working memory in individuals with normal hearing sensitivity across different age groups.	Ajith Kumar, U.
Devi, N.	Auditory evoked potential correlation of speech and music in musicians and non-musicians	Ajith Kumar, U.
Ganapathy, M.K.	Effect of age and noise on acoustic change complex – An electrophysiological study	Manjula, P.
Geetha, C.	Optimization of compression parameters in hearing aids using aided audibility index	Manjula, P.
Gnanavel, K.	Speech characteristics in velopharyngeal dysfunctions – Pre-post-surgery	Pushpavathi, M.
Gopi Kishore, P.	Efficacy of eclectic voice program in the treatment of hyper functional voice disorders	Pushpavathi, M.
Gopi Sankar	Some acoustic and perceptual parameters in cleft palate speech: A Pre-post-operative condition	Pushpavathi, M.
Hemanth, N.	The effect of amplification on objective measure at brainstem and cortical level & behavioural measure in individuals with peripheral hearing impairment	Manjula, P.

Jijo, P.M.	The effect of enhancement of amplitude and durational cues on speech perception in individuals with auditory neuropathy spectrum disorders	Asha Yathiraj
Jithin Raj, B	Audiovisual perception of acoustically enhanced speech in individuals with auditory neuropathy spectrum disorders	Sandeep, M.
Kuppuraj, S.	Relationship between procedural memory deficits and specific language impairment: An exploratory study	Prema, K.S.
Mahesh, B.V.M	Influence of L2 language proficiency on speech motor control in Kannada-English bilinguals with stuttering	Manjula, R.
Maria Grace Teresa	Emergence of expressive grammatical morphology in Malayalam speaking children with and without language impairment	Shyamala, K.C.
Megha	Auditory cognitive and neuro-physio -logical basis of hearing aid acclimatization	Sandeep, M.
Mili Mary Mathew	Development of gesture and speech in typically developing infants	Manjula, R.
Mithila Poonacha	Comparison of cognitive linguistic demand in persons with traumatic brain injury and cerebro-vascular accident using discourse	Goswami, S.P.
Navya, A.	Construction of nasality severity index	Pushpavathi, M.
Niraj Kumar Singh	Frequency tuning property of ocular-vestibular myogenic potentials in healthy individuals and in individuals with vestibular pathologies	Animesh Barman
Prarthana, S.	Mental lexicon of nouns and verbs in adult speakers of Kannada	Prema, K.S.
Pravesh Arya	Speech and non-speech characteristics of individuals with recovered and relapse following stuttering treatment	Geetha, Y.V.
Preethi, T.	A comparative study on content and processes of semantic memory in Malayalam speaking persons with dementia & aphasia	Goswami, S.P.
Priya, M.B.	Test battery for phonological representations in Kannada speaking children	Manjula, R.
Priyanka, V.	Temporal processing abilities auditory working memory and speech perception in noise in vocal musicians, violinists and non-musicians	Rajalakshmi, K.
Rajasudhakar, R.	Voicing periods in daily and weekly speech in primary school teachers: Occupational voice measurements-time dose	Savithri, S.R.
Ramya, V.	Efficacy of temporal processing training in older adults	Asha Yathiraj
Reeny Roy	Emerging phonetic behavior in Hindi and Malayalam speaking children in the age range of 4-12 months: A cross linguistic study	Sreedevi, N.
Reuben Jebaraj M.P.	Influence of hearing aid fitting strategies on speech recognition in individuals with sloping hearing loss	Manjula, P.
Roshni Pillai	Auditory, visual and auditory-visual processing in children with learning disability	Asha Yathiraj
Sahana, M.	Development of deep test of articulation using pressure consonants in Kannada for persons with cleft lip palate	Pushpavathi, M.
Sangeetha Mahesh	Linguistic variability in monolingual and bilingual children with stuttering	Geetha, Y.V.
Sharath Kumar K.S.	Effect of Noise Reduction Algorithms (NRA) in hearing aids on acoustic and perceptual measures	Manjula, P.
Shyalaja, K	Development and standardization of test for symbolic communication skills in 2-4 year old typically developing children.	Manjula, R.
Sreeraj K	Audiological profile and management of tinnitus in individuals with normal hearing	Manjula, P.
Sunil Kumar Ravi	Event related brain potential study of language processing in Kannada-English bilingual aphasics	Shyamala, K.C.
Usha Shastri	Influence of some auditory and cognitive factors on perceptual	Ajith Kumar, U.

	learning of non-native speech sound contrast.	
Yashaswini, R	Comparison of presymbolic communication behaviours in typically developing children and children with mental retardation, 1 to 2 years	Manjula, R.
Yashomathi	Comparison of syntax of Indian sign language across two dialects	Manjula, R.

Postgraduate Research

The postgraduate students of the institute carry out research as a part of their course work. The details of completed postgraduate research works as a part of M.Sc. Audiology and M.Sc. Speech -

Language Pathology, are given in table 11 and the ongoing postgraduate research works pertaining to M.Sc. Audiology, M.Sc. Speech - Language Pathology and M.S.Ed. in table 12.

Table 11: Completed postgraduate research

Candidate	Topic	Guide
Abhishek K Sehta	Vestibular profile in individuals with unilateral sensor neural hearing loss.	Sujeet Kumar Sinha
Abhishek Saha	Temporal resolution and speech perception abilities in percussion instrument players across their experience in training	Rajalakshmi, K.
Amulya	Speech rhythm in reading in persons with Parkinson disease	Swapna, N.
Aswathi Suresh	The combined effect of compression and digital noise reduction algorithm on speech perception and speech quality.	Geetha, C.
Avinash Karike	Aerodynamic analysis in children in the age range of 8-12 years	Gopi Kishore Pebbili
Baljeet Rana	Maturation of auditory brainstem in toddlers (1-2 year): An electrophysiological study.	Mamatha, N.M.
Bharathidasan S	Dichotic rhyme test in Tamil: A normative data on adults.	Rajalakshmi, K.
Bilvashri	Development of word- & sentence level working memory test in typically developing children	Rajasudhakar, R.
Ceana M.P.	Effect of L1 metalinguistic skills on L2 reading in bilingual children	Prema, K.S.
Deepthi Poovayya	Behavioural pitch perception & brainstem encoding of odd and even harmonics	Vijayakumar Narne
Edna Eugene Fernandez	Effect of supine and upright posture on some the acoustic, aerodynamic and perceptual measures of speech	Rajasudhakar, R.
Gagana M.S	Effects of frequency compression on localization and speech identification in noise in individuals with hearing impairment.	Manjula, P.
Gaganashree R.	Protocol for appraisal of verbal praxis in typically developing children (4.0-6.0 years)	Manjula, R.
George Sebastian	Binaural interaction component (BIC) in symmetrical and asymmetrical sensor neural hearing loss.	Rajalakshmi, K.
Hellows Diddee	Code-switching and code-mixing in Hindi-English bilingual children	Jayashree C. Shanbal
Hijas Mohamed N	Some auditory effects of short-term perceptual training of music.	Ajith Kumar, U.
Hrudananda Sahoo	Comparison of post-exposure effect of music through personal music system on hearing in young adults.	Ajith Kumar, U.
Indukala K.V	Effect of age on click and tone burst evoked otoacoustic emissions in toddlers with 1 to 2 years of age.	Mamatha, N.M
Jyothsna	Non-word repetition in sequential and simultaneous bilinguals in their first and second language	Swapna, N.
Mahendra Kumar. N.	A comparative study of intonation in yes-no questions across two	Manjula, R.

	Kannada dialects	
Mandira	Cross-linguistic priming in bilingual non-fluent aphasia	Jayashree C. Shanbal
Md. Akbar Shah	Bisyllabic word lists for testing speech recognition threshold in Manipuri language for adults.	Sreeraj, K.
Mittali Joshi	Effect of rise/fall and plateau time on ocular vestibular evoked myogenic potential.	Niraj Kumar Singh
Nandan Kumar Verma	Eustachian tube function test in individuals with intact tympanic membrane	Prawin Kumar
Nandu P.U	Conventional BTE vs. Receiver in the canal BTE: An evaluation of performance with different ear coupling devices in sloping sensorineural hearing loss	Sreeraj, K.
Nayana Narayanan	Auditory perceptual acuity in children who stutter	Santosh, M.
Neha Verma	Effect of directional hearing aids on FBR, SNR-50 and localization	Manjula, P.
Nisha K.V	Are different hearing aid settings required for different languages?	Manjula, P.
Pooja Behera	Revision and re-standardization of the test of articulation in odiya	Sreedevi, N.
Prajeesh Thomas	Optimizing the cVEMP protocol for the diagnosis of Meniere's disease	Sujeet Kumar Sinha
Preethi.R	Comparison of dysphonia severity index in trained Carnatic singers and non-singers	Santosh, M.
Prerna A Chandekar	Lexical neighbourhood test in Telugu	Asha Yathiraj
Radhika Mishra	Auditory brainstem responses to dichotic speech	Sandeep, M.
Rajkishor Mishra	Effect of low frequency gain attenuation in BAHA with test band in individual with single-sided deafness	Kishore Tanniru
Ramya Mahati	Benchmark for speaker identification under electronic vocal disguise using Mel frequency cepstral coefficients.	Savithri, S.R.
Ravikesh Kumar	Age related changes in Long Term Average Spectra (LTAS) in Indian population	Jayakumar, T.
Rithu. M.	Tongue pressure measure in children with spastic cerebral palsy (4.0-5.0 years) during swallowing	Manjula, R.
Roselyn	Perception of rhythm in persons with stuttering	Savithri, S.R.
Sachchidanand Sinha	The sub-cortical and cortical processing of some speech and non-speech sounds in children with phonological disorders	Niraj Kumar Singh
Sandeep Mohan	Central auditory processing skills in older individuals	Asha Yahiraj
Sethulakshmi P.B.	Development of early literacy skills in bilingual children with specific language impairment	Shyamala, K. C.
Shilpa N.P.	Development of a screening tool for bilingual adults with dyslexia	Shyamala, K. C.
Shishira S. Bharadwaj	Early phonetic repertoire and syllable structure in typically developing Kannada speaking children; 12-18 months	Sreedevi N.
Sindhu Priya	Lexical access in bilingual adults who stutter	Santosh, M.
Sreelakshmi S	Comparison between outcomes of using occluded and open fit channel free hearing aid	Sreeraj, K.
Srikanth Naik Kethavath	Frequency specific temporal integration in individuals with normal hearing and cochlear hearing loss	Vijayakumar Narne
Srishti Rawat	Fast PTCs and Threshold Equalizing Noise (TEN) test in individuals with Meniere's disease	Sandeep, M.
Suchi Soni	Transient effect of auditory brainstem responses on DPOAE in adults with normal hearing sensitivity	Chandni Jain
Sudhanshu K Vikas	Effect of contralateral noise on cochlear microphones and TEOAEs in individuals with Meniere's disease	Chandni Jain

Suma Gavi	Language non-specific lexical selection in bilingual adults	Prema, K.S.
Suresh K	Comparison of stacked tone-ABR and chirp ABR in individual with normal hearing and sensor neural hearing loss	Animesh Barman
Sushma S	Early phonetic repertoire and syllable structure in typically developing Kannada speaking children; 18-24 months	Sreedevi, N.
Sushma M	Cognitive linguistic functions in persons with Parkinson Disease	Swapna, N.
Thulasi Prasad	Theory of mind abilities in children with learning disability: An exploration	Shyamala, K. C.
Varsha Jevoor	Exploratory study on Benchmarks for Language proficiency	Prema, K.S.
Vijaitha V Sooonan	Effect of vocal training on nasalance in individuals with varying fundamental frequency and intensity	Jayakumar, T.
Vijay Karun	Brainstem correlates of auditory temporal processing in children with specific language impairment	Sujeet Kumar Sinha
Vijitha Raj	Effect of vocal training on nasal air flow in individuals with varying fundamental frequency and intensity	Jayakumar, T.
Vinni Chhabra	MMN to Malayalam nasal contrasts in native and non-native individuals	Sandeep, M.
Vivek Sharma	Effect of ageing on medial olivocochlear bundle through contralateral suppression of high resolution DPOAEs	Prawin Kumar
Yashaswini	Effect of signal to noise ratio on cortical encoding of speech in elderly	Mamatha, N.M.

Table 12: Ongoing postgraduate research

Candidate	Topic	Guide
Abdul Azeez	Aerodynamic and acoustic measure of voice in persons with Parkinson's disease	Jayakumar, T.
Adarsh	Dichotic rhyme test in Hindi: A normative data on adults	Rajalakshmi, K.
Anjali Joseph	Comparison of tongue contours in native and nonnative speakers of Kannada	Sreedevi, N.
Ansu Abraham	Comparison of tongue contours in children, adolescents and adults using ultrasound	Sreedevi, N.
Ansu Elisa Thomas	Relationship between language abilities and false belief understanding in typically developing 3-6 year old children'	Prema, K.S.
Aparna M Nair	Effect of auditory attention on contralateral suppression of DPOAEs	Ajith Kumar, U.
Archana Rajan	Theory of mind vis-à-vis communication in typically developing preschoolers	Prema, K.S.
Astha Khanna	Speech evoked cortical potential in children with normal hearing	Prawin Kumar
Baviskar Priya Kishor	Effect of working memory on hearing aid benefit in elderly	Ajith Kumar, U.
Chaitanya	Effectiveness of voice therapy in subjects with vocal nodule	Jayakumar, T.
Chithra S.S	Effect of personal music system on cervical and ocular reflexes mediated via otolith organs	Niraj Kumar Singh
Deepika	Laterality in children with stuttering	Geetha, Y.V.
Deepika J	The relationship between behavioural outcome and cortical responses in hearing aid users	Manjula, P.
Dhananjay Rachana	International Outcome Inventory For Hearing Aids (IOI-HA) in Hindi – Adaptation from (POP-HA) English	Rajalakshmi, K.
Dhivya D.	Comparative study of effectiveness of tangible vs. virtual technologies in instruction of primary school children with hearing	Malar, G.

	impairment	
Greeshma	Voice changes in bus conductor	Jayakumar, T.
Imran Ansari	Effect of pre-voicing ABR in individual with sensor neural hearing loss	Animesh Barman
Indira C.P	Abhinayadarpanam as used in bharathanatya as a means for improving balance	Sandeep, M.
Jitesh Prasad Sahoo	Effect of tinnitus on speech perception in noise, temporal perception and auditory working memory	Chandani Jain
Juhi Kidwai	Oral definitions in children with learning disability	Jayashree C. Shanbal
Juhi Virli	Aided cortical assessment in children with severe to profound hearing impairment	Sandeep, M.
Jyoti	Comparison of rectified versus uncertified method of eVEMP in individuals with Meniere's disease	Chandni Jain
Kanaga Subramaniam K.	Survey of teacher competencies for use and maintenance of hearing aids and its implications in learning environment	Malar, G. & Mamatha, N. M.
Kanchan K	Frequency specificity of NB-Chirp ABR and it's correlation with behavioral thresholds	Sreeraj, K.
Krishna A.R.	Developing video training module for the evaluation of pragmatic skills	Prema, K.S.
Kumaran T	Prevalence and risk factors of tinnitus in individuals with ear and hearing related problems	Geetha, C.
Lakshmi M.S	Is aided cortical auditory evoked potentials a tool for validating hearing aid fitting in children?	Vijayakumar Narne
Liji	Laryngeal dynamics in weight holding tasks	Geetha, Y.V.
Litna Varghese	Development of anticipatory co articulation of /u/in typically developing children	Savithri, S.R.
Mamatha S	Optimization of frequency compression for persons with sloping hearing loss – Application of SII	Manjula, P.
Manjunath Y.N	Misbelieves and unscientific practices in the area of hearing loss: A survey in rural and tribal	Mamatha, N.M.
Mercy Deepthi	Inflectional and derivational words Processing in L2: A masked priming study in Kannada-English bilinguals	Rajasudhakar, R.
Merin Mathews	Effect of syllabic compression and dual compression on the identification of hearing aid processed music	Devi, N.
Nandita .S. Upadhyaya	Discourse analysis in individuals with Parkinson's disease	Swapna, N.
Neethu Thoduvayil	Tongue contours in the production of vowels in hearing impaired children: An ultrasound study	Sreedevi, N.
Neethu Yashodharan	Mother-child interactions in ASD	Shyamala, K. C.
Nikhil Ben Vettath	The effect of caffeine on ocular VEMP	Kishore Tanniru
Phebe Evangeline Sajja	Singer's Formant in Indian Classical Singers of Western Music	Yeshoda, K.
Pragnya Bharadwaj	Comparison between frequency tuning and frequency – Amplitude ratio of cervical vestibular evoked myogenic potential for identification of Meniere's disease	Niraj Kumar Singh
Raja Rajan R	The independent effect of digital signal processing schemes of binaural wireless hearing aids on speech intelligibility in noise	Geetha, C.
Rajasekhar Goud R.	Appraisal of physical environment of inclusive schools for children with hearing impairment in Mysore	Palanaty Vijetha
Rajini	Code mixing & code switching in Telugu bi/multilinguals	Shyamala, K. C.

Rakesh Gatla	Effect of pre-voicing on speech ABR across different age groups in individuals with normal hearing sensitivity	Animesh Barman
Ramiz Malik M	Horizontal localization & speech identification in noise in children with binaural hearing aids	Devi, N.
Ravindra Kumar	Study of utility of teaching-learning materials in instruction of mathematics for preschool children with hearing impairment	Prithi Venkatesh
Renjini Annie Mathew	Intra- and inter-rater reliability of voice quality assessment using GRBAS scale by SLPs	Yeshoda, K.
Roja S	Combined effect of rate and noise on compression release time in sentence recognition	Hemanth, N.
Rojina Devi N	Development of low frequency word lists for speech identification test in Manipuri language	Sreeraj, K.
Sabarish A	Effect of hearing aid processed speech on perception in individuals with auditory neuropathy spectrum disorder (ANSO)	Jijo, P.M.
Sandhya Koteswara	Early developmental indicators in ASD	Shyamala, K. C.
Saryu Sharma	Linguistic pattern analysis of writing in children with learning disability	Jayashree C. Shanbal
Saurabh Kumar Mishra	Revision of practice-teaching evaluation format for special educator-trainees in the field of hearing impairment	Malar, G.
Sharon Mathew	Lexical ambiguity in children with learning disability	Jayashree C. Shanbal
Shilpashree P	eVEMP & oVEMP findings in noise induced hearing loss individuals	Sujeet Kumar Sinha
Soujanya J	Feasibility of binaural recordings of oVEMP and its efficacy in diagnosis of some vestibular pathologies	Niraj Kumar Singh
Soumya	Effect of phonetic factors and gender on duration of stop consonants in Telugu	Savithri, S.R.
Srushti Shabnam	Development and validation of feeding handicap index	Swapna, N.
Suhani Sharma	Auditory localization: Investigation and comparison of the effects of noise in normal hearing children and adults	Rajalakshmi, K.
Suman Kumar	Ocular Vestibular Evoked Myogenic Potential (oVEMP) in school going children: Indian perspective	Sujeet Kumar Sinha
Swathi A.	Effect of altered auditory feedback on speech rhythm in individuals with stuttering	Santosh, M.
Swathi S	Acoustical and perceptual analysis of speech produced in noise	Ajith Kumar, U.
Tejaswini G	Speech-evoked cortical potential in children with moderate to moderately-severe sensor neural hearing loss	Prawin Kumar
Vani	The effect of fasting on various acoustic and perceptual parameters on voice	Geetha, Y.V.
Zebu Yohannan Thampi	Auditory brainstem responses in toddlers (2-3 years) – A study on maturation of tone burst ABR	Mamatha, N.M.
ZoramSiami	Vocal hygiene practices in mizo choral singers	Yeshoda, K.
Zakia Rida Ansari	Benchmark for speaker identification using nasal continuants in Hindi in direct and mobile network recording	Savithri, S.R.

Scientific Presentations

The faculty, staff and students of the institute presented 34 scientific papers at international and 39 at national conferences during the reporting year. The details are given below.

International Conferences

Ajish K. Abraham, Kalai Selvi, V.T. (2014). *Hearing aids with artificial intelligence – Efficacy in speech signal processing.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Bharathi, M.V., Suresh, V., Sreeraj, K., & Jain, C. (2013). *Influence of native and non-native multitalker babble on speech perception in noise (SPIN).* Paper presented at the 1st International Conference on Audiological Sciences, Mangalore.

Edna Eugene Fernandez & Rajasudhakar, R. (2014). *A comparative study of the effect of posture on fundamental frequency.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Gayathri Krishnan. (2014). *Assessment of rate and consistency in performance of diadochokinetic task in children and adults using an automated assessment protocol: A preliminary study.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Harish. K, Kadambari, N., Latha, C., Asha Suresh. (2014). *Caregivers involvement in educating children with developmental disabilities as a predictor of child's self-help, language, pre academic skills and social emotional development.* Paper presented at the International Conference on Developmental Disabilities, Kolkata.

Hema, N., & Shyamala, K. C. (2014). *Correlation between propositional and non-propositional aspects of conversational discourse of individuals with Traumatic Brain Injury- A review report.* Poster presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Jain, C., Hijas, M. & Upundda, A.K. (2014). *Effect of short-term musical training on some psychoacoustical abilities.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Jayashree C. Shanbal, Mamatha, M.N., Gopi Sankar R., Devaraju, D.S.(2014). *Lateralization of phonological processing in dyslexia: through event related potentials.* Paper presented at the

International Symposium on Frontiers of Research on Speech and Music, Mysore.

Jesnu, J.B., Joanna, K.B. & Gopikishore, P. (2014). *Multiparametric Assessment of Voice Quality in Untrained Choral Singers.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Juhi, K., Srushti, S., Avinash, K., Arsha, M. S., Navya, A., & Gopikishore, P. (2014). *Multiparametric assessment of voice quality in typically developing children.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Kumar, P., & Gupta, R. (2013). *Is there any relationship between speech evoked auditory late latency response and dichotic test in children with dyslexia.* Paper presented at the 9th Asia Pacific Conference on Speech, Language and Hearing, Taiwan.

Kumar, P., Singh, N.K., & Ghosh, V. (2013). *Speech evoked auditory brainstem response for children with (Central) auditory processing disorders.* Paper presented at the 9th Asia Pacific Conference on Speech, Language and Hearing, Taiwan.



Kumar, P., Singh, N.K., & Sinha, S. (2014). *Speech duration coding at the auditory cortex explored through auditory long-latency responses.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Madhu, S. R., Joanna, K. B., Jesnu, J.B. & Gopikishore, P. (2014). *Smoothed cepstral peak*

prominence in untrained choral singers and non-singers. Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Prabhu, P.P., Narne, V.K., & Barman, A. (2013). *Misdiagnosis of sloping hearing loss as auditory neuropathy spectrum disorder in children: case studies.* Paper presented at the 1st International Conference on Audiological Sciences, Mangalore.

Ramya, M.B., & Savithri, S.R. (2014). *Benchmark for speaker identification under Electronics vocal disguise using SSL workbench software.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Ramya, V., & Yathiraj, A. (2013). *Screening check list for auditory processing in adults: An initial report.* Paper presented at the European Federation of Audiology Societies Budapest, Hungary.

Rana, B., Juneja, A., Sinha, S., & Rajalakshmi, K. (2014). *Comparison of temporal resolution abilities in elderly musicians and non-musicians with hearing loss.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Santosh, M., Sahana, V., & Priyanka Parakh. (2013). *Effect of non-programmed prolonged speech therapy on speech rhythm in individuals with stuttering.* Paper presented at the Indo-French Conference on Acoustics, New Delhi.

Saryu Sharma, Juhi Kidwai and Jayakumar, T. (2014). *Speech characteristics in ventriloquism.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Shailaja Shukla, Hema Nagaraj, Remya Philip & Prema K. S. Rao (2014). *Gender Specificity for prevarication: Speech Language Pathologist's Perspective.* Paper presented at the International

Symposium on Frontiers of Research on Speech and Music, Mysore.

Shailat, P., Uthappa, V. A. G., & Shyamala, K. C. (2014). *Implicit modality specific effects in bilingual typically developing children: An investigation through primed picture naming.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Shastri, U. (2013). *Individual variability in identification of fine phoneme contrast in native speakers: Influence of medial olivocochlear bundle auditory working memory.* Paper presented at the 1st International Conference on Audiological Sciences, Mangalore.

Sindusha Chandran, Irfana M. & Sreedevi N. (2014). *A cross linguistic comparison of Angle of Retro flexion (AOR) and Cavity Beneath the Tongue Curl (CBTC) using ultrasound imaging.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Soumya, K., & Savithri, S.R. (2014). *The fundamental frequency relation of the Sapta Svaras of Ragas in Carnatic vocal music.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Sreedevi N., Irfana, M & Alphonsa, M. (2013). *Coarticulation in young children: Locus equation as a metric.* Paper presented at the Indo-French Conference on Acoustics, New Delhi.

Sreedevi, N. & Sindusha, C. (2014). *Phonological processes in typically developing Kannada speaking children: 2.0-3.6 years.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Sreedevi, N., Merin, J & Sindusha, S. (2013). *Computerized assessment of phonological processes in Malayalam (CAPP-M).* Paper presented at IEEE Global Humanitarian Technology Conference: South Asia Satellite, Thiruvananthapuram.

Sreela, P., & Devi, N. (2013). *Comparison of reverberant speech identification scores across different bands in hearing aids.* Paper presented at the 1st International Conference on Audiological Sciences, Mangalore.

Upadhaya, A. (2014). *A study of environmental characteristics of children with special needs for quality education in inclusive setup.* Paper presented at the International Seminar on Alternatives in School System and Teacher Education, Allahabad.

Usha, M., Jyotsna & Rajasudhakar, R., (2014). *Singing voice quality measure using singing power ratio in pre-pubertal trained classical singers, untrained talented and non-talented singer.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Vijaitha V.S. & Gopikishore, P. (2014). *Vocal stability in trained carnatic singers and non-singers.* Paper presented at the International Symposium on Frontiers of Research on Speech and Music, Mysore.

Yathiraj, A., & Avilala, V.K. (2013). *Effect of fine-grained auditory training in individuals with auditory dys-synchrony.* Paper presented at the Audiology for Tomorrow: International Conference on Recent Developments in Audiology, Hong Kong.

Yathiraj, A., Vanaja, C.S., & Muthuselvi, T. (2013). *Age related performance on an auditory processing test battery.* Paper presented at the Audiology for Tomorrow: International Conference on Recent Developments in Audiology, Hong Kong.

National Conferences

Deepa, M. S., & Pushpavathi, M. (2014). *Conversation skills in young children with cleft lip and palate: Relevancy of rehabilitation of language skills.* Paper presented at the 13th Annual Conference of Indian Society of Cleft Lip, Palate, & Craniofacial Anomalies, Lucknow.

Deepthi, K.J., & Pushpavathi, M. (2014). *Qualitative analysis of conversational speech of children with CLP between 5 to 6 years and 7 to 8 years.* Paper presented at the 13th Annual Conference of Indian Society of Cleft Lip, Palate, & Craniofacial Anomalies, Lucknow.

Geetha, C., & Manjula, P. (2014). *Use of envelopes difference index and log-likelihood ratio to quantify the temporal and spectral changes caused by compression, DNR and directionality.* Paper presented at the 46th National Convention of the Indian Speech and Hearing Association, Kochi.

Geetha, Y. V., Sangeetha, M., Sahana, V., Sundaraju, H. & Irfana M. (2014). *The cerebral dominance and laterality preference in persons with persistent developmental stuttering.* Paper presented at the 46th National Convention of the Indian Speech and Hearing Association, Kochi.

Gopi Sankar, R., & Pushpavathi, M. (2014). *Acoustic analysis of pressure consonants in children with cleft lip and palate: Surgical outcome.* Paper presented at the 13th Annual Conference of Indian Society of Cleft Lip, Palate, & Craniofacial Anomalies, Lucknow.

Gupta, S.K., and Venkatesan S (2014). *Executive function training in children with learning disabilities: Preliminary results.* Paper presented at the 40th National Annual Conference of Indian Association of Clinical Psychologist, Kattankulathur, Kanchhepuram.

Harish, K., Malar,G., & Kadambari, N. (2014). *Perceptions, perspectives and practices among caregivers of children with special needs towards inclusive education.* Paper presented at the National Conference on Challenges and Rehabilitation Practices for the Differently-abled, Coimbatore.

Jayashree C. Shanbal. (2014). *Learning from written content: Cognitive linguistic perspective.* Paper presented at the 1st Annual Conference on Cognitive Science, New Delhi.

John, J., Eldhose, A., Muthuraj, P., Nambi, A., & Upundda, A.K. (2014). *Role of fine structure and envelope in the perception of interaural time difference.* Poster presented at the 46th National Convention of the Indian Speech and Hearing Association, Kochi.

Kadambari, N. Harish, K., K.Anjana. (2014). *Impact of individualized behaviour intervention on problem behaviour in children with autism.* Paper presented at the National Conference on Challenges and Rehabilitation Practices for the Differently-Abled, Coimbatore.

Kadambari, N., Malar, G., Harish Kumar, & Asha Suresh, E. G. (2013). *Typically developing children in Indian mainstream classrooms: Buddies or bullies of children with special needs.* Paper presented at the National Conference on Intellectual Disability, New Delhi.

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- Santosh, M., Nimisha, R., & Geetha, M.P. (2014).** *Generalization of fluency to untreated language in bilingual adults who stutter.* Paper presented at the 46th National Convention of the Indian Speech and Hearing Association, Kochi.
- Saranya, V., & Swapna, N. (2013).** *Metasemantic awareness in monolingual and bilingual children.* Paper presented at the 41st All India Conference of Dravidian Linguists, Chennai.
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- Sindusha, C Irfana, M & Sreedevi, N. (2013).** *A cross linguistic comparison of angle of retroflexion using ultrasound imaging.* Paper presented at the 41st All India Conference of Dravidian Linguists, Chennai.
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Scientific Publications

The faculty, staff and students published three scientific papers in conference proceedings, 55 in international journals and 42 in national journals. Also, they published 17 books/ book chapters and prepared, 8 assessment tools pertaining to communication and its disorder during the reporting year.

Conference Proceedings

1. **Gopi Sankar, R., & Pushpavathi, M., (2013).** Some temporal characteristics speech of children with cleft lip and palate: a pre and post operative conditions. In Ross E. Long (Ed.), *Transactions of the 12th International congress on Cleft lip/palate and related craniofacial Anomalies, Transactions no 2423*, NC, USA: American Cleft Palate-Craniofacial Association.
2. **Chandrashekara, G. S. & Nandeesh B (2013).** Challenges in economic condition for academic college libraries: Institutional managers and policy makers. In *Kaiser Nikam Ed Proceedings of UGC Sponsored National Seminar* organized by Besant Women's College, Mangalore, December 13, 2013.
3. **Nandeesh, B.** Knowledge Management in Academic Libraries. In *Tadasad, P.G. Ed. proceedings of national seminar on Digital Shift: Making Libraries relevant for Education*

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Clinical Care



Inside...

- | Patient Registration
- | Psychological Assessment & Rehabilitation
- | Audiological Assessment & Rehabilitation
- | Specialized Clinical Services
- | Otorhinolaryngological Assessment & Rehabilitation
- | Clinical Support Services
- | Speech and Language Assessment & Rehabilitation
- | Special Educational Services



Clinical care in Numbers

Patient Registration = **56,386**; New Cases = **20896**; Repeat Cases = **35,490**;
Speech & Language Assessment= **8007**; Speech & Language Therapy = **6250**; Hearing
Evaluation = **13734**; Hearing Aid Trial = **11003**; Ear Moulds Made = **10315**;
Psychological Assessment = **6260**; Otorhinolaryngological Assessment = **39,388**;
Specialised Clinical Units = **13**; Pre-School Admission = **221**; Distribution of Hearing Aids
under ADIP Scheme = **3358** ; Distribution of Hearing Aids under AIISH Hearing Aid
Dispensing Scheme = **1530**

Clinical Care

The Institute offers a comprehensive range of clinical services pertaining to communication disorders. These include general speech, language and hearing assessment and rehabilitation and a wide range of specialized testing and treatment services. Also, it offers psychological and otorhinolaryngological assessment and rehabilitation and various medical specialty services to the persons with communication disorders.

Patient Registration

Totally 56,386 persons were registered for availing clinical services at the institute during the reporting year. This includes 20,896 new and 35,490 review cases. The geographical details of new clients are given in table 13. Majority of them (19647) were from Karnataka, the state in which the institute is located, followed by the neighboring states of Kerala (700), Tamil Nadu (173) and Andhra Pradesh (182). There were 13 clients from north-east region. In addition, there were 11 clients from the other countries across the world. Males (13029) outnumbered females (7867) in availing clinical services and the major age group of clients was 20-40 followed by 40-60 with 5536 and 3884 numbers, respectively.

Table 13: Geographical details of new clients registered.

Sates	Total
Andhra Pradesh	182
Arunachal Pradesh	2
Assam	8
Bihar	21
Chhattisgarh	4
Delhi	7
Goa	3
Gujarat	3
Haryana	4
Jammu & Kashmir	7
Jharkhand	7
Karnataka	19647
Kerala	700
Madhya Pradesh	7
Maharashtra	29

Meghalaya	1
Mizoram	1
Orissa	22
Punjab	4
Rajasthan	20
Sikkim	2
Tamil Nadu	173
Tripura	1
Union Territories	5
Uttar Pradesh	13
Uttaranchal	1
West Bengal	13
Other countries	
Somalia	01
Tanzania	01
South Africa	01
Maldives	02
Oman	01
Gayana	01
USA	01
Bangladesh	01
Netherland	01
Kenya	01
Total	20896

The total number of persons with various communication disorders who availed speech language therapy, physiotherapy, occupational therapy, listening training and other special clinic therapies is 12633.

Speech and Language Assessment and Rehabilitation

The speech and language outpatient unit evaluated 8007 clients during the reporting year. Of them, 7584 were identified with various kinds of speech and language disorders and 423 were found to have normal speech. The details of clients with speech and language disorders along with the category of disorders are given in table 14 and figure 4.

Clients requiring further management were given various speech/language therapies depending upon the type and severity of disorder, for a

number of daily sessions of 45 minutes duration. A total of 74997 therapy sessions were conducted for 6250 persons with speech/ language disorders who attended therapy during the reporting year. The details of disorder- wise therapy carried out are given in table 15.

Speech and language assessment and therapeutic services were also provided at the 12 DHLS centres of the Institute located throughout the country, the details of which are given in table 16.

Table 14: Assessment of clients with speech and language disorders

Disorder	Language				Voice				Fluency				Articulation				Multiple				Normal				Total
Months	C	A	G	T	C	A	G	T	C	A	G	T	C	A	G	T	C	A	G	T	C	A	G	T	
April	295	37	-	332	20	26	7	53	50	12	-	62	49	2	-	51	34	5	-	39	34	6	-	40	577
May	310	40	6	356	29	21	8	58	43	16	-	59	52	1 1	1	64	22	5	-	27	31	12	-	43	607
June	412	11 4	5	531	20	30	7	57	37	26	2	65	38	1 2	1	51	45	7	1	53	18	18	1	37	794
July	296	92	7	395	6	36	9	51	26	27	-	53	22	8	2	32	10 0	1 0	-	110	24	16	4	44	685
Aug	256	48	8	312	6	16	2	24	20	14	-	34	33	5	1	39	30	1 2	2	44	16	21	-	37	490
Sep	220	35	-	255	6	24	1 0	40	11	19	-	30	15	4	1	20	16	-	-	16	15	6	2	23	384
Oct	332	43	7	382	8	42	1 3	63	51	16	2	69	51	1 2	-	63	30	-	-	30	37	7	1	45	652
Nov	254	47	1	302	10	28	8	46	10	19	-	29	16	6	1	23	14	1	-	15	28	5	1	34	449
Dec	242	34	5	281	5	28	8	41	20	21	-	41	19	9	1	29	22	1	1	24	23	9	1	33	449
Jan	328	42	6	376	3	23	1 0	36	21	18	-	39	32	1 0	4	46	56	4	-	60	18	13	-	31	588
Feb	220	53	3	276	1	29	4	34	21	17	1	39	22	1 2	2	36	21	2	-	23	14	11	1	26	434
Mar	238	49	4	291	4	43	8	55	16	13	-	29	23	7	3	33	44	1	1	46	11	8	1	20	474
Total	3403	634	52	3851	118	346	94	558	326	218	5	549	372	98	17	487	434	48	5	487	269	132	12	413	6583+ 1424 repeat cases
Disorder wise	3403+1173 repeat cases				558+44 repeat cases				549+45 repeat cases				487+59 repeat cases				487+73 repeat cases				413+10 repeat cases				
Overall	8007																								

C=Child; A =Adult; G=Geriatric; T=Total

Table 15: Therapeutic details of Speech and Language Disorders

Disorder	Language				Voice				Fluency				Articulation				Multiple				
Months	C	A	G	T	C	A	G	T	C	A	G	T	C	A	G	T	C	A	T	Total	
April	469	11	08	488	06	13	03	22	42	13	00	55	21	00	00	21	74	00	74	660	
May	285	14	03	302	03	16	05	24	27	09	00	36	31	00	00	31	43	00	43	436	
June	254	08	02	264	01	14	02	17	17	25	00	42	14	03	00	17	35	00	35	375	
July	402	15	03	420	03	17	04	24	15	33	00	48	07	01	00	8	50	00	50	550	
Aug	393	10	05	408	03	13	05	21	13	23	00	36	06	00	00	6	59	00	59	530	
Sep	393	16	09	418	02	17	07	26	14	28	00	42	06	00	00	6	61	00	61	553	
Oct	411	13	06	430	02	15	04	21	34	65	00	99	13	02	00	15	66	00	66	631	
Nov	367	16	09	392	03	11	05	19	29	20	00	49	05	02	00	7	62	00	62	529	
Dec	222	15	05	242	01	04	02	7	16	33	00	49	04	01	00	5	36	00	36	339	
Jan	386	13	05	404	02	08	03	13	15	28	00	43	10	02	00	12	52	00	52	524	
Feb	411	11	05	427	02	13	03	18	18	26	00	44	08	00	00	8	59	00	59	556	
Mar	413	11	10	434	01	15	01	17	13	38	00		05	00	00	5	60	00	60	567	
Total	4406	153	70	4629	29	156	44	229	253	341	0	594	130	11	0	141	657	0	657	6250	
Total	4629				229				594				141				657				
Gr.Total	6250																				

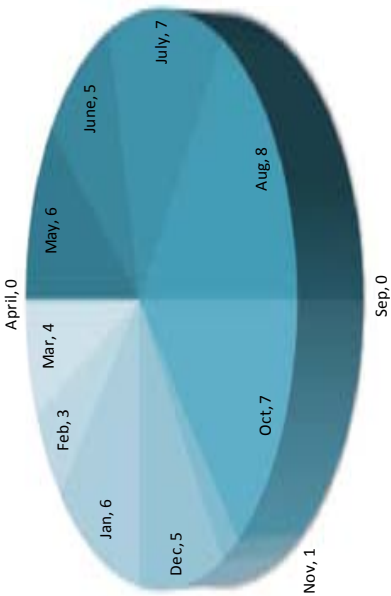
C=Child; A =Adult; G=Geriatric; T= Total

Table 16: Speech-language clinical services at the DHLS centers

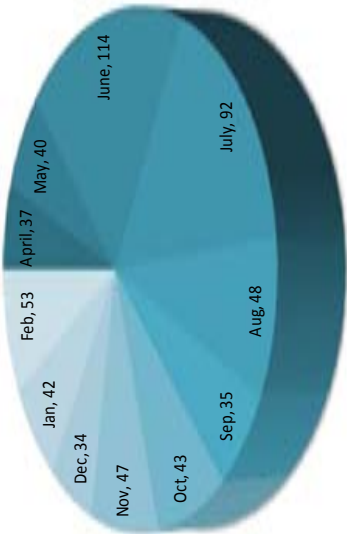
Centers	Diagnostics/OPD/Case history						Therapy					
	Language	Voice	Phonology	Fluency	MSD/ Dysphasia	Total	Language	Voice	Phonology	Fluenc	MSD/ Dysphasia	Total
RIMS, Jharkhand	146	22	10	100	00	278	106	26	9	75	00	216
SRBMC, Cuttack	127	28	60	88	00	303	367	30	121	201	00	719
JLNMC, Ajmer	212	48	115	119	00	494	576	72	190	252	00	1090
RIMS, Imphal	44	00	00	00	00	44	25	00	00	00	00	25
KGMU Lucknow	197	12	00	121	00	330	58	12	00	37	00	107
AIIPMR, Mumbai	843	19	27	25	78	992	1089	18	57	36	80	1280
JIPMER, Pondicherry	330	124	24	51	17	546	773	131	33	93	32	1062
RML, New Delhi	8	16	2	4	00	30	11	14	7	6	00	38
IGMC , Shimla	29	37	31	18	00	115	54	69	58	46	00	227
NSBC, Jabalpur	29	05	08	10	00	52	99	07	11	45	00	162
JNMC, Bhagalpur	51	02	03	22	00	78	75	03	09	07	00	94
AIISH, Mysore	56	10	04	08	02	80	00	00	00	00	00	0
Total	2072	323	284	566	97	3342	3233	382	495	798	112	5020

Figure 4: Speech and Language Assessment

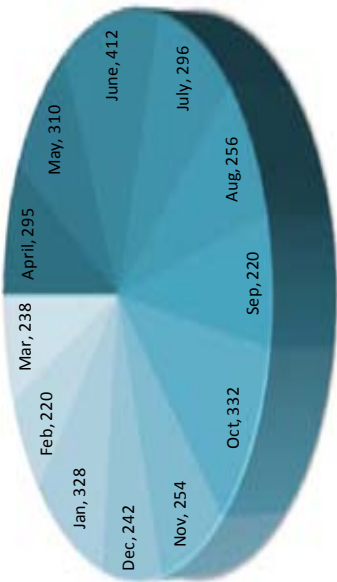
Language Disorder – Geriatric



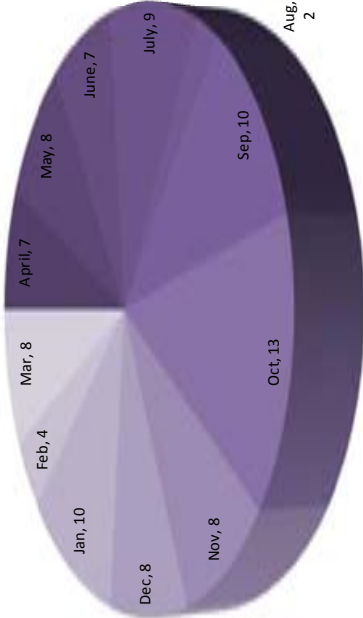
Language Disorder – Adult



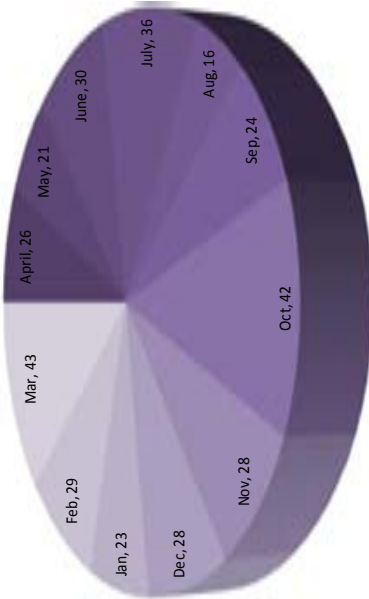
Language Disorder – Paediatric



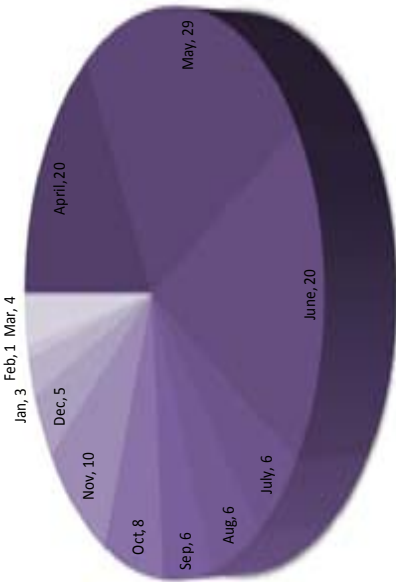
Voice disorder – Geriatric



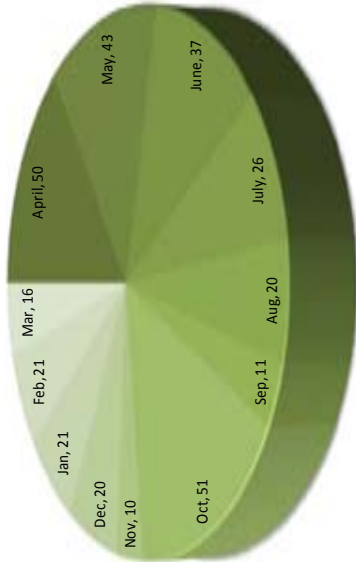
Voice disorder – Adult



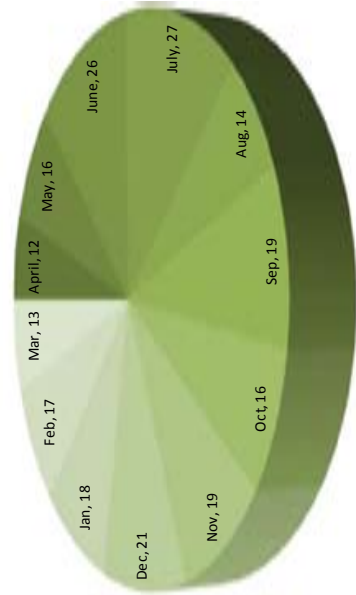
Voice disorder – Paediatric



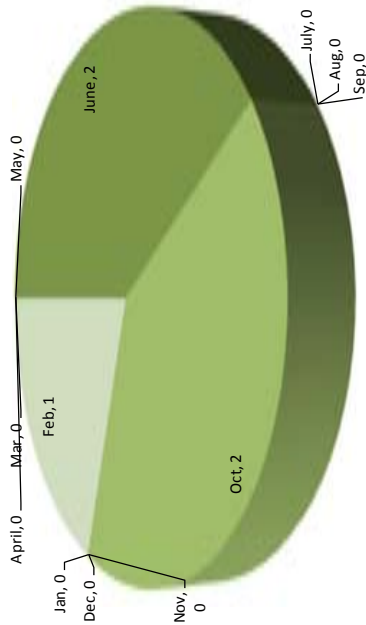
Fluency disorder – Paediatric



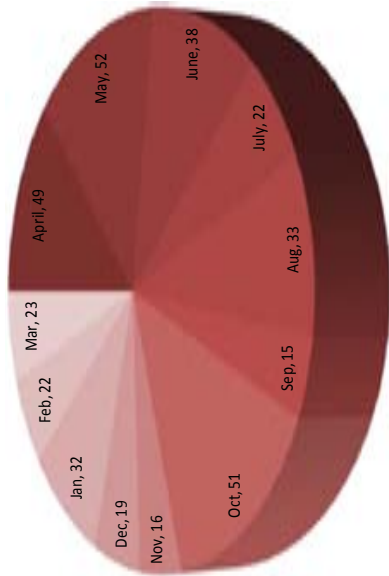
Fluency disorder – Adult



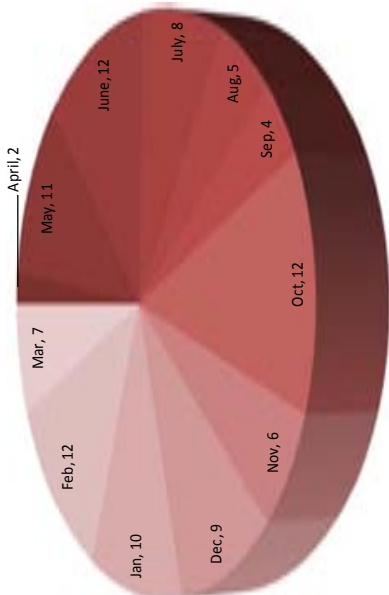
Fluency disorder – Geriatric



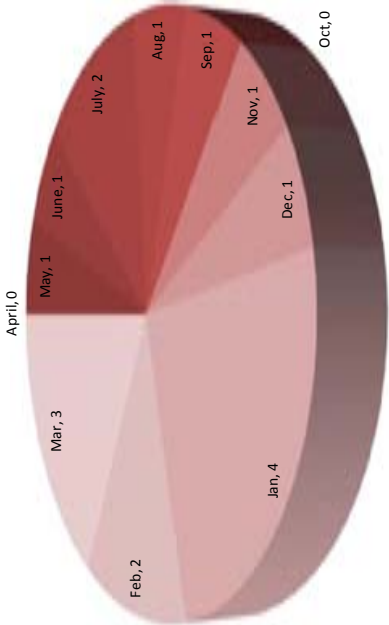
Articulation disorder – Paediatric



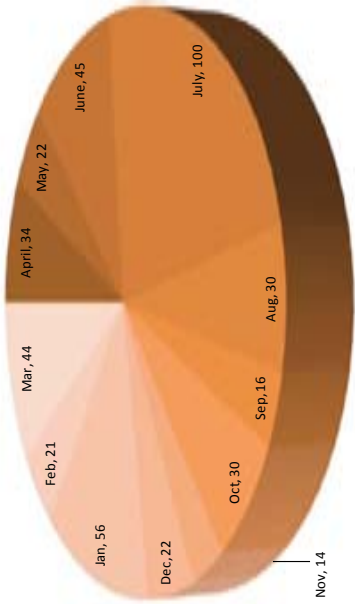
Articulation disorder – Adult



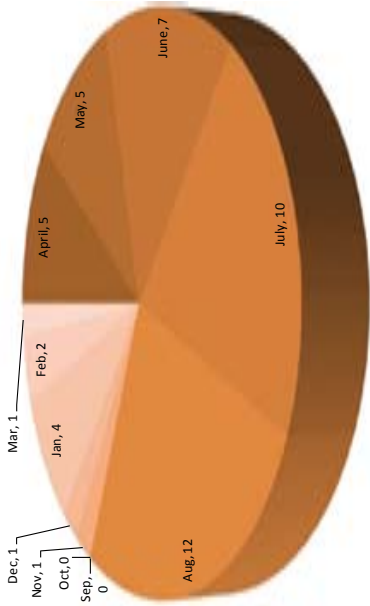
Articulation disorder – Geriatric



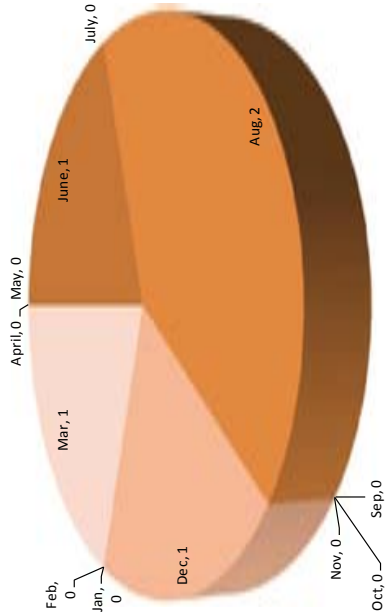
Multiple disorder – Paediatric



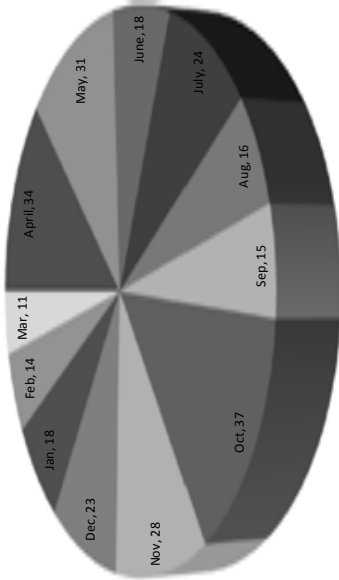
Multiple disorder – Adult



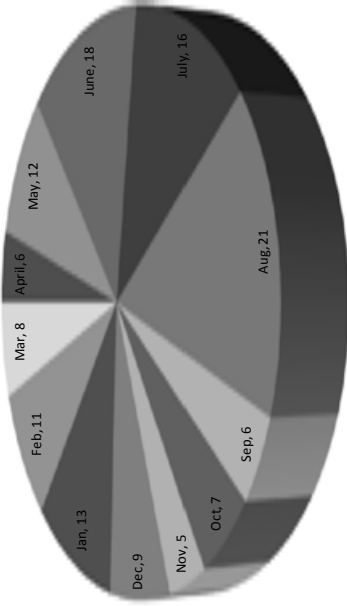
Multiple disorder – Geriatric



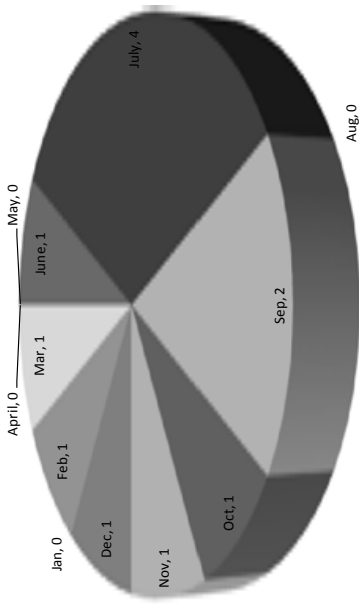
Normal – Paediatric



Normal – Adult



Normal – Geriatric



Audiological Assessment and Rehabilitation

Hearing evaluation of 13734 clients was carried out by administering various audiological tests such as pure tone audiometry, speech audiometry and otoacoustic emission and threshold-equalizing noise test. Totally, 27368 ears were diagnosed with different degrees of hearing loss including severe (4596) and profound (4572) cases. Further, different types of hearing loss such as sensori-neural loss, mixed, conductive, auditory processing disorders and auditory dys-synchrony were

identified during the evaluation. The details of hearing evaluation and diagnosis are given in table 17 and figures 5-8.

Hearing aid trial was done for 10612 clients to determine the appropriate hearing aids and assistive learning devices. The candidacy for cochlear implants was also determined. The detailed statistics on hearing aid trial and hearing aids prescribed during the report year are given in table 18.

Figures 5-8: Audiological assessment and evaluation

Figure 5: Tye of evaluation

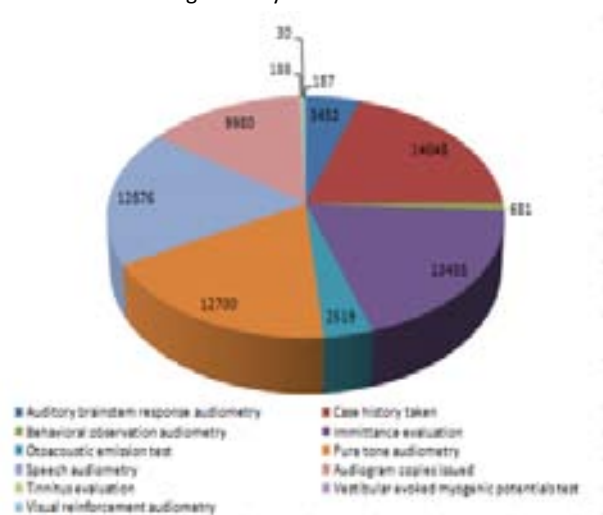


Figure 7: Types of hearing loss diagnosed

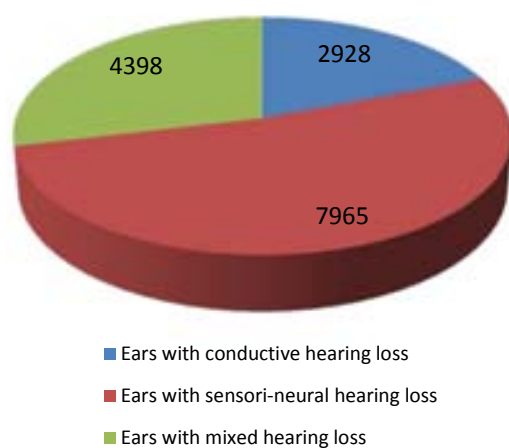


Figure 6: Degree of hearing loss diagnosed

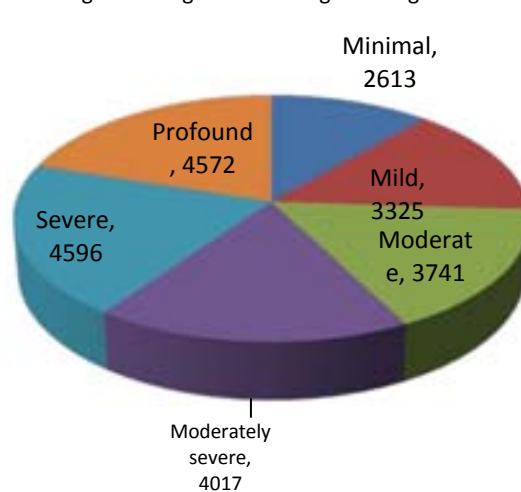


Figure 8: Other hearing disorders diagnosed

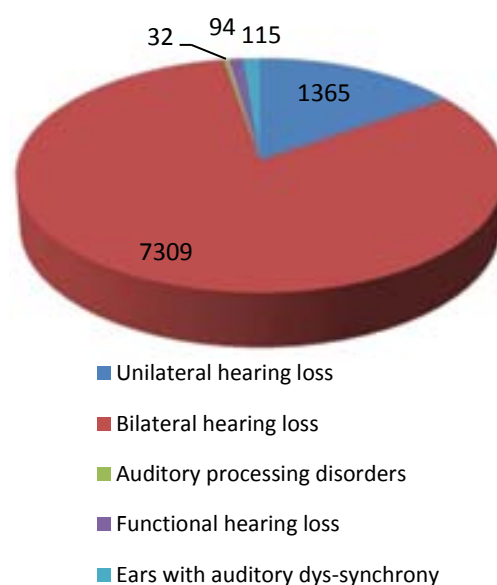


Table 17: Hearing evaluation and diagnosis

Particulars	Number
Clients underwent hearing evaluation	13734
Clients from Hindi region	495
Types of Evaluation	
Auditory brainstem response audiometry	3452
Case history taken	14048
Behavioral observation audiometry	681
Immittance evaluation	13455
Otoacoustic emission test	2519
Pure tone audiometry	12700
Speech audiometry	12876
Audiogram copies issued	9980
Tinnitus evaluation	188
Vestibular evoked myogenic potentials test	30
Visual reinforcement audiometry	187
Degrees of Hearing Loss Diagnosed	
Total ears diagnosed	15291
Ears with normal hearing	4504
Ears with different degrees of hearing loss	22864
• Minimal	2613
• Mild	3325
• Moderate	3741
• Moderately severe	4017
• Severe	4596
• Profound	4572
Types of Hearing Loss Diagnosed	
Ears with conductive hearing loss	2928
Ears with sensori-neural hearing loss	7965
Ears with mixed hearing loss	4398
Other Hearing Disorders Diagnosed	
Clients with unilateral hearing loss	1365
Clients with bilateral hearing loss	7309
Clients with auditory processing disorders	32
Clients with functional hearing loss	94
Ears with auditory dys-synchrony	115

Table 18: Hearing aid trial and prescription

Particulars	Number
Clients evaluated for hearing devices	11003
• At the Institute	10612
• At the camps	391
Clients tested in Hindi	442
Clients counselled in Hindi	125
Clients referred from camp to AIISH	80
Hearing aid prescribed	
• At the Institute	5685
• At the camps	313
Types of hearing aids distributed	

• Body level hearing aid	3419
• Freely under ADIP scheme	3363
• Cost sharing	56
• Analogue BTE	1
• Digital BTE	2044
• Trimmer Digital BTE	96
• Digital ITC	35
• Digital RIC	73
• Digital CIC	17
Hearing aids prescribed on exchange	192
Clients recommended for auditory training	2781
Clients recommended for Speech reading	1634
Aided / unaided audiograms taken	881
Aided VRA	219
Programming of digital hearing aids	1688
IGO done	161
EAC of hearing aids done	365
Retrial with custom EM	794
Clients for whom ALDs tried	5
Clients recommended for ear plugs	41
Bone conduction hearing aid recommended	41

The ear mould laboratory made custom ear moulds for the clients who were prescribed hearing aids. Totally 10319 ear impressions of 6230 clients were taken during the reporting year and 6424 ear moulds were made free of cost. The detailed ear mould statistics are given in table 19.

Table 19: Ear mould statistics

Particulars	Number
Clients for whom ear impression taken	6230
• New clients	5051
• Old clients	1179
Clients from Karnataka	5434
Clients from Kerala	343
Clients from Tamil Nadu	160
Clients from Andhra Pradesh	31
Clients from other states	262
Ear impressions taken	10319
Ear moulds made free-of-cost	6424
Ear moulds made on payment	3891
Ear moulds completed	10105
Ear moulds issued	9245
Hard regular moulds made	6151
Hard shell moulds made	56
Soft moulds made	3844
Soft canal moulds made	41
Soft simmer plugs made	101

No. of ear blocked	59
ITC impression made	67
Clients seen at camp	268
Ear moulds impression taken at camp	470
CPL impressions received	45
CPL moulds completed	45
Income generated	
• Spares	₹41260
• Moulds making	₹958940
• Postage	₹4005

Age-wise statistics of clients seen in Hearing Evaluation, Hearing Aid Trial & Counseling sections and Ear Mold laboratory are given in table 20 and figure 9.

Audiological assessment and rehabilitation services were also provided at the 12 DHLS centres of the Institute located throughout the country, the details of which are given in table 21 and figure 10.

Table 20: Age-wise Audiological Assessment

Age group yrs.	HE		HAT		HATC		EM	
	M	F	M	F	M	F	M	F
00-01	154	75	167	137	75	17	75	58
02-05	846	647	1194	922	615	109	612	542
06-10	658	444	681	457	303	80	303	216
11-15	429	338	325	257	146	53	146	109
16-20	493	349	252	207	83	70	83	83
21-25	456	287	216	126	92	38	92	52
26-30	524	343	193	161	72	56	72	62
31-35	438	302	156	122	68	40	68	64
36-40	434	303	183	131	115	47	115	96
41-45	397	295	220	138	179	58	179	93
46-50	482	301	224	160	168	68	168	111
51-55	473	297	275	170	217	72	217	131
56-60	542	322	416	227	316	112	316	162
61-65	583	297	534	225	334	114	334	152
66-70	569	269	482	223	367	101	367	178
71-75	466	153	452	149	330	60	330	130
76-80	330	104	336	109	200	52	200	109
81-85	169	59	192	77	118	35	118	39
86-90	59	21	58	14	27	12	27	7
91+	24	7	8	368	13	7	13	1
Total	8526	5208	6564	4030	3838	1201	3835	2395
	13734		10594		4039		6230	
Grand Total - 34597								

HE - Hearing Evaluation; HAT-Hearing Aid Trial; HATC-Hearing Aid Trial & Counseling; EM-Ear moulds; M- Male; F-Female

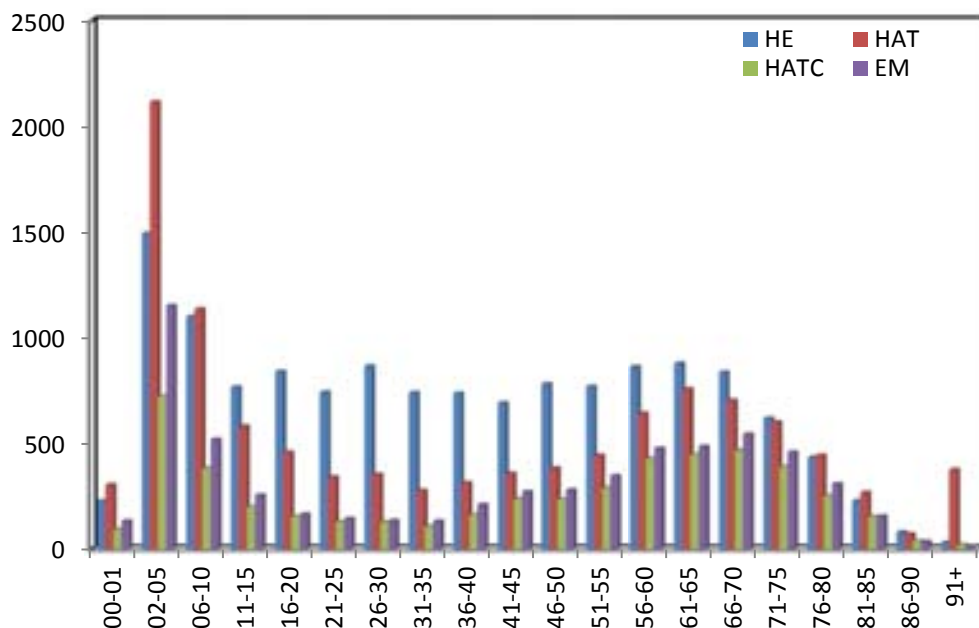


Figure 9: Graphical representation of age-wise audiological assessment

Table 21: Audiological services at the DHLS centers

Centers	OPD (Case history)	Evaluation	Ear moulds	Hearing aid trial (HAT)	Listening Therapy
Ranchi	2519	2519	00	00	14
Cuttack	4450	4450	00	00	324
Ajmer	2108	2600	00	00	118
Imphal	3136	3136	00	00	07
Lucknow	5111	5111	00	00	78
Mumbai	78	78	29	28	18
Puducherry	3659	3659	190	161	112
New Delhi	1101	1101	00	00	04
Shimla	180	2150	00	29	14
Jabalpur	1362	00	10	199	00
Bhagalpur	807	634	00	00	00
Mysore	101	30	1090	10	00
Total	24612	25468	1319	427	689

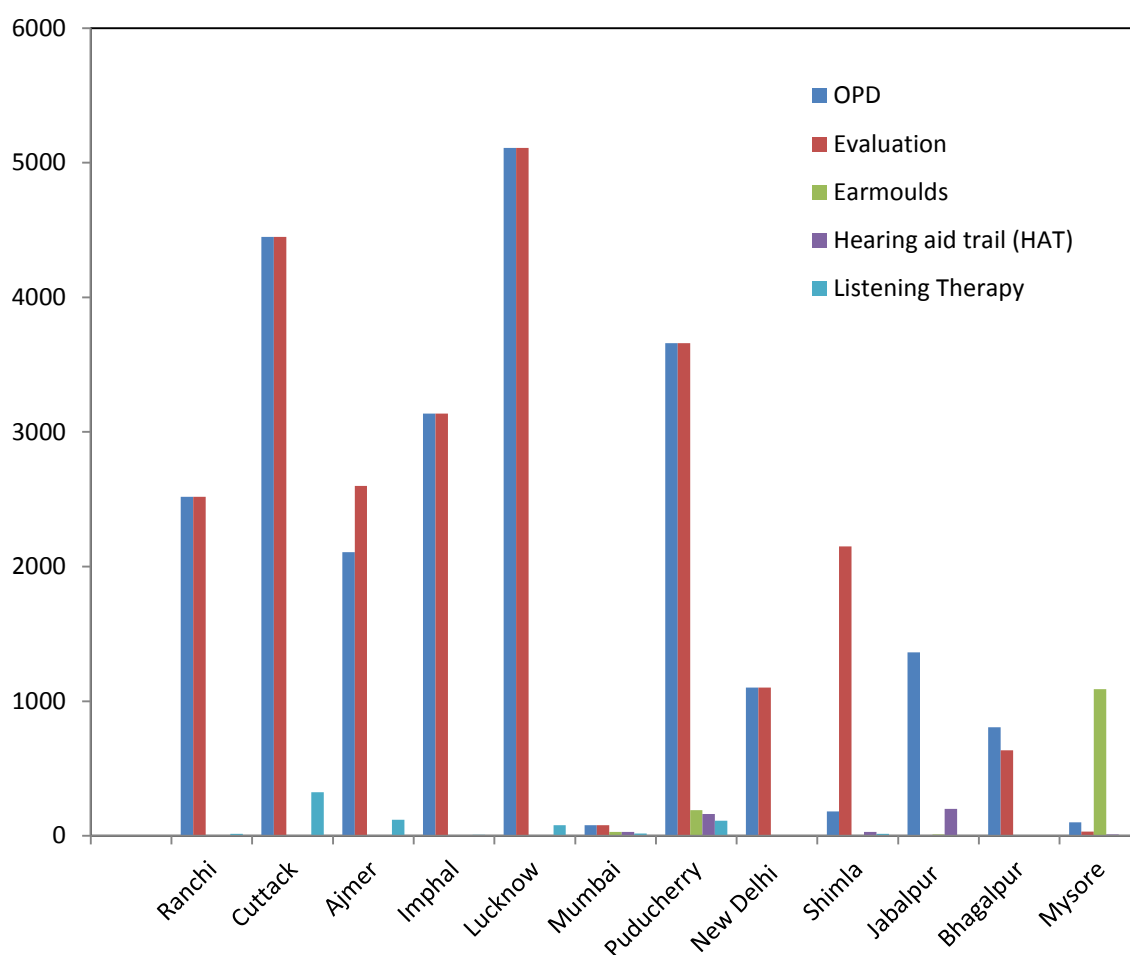


Figure 10: Audiological services at the DHLS centers

Referred Evaluation-1: Psychological Assessment and Rehabilitation

Psychological assessment was carried out for the deserving cases with communication disorders registered at the institute by the Department of Clinical Psychology. This includes pre-vocational assessment for adolescent/adults with communication disorders, neuro-psychological evaluations for individuals with neuro-linguistic /communication problems, psycho-educational achievement testing and grade level assessment for children with scholastic backwardness and academic under achievement and behavior assessment for children with problem behaviors/skill deficits. In addition, family assessment was done on specific cases requiring family intervention programmes.

Psychological assessment of 5156 new and 1104 review cases was done at the clinic during the reporting year. This includes 148 Hindi cases. The new cases include patients with mental retardation (2051), expressive language disorders (1102), hearing loss (714), learning disability (739), stuttering (349), misarticulation (193), aphasia (60), autism (21), cerebral palsy (68), functional voice disorders (1), voice problem (11) and others (951). The details are given in figure 11.

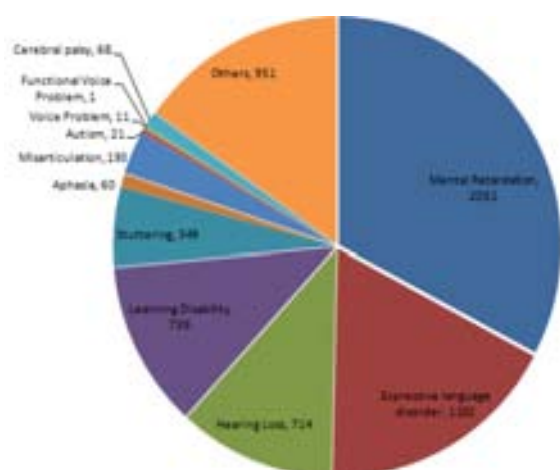


Figure 11: Psychological assessment

The details of the rehabilitation provided are given in table 22.

Table 22: Psychological rehabilitation

Particulars	Cases	Sessions
Behavior therapy	237	657
Home based training for MR/SLD	51	68
Remedial training for SLD cases	25	82
Parent counseling	6260	6260
Group counseling	90	

Referred Evaluation-2: Otorhinolaryngological Assessment and Rehabilitation

The Otorhino-laryngological assessment and rehabilitation for persons with communication disorders are being carried out at the Department of Otorhinolaryngology. In addition to the clinical services provided at the Institute, the Department staff render diagnostic, therapeutic and surgical services at K.R. Hospital, Mysore Medical College.

Totally 22,658 new and 16,730 review cases were examined during the reporting year at the institute and 22,239 microscopic, 34 endoscopic, 176 vertigo, 192 stroboscopic, 56 oto endoscopic and 19 diagnostic naso endoscopic examinations were carried out. Also, 5973 new and 6371 review cases were examined and 205 major and 156 minor surgeries were successfully carried out at K.R. Hospital. The details of diagnostic services provided are given in table 23 and figure 12.

Table 23: Otorhinolaryngological diagnostics

Category	New Cases	Followup Cases
Acute Otitis Media	383	504
Acute Suppurative Otitis Media	498	702
Atresia Eac	54	34
Carcinoma Larynx	17	18
Chronic Suppurative Otitis Media	5362	5484
Cleft Lip	4	6
Cleft Palate	10	17
Delayed speech language with hearing loss	1379	1807
Eustachian Catarrh	462	457
Glottic Chink	62	70
Keratosi Lx	17	19
Keratosi Obturans	15	17
Microtia / Hearing Loss	24	28
Miscellaneous	10,174	194

Otitis Externa	321	399
Otomycosis	451	526
Otosclerosis	89	67
Palatal Palsy	12	7
Preauricular Sinus	20	28
Secretory Otitis Media	489	578
SN Loss	1146	3916
Sudden Hearing Loss	84	72
Tinnitus	477	486
Tongue Tie	71	72
Vocal Cord Cyst	21	28
Vocal Cord Nodule	48	56
Vocal Cord Papilloma	25	28
Vocal Cord Paralysis	40	60
Vocal Cord Polyp	42	44
Wax	861	1006
Total	22,658	16,730

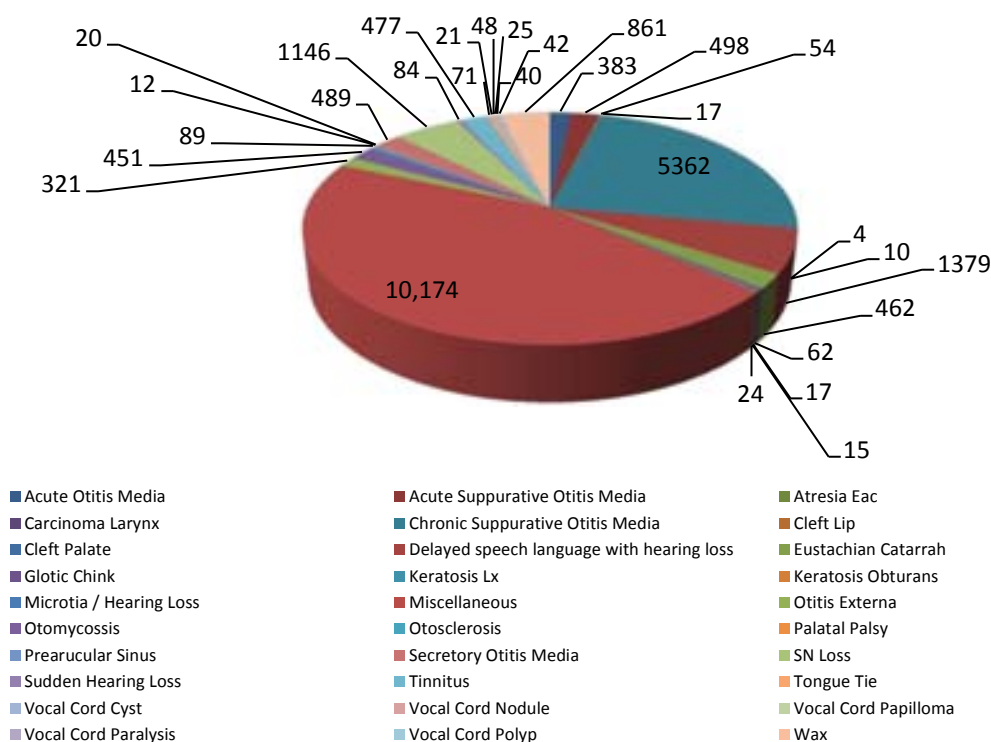


Figure 12: Otorhinolaryngological diagnostics

Specialized Clinical Services

The institute provided a variety of specialized clinical services and evaluations for individuals with communication disorders during the reporting year at the following clinical units.

Augmentative and Alternative Communication (AAC) Unit:

The AAC unit supported, enhanced and provided alternative methods of communication for individuals who are non-verbal. The unit evaluated 34 new cases in 63 sessions and 271 therapy cases in 1538 sessions during the reporting year. It also attended six demonstration therapy

and three home training cases. In addition, five UG and 47 PG students of the Institute were given training in 114 sessions. The details of AAC evaluation are given in figure 13.

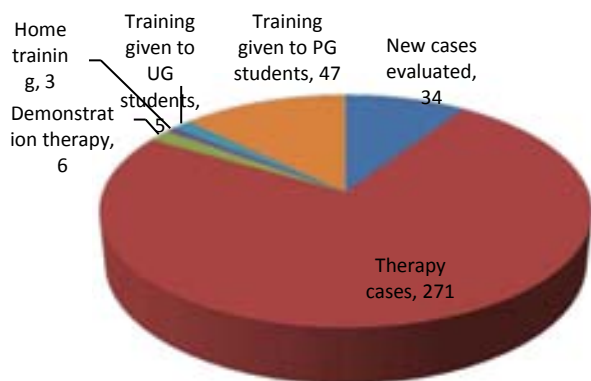


Figure 13: AAC evaluation

Autism Spectrum Disorders (ASD) Unit:

Assessment and treatment were provided for 329 clients with autism spectrum disorders at the ASD unit during the reporting year. Of them, 40 were from Hindi region. The unit also attended 917 therapy and 73 demonstration therapy cases. Forty one therapy cases discharged and 81 discontinued during the period. The total number of therapy sessions conducted was 5311.



Therapy at Autism Spectrum Disorder Unit

The occupational therapy section of the unit evaluated 166 cases in 180 sessions. There were 677 therapy cases and 40 Demonstration Therapy cases. Totally, 3828 therapy sessions were carried out. Fifteen cases were discharged, 25 discontinued and 87 re-evaluated.

Clinic for Adult and Elderly Persons with Language Disorders (CAEPLD):

CAEPLD provides clinical services to adult and elderly persons. Totally, 11 clients were evaluated in the clinic during the reporting year.



Clinical evaluation at CAEPLD

Fluency Unit:

This unit catered to the needs of persons with stuttering and other fluency disorders and provided clinical services to 594 (549 new cases and 45 review cases) persons with fluency disorders during the reporting year. The unit also enabled the professionals to conduct research on neuroanatomical, neurophysiological and genetic aspects of fluency disorders.



Clinical evaluation at Fluency Unit

Implantable Hearing Devices Unit:

The activities of this unit include selection of candidates, mapping/programming, trouble shooting of implantable hearing devices such as cochlear implant, bone-anchored hearing aids and middle ear implants. Rehabilitation of individuals using such devices was also undertaken. Apart from this, student training and research activities were also conducted. Totally

91 mapping and 46 unaided/aided audiograms for Cochlear Implants were done at the unit during the reporting year. In addition, 45 bone anchored hearing aids were tried and 49 Cochlear Implant devices trouble shooted.

Learning Disability Clinic: The objectives of the clinic include early identification of students with learning disability, undertake their detailed evaluation by a multi-disciplinary team of experts, plan individualized remediation programmes for the identified students, serve as nodal center for issue of certificates for certain educational concessions, conduct action research to facilitate advocacy, policy change and public education and develop related literature/ materials for or about students with learning disabilities. The details of the activities carried out at the clinic during the reporting year are given in figure 14.

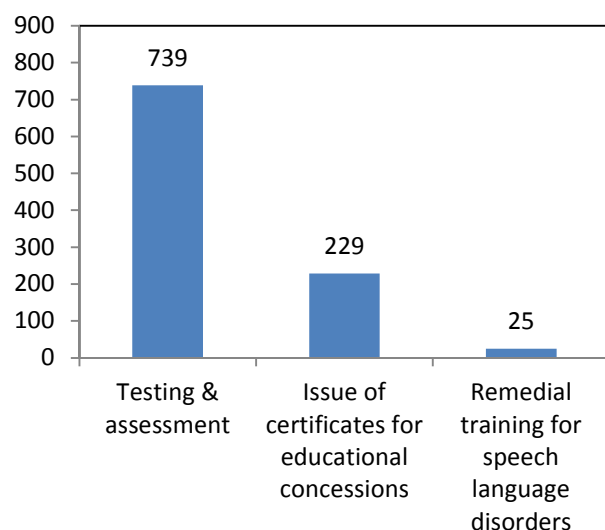


Figure 14: Activities of LDC

Listening Training (LT) Unit: Clients who use hearing devices were provided with listening training. Training was also imparted to clients having tinnitus, hyperacusis as well as cochlear implantees. Totally, 3322 persons underwent listening training comprising of 19362 sessions during the reporting year. The detailed statistics on

listening training activities are given in table 24 and figure 15.

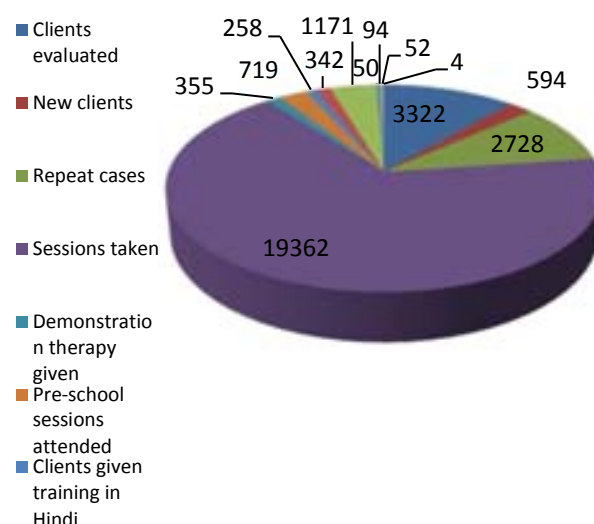


Figure 15: Activities of LT Unit



Table 24: Activities of LT Unit

Particulars	Number
Clients evaluated	3322
New clients	594
Repeat cases	2728
Sessions taken	19362
Demonstration therapy given	355
Pre-school sessions attended	719
Clients given training in Hindi	258
Clients with CI trained	342
Sessions for clients with CI taken	1171
Clients with tinnitus	50
Sessions for clients with Tinnitus	94
Clients for speech reading	52
Clients with CAPD	4
Sessions for clients with CAPD	30
Clients for observation for session hearing aid fitting	73

C1: Cochlear Implant; CAPD: Central Auditory Processing Disorders

Motor Speech Disorders Unit: This specialized unit caters to the needs of persons with Motor Speech Disorders. It enables them to realize their potential and become contributing members of the society. The detailed clinical statistics of the unit for the reporting year are given in Figure 16.

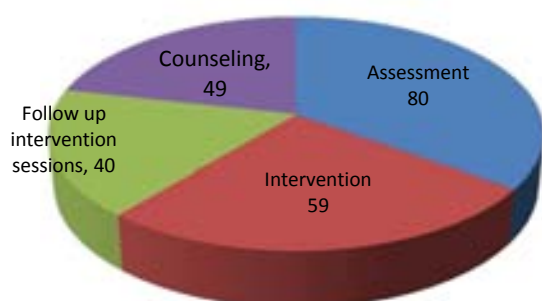


Figure 16: Activities of MSD unit



MSD evaluation

Neuropsychology Unit: This is a new unit opened during the reporting year. It will serve as a nodal point in the area of neuro-cognitive research and rehabilitation for clinical conditions like Aphasia, Cerebrovascular Accidents (Stroke or CVA), Learning Disability (LD), Cerebral Palsy, Traumatic Brain Injury (TBI), Parkinson's Disease, Dementias, and other progressive or non-progressive neurological disorders.

The service offered in the centre includes the assessment of specific function of the brain through standard individualized test, detailed

assessment of lobular functions through standardized batteries and rehabilitation through paper pencil techniques or through computer assisted packages. Totally 152 Neuropsychological assessments and 84 Neuropsychological rehabilitation were made during the reporting year in the unit.

Professional Voice Care (PVC) Unit: The unit provided specialized assessment and management services to professional voice users during the reporting year. It organized various programs to orient and sensitize professional voice users on care, maintenance and conservation of voice. Specialized training in the assessment and counseling of professional voice users was imparted to 16 final year M.Sc. (SLP) and 30 Internship students for 181 hours and 231 hours, respectively.



Voice evaluation

Structural Orofacial Anomalies (U- SOFA) Unit: Clients with deformalities in the growth of head and facial bones were given multi-disciplinary diagnostic and rehabilitation services in the clinic. Totally 234 clients were evaluated at the clinic by the experts. The detailed clinical statistics of the unit are given in figures 17-18 and table 25.



U-SOFA Diagnosis

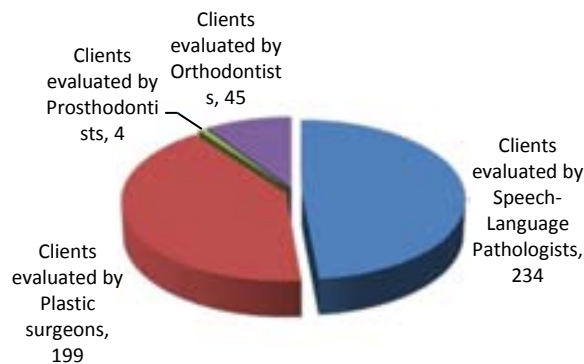


Figure 17: U-SOFA Evaluation

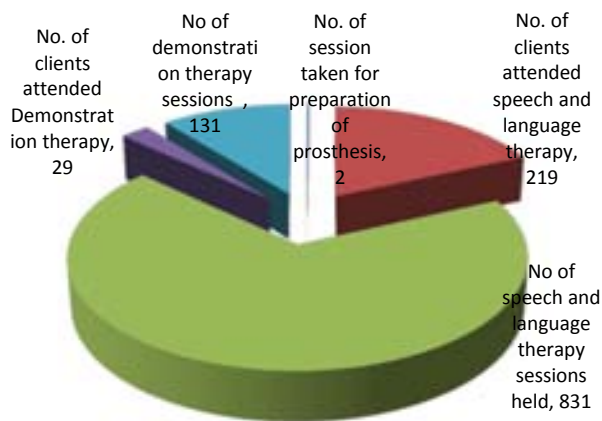


Figure 18: U-SOFA Rehabilitation

Table 25: Activities of U-SOFA

Diagnostic details	
Clients evaluated by Speech-Language Pathologists	234
Clients evaluated by Plastic surgeons	199
Clients evaluated by Prosthodontists	04
Clients evaluated by Orthodontists	45

Rehabilitation carried out	
No. of session taken for preparation of prosthesis	02
No. of clients attended speech and language therapy	219
No of speech and language therapy sessions held	831
No. of clients attended Demonstration therapy	29
No of demonstration therapy sessions	131

Vertigo Clinic: The clinic offered comprehensive care in evaluation and management of patients with vertigo. A multidisciplinary team comprising of ENT surgeon, neurologist and audiologist evaluated 227 patients in the clinic for both peripheral and central vertigo during the reporting year and diagnostic tests like microscopic examination of ear, electronystagmography, vestibulo spinal tests, neurological evaluation, video nystagmography, audiological tests and vestibular evoked myogenic potential test were carried out for the needy ones.



Vertigo evaluation

Voice Clinic: This clinic offered evaluation and management services to persons of all ages with voice disorders. So far, 229 clients with voice disorders were evaluated in the clinic using video stroboscopy and software for voice assessment.



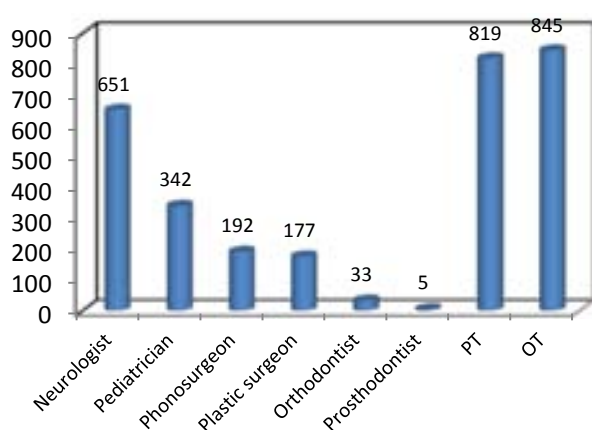
Voice evaluation

Medical Specialty & Allied Health Services

The institute facilitated the services of various medical specialists such as pediatrician,

neurologist, plastic surgeon, prosthodontist, orthodontist, phono- surgeon and services of allied health professionals such as physiotherapist and occupational therapist, to the needy clients. Totally 845 patients underwent occupational therapy in 5931 sessions and 819 underwent physiotherapy in 7234 sessions, during the reporting year. In addition, 651, 342, 177, 33, 5 and 192 clients consulted neurologist, pediatrician, plastic surgeon, ortho-dontist, prosthodontist and phono-surgeon, respectively. The details are given in figure 19.

Figure 19: Medical specialty & allied health



PT: Physiotherapy, OT: Occupational Therapy

Special Educational Services

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

Parent Infant Programme: This caters to very young children with communication disorders in their infancy and toddlerhood. During the reporting year, 25 such children (8 Kannada, 15 Malayalam, 1 Hindi and 1 Telugu) were provided early stimulation services through 1452 sessions.

Pre-school Parent Empowerment Programme: Parents of 81 children of two years and above age suffering from various communication disorders

were empowered to prepare their children for pre-school. Language wise, 45 Kannada, 27 Malayalam, 5 Hindi, 3 Telugu, and 1 Tamil parents benefitted the service in 1216 sessions.

Pre-school Training: Totally 221 children with communication disorders underwent preschool training in 181604 sessions during the reporting year. This includes children with autism (42), mental retardation (81) and hearing loss (92). Among them 06 children had multiple disabilities.

Curricular Support Services: Seventy children with communication disorders studying in normal schools were provided with curricular support services, individualized education plan and demonstration therapy in 2863 sessions during the reporting year.

Counseling and Guidance: This service was provided to caregivers and educators in the field for helping them support the education of children with communication disorders. Totally, 369 persons received counseling and guidance in 2696 sessions.

Co-curricular Service: As part of pre-school services, 189 young children with communication disorders were trained in co-curricular activities like physical exercises, yoga, music, dance and games in 282 sessions.

Computer Training: Twenty three care givers/parents of special children were given basic computer training in 658 sessions.

Literacy Training: The Caregivers' Literacy Training Unit of the Department provided training in reading, wring and arithmetic skills for 9 parents of special children in 118 sessions.

Sensori-neural training: Apart from the regular routine aspects of co-curricular training like Yoga, physical exercises and play activities, performing

arts, and visual arts; children with multiple sensory issues are provided daily training in sensory motor integration and self-help skills using specialised materials like balancing beam, acupressure mats and balls, therapeutic balls, trampoline, multi-swing, etc. In the reported year 109 children had received training through 122 sessions.

Organization of Summer Camp: A one month summer camp was organized for children with disability from 1st May 31 May, 2013 and 60 children attended the camp.

A summary of special educational services provided during the reporting year are given in table 26.

Table 26: Special educational services

Service	C	S
Parent infant programme	25	1452
Parents empowerment	81	1216
Pre-school training for children with comm. Disorders	221	181604
Co-curricular training	189	282
Curriculum support service	70	2863
Counseling and guidance	367	2696
Computer training	23	658
Literacy training	09	118

C: Clients, S: Sessions

Clinical Support Services

The institute extended a diverse range of support services to patients and their family. These include the following.

Distribution and Repairing of Hearing Aids: The Department of Electronics of the Institute carried out the electro-acoustic evaluation, management and issue of hearing aids. Hearing aids were distributed under ADIP Scheme of Ministry of Social

Justice and Empowerment, Government of India and AIISH Hearing Aid Dispensing Scheme. Totally 3358 hearing aids with solar battery chargers were distributed at the main campus (3036), camps (322), and clinical outreach centers (602), after electro-acoustic evaluation and testing under ADIP scheme. Under AIISH Hearing Aid Dispensing Scheme, 1530 hearing aids were issued at concessional rate. The department also repaired 407 body level and 582 BTE hearing aids.

Counseling and Guidance: The professional experts of the Institute provided counseling and guidance on various aspects of the disorders such as treatment procedures, usage and care of tools like hearing aids during the reporting year.

Distribution of toy kits: Fifty toy kits were distributed to eligible disabled children below poverty line during the International Day of Persons with Disabilities on 3rd December 2013.



Distribution of toy kits

Issue of Certificates: Various certificates like financial aid, income tax exemption, educational scholarship, and school admission were issued to the eligible candidates during the reporting year, the details of which are given in table 32 and figure 20.

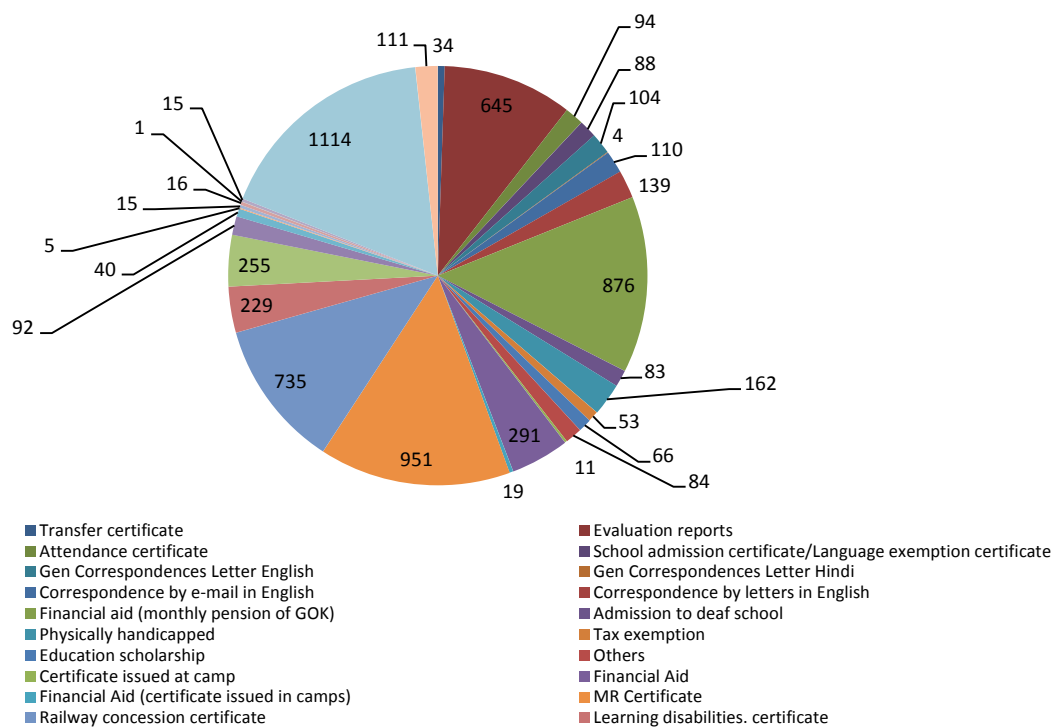


Figure 20: Issue of certificates

Table 27: Issue of certificates

Particulars	Total
Transfer certificate	34
Evaluation reports	645
Attendance certificate	94
School admission certificate/ Language exemption certificate	88
Gen Correspondences Letter English	104
Gen Correspondences Letter Hindi	04
Correspondence by e-mail in English	110
Correspondence by letters in English	139
Financial aid (monthly pension of GOK)	876
Admission to deaf school	83
Physically handicapped	162
Tax exemption	53
Education scholarship	66
Others	84
Certificate issued at camp	11
Financial Aid	291
Financial Aid (certificate issued in camps)	19
MR Certificate	951
Railway concession certificate	735
Learning disabilities. certificate	229
Psychological Report	255
Slow Learner Certificate	92
Income Tax Exemption Certificate	40

Medico-legal cases	05
Bonafide certificate	15
Driving license	16
LIC	1
CI	15
Handicapped Certificate (Pension)	1114
Medical Certificate	111

Clinical Observation Posting

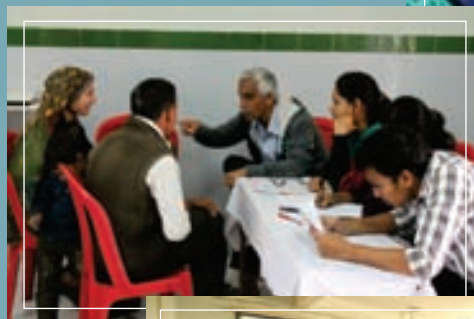
The institute facilitated clinical observation posting for students in the area of communication disorders and allied fields from other institutes in the country and abroad. Around one thousand students and staff from 47 institutions across the country and abroad were posted for clinical observation in different clinical units and departments of the institute during the reporting year. The details of the institutions are given in table 28.

Table 28 : Clinical observation posting

S.N	Organization
1.	Avinashilingam University, Coimbatore
2.	AWH College of Education, Kerala
3.	B.Sc. Nursing from K.L.E.V.S INS, Belgaum

4.	Bapuji Inst. of Education & Technology, Davanagere	45.	University of Hannover, Germany
5.	BEO College, Mysore	46.	VIMS, Bellary
6.	BIET, Davanagere	47.	Vivekananda college of Education, Puttur, D.K
7.	BIRDS Special School for the Deaf from Gokak District		
8.	Block Education Office Mysore rural		
9.	CSIBER College Kolhapur, Maharashtra		
10.	Deaf Children Training Centre, Mysore		
11.	Demonstration School, RIE, Mysore		
12.	Dept of Special Education, Vaghdevi School, Bangalore		
13.	Dept. of Psychology, Teressian college, Mysore		
14.	Dr. Ambedkar Institute of Technology, Bangalore		
15.	Dr. S.R. CISH, Bangalore		
16.	Govt. School of Nursing, Mysore		
17.	J.S.S college of Nursing, Mysore		
18.	J.S.S Polytechnic, Mysore		
19.	JIPMER, Puducherry		
20.	JSS Medical College, Mysore		
21.	JSS Polytechnic for Differently abled college		
22.	KIMS Hubli		
23.	KSOU, Mysore		
24.	KVM College, Kerala		
25.	Little Flower Convent School, Chennai		
26.	Montfort Centre for Education Dankgre, Meghalaya		
27.	Mount Carmel College, Bangalore		
28.	Mysore Medical College, Mysore		
29.	Mysore University, Mysore		
30.	Navajeevan College of Education, Nandyal, A.P		
31.	NIEPMD, Chennai		
32.	NISH, Trivandrum, Kerala		
33.	PSG Medical College, Coimbatore		
34.	A. Y.J.N.I.H.H, Bhuvaneshwar, , Odisha		
35.	RIE college, Mysore		
36.	Roda Mistry College of Social work, Hyderabad		
37.	School of Behavioral Sciences, Kannur University, Kerala		
38.	School of Nursing, K.R. Hospital, Mysore		
39.	SDM College, Ugire.		
40.	Sree Sankaracharya University of Sanskrit, Kerala		
41.	SSA Waynad, Kerala		
42.	St. Agnes College, Mangalore		
43.	St. Philomena's College, Mysore		
44.	Teacher Training Centre, Tilak Nagara, Mysore		

Outreach Services



Inside...

- | Communication Disorder Screening Programmes
- | Diagnostic & Therapeutic Services at Outreach Service Centres
- | Tele – intervention and Tele - assessment
- | Website-based Service
- | Mainstream School Adoption



Outreach Services in Numbers

Infant Screening at Mysore City Hospitals/ Outreach Service Centres = **15119**; Newborn Screening at DHLS centres = **13602**; Industrial Screening = **367**; School Screening = **520**; Elderly Screening = **80**; Communication Disorder Screening Camps = **9**; Clinical Cases at Outreach Service Centres = **4447**; Tele Assessment = **130**; Tele Intervention = **212**; Mainstream School Adoption = **11**

Outreach Services

In addition to the diagnostic and therapeutic services provided within its walls, the institute provides various outreach activities pertaining to communication and its disorders in different parts of the country. The following outreach services were carried out during the reporting year.

Communication Disorder Screening Programmes

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

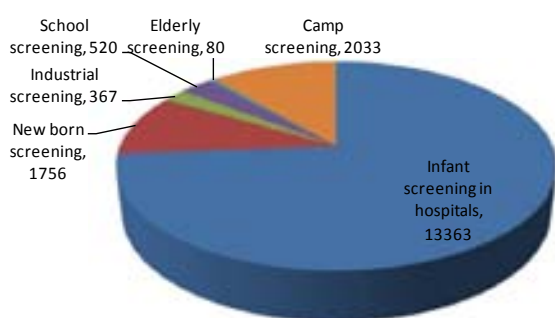


Figure 21 : Screening done in different settings

the parents / caregivers were counseled regarding the identification of any delay or deviancies in normal developmental milestones of speech, language, hearing, motor and other related domains that affect the development of communication skills in children.

Screening at the hospitals in Mysore: Screening was carried out at 15 hospitals and 3 immunization centres in and around Mysore throughout the year and totally 13363 babies were screened and 243 (1.81%) among them were referred to the institute for follow-up. The details are given in table 29.



Infant Screening at a hospital in Mysore

Infant Screening

Under this programme, neonates and infants were screened using various tools such as High Risk Register for communication disorders, Behavioral Observation Audiometry, Oto Acoustic Emission Screening and Screening Checklists to identify the risk factors that could lead to communication disorders.

Screening programme was carried out at the hospitals/immunization centres in and around Mysore, outreach clinical centres and hospitals attached to the DHLS centres of the institute, and

Table 29: Infant screening in hospitals in Mysore city

S. No.	Hospitals/ Immunization centres	Cases screened	Cases referred
1.	Apollo hospital	410	10
2.	B.M. hospital	225	0
3.	Combined hospital	160	1
4.	E.S.I. hospital	104	2
5.	Harsha hospital	85	0
6.	Kamakshi hospital	574	2
7.	K.R. hospital	9519	178
8.	Immun. centre, K.R. hospital	25	2

9.	Makkalakoota Immun. centre	279	12
10.	Mission hospital	601	26
11.	Mission immun. centre	101	1
12.	N.P.C . maternity hospital	151	1
13.	S.M.T.D. hospital	553	1
14.	Railway hospital	40	0
15.	Ashwini nursing home	120	2
16.	Sridevi nursing home	109	0
17.	Gopala gowda shantaveri memorial hospital	29	2
18.	Family planning association of India clinic	278	3
	Total	13363	243

Screening at Outreach Service Centres and Other Hospitals:

The infant screening was also carried out at the outreach centres of the institute located in Akkihebbalu and Hullahalli, and the three government hospitals at K.R.Nagar, Santhamaralli and T.Narsipura. A total of 1756 infants were screened, of which 22 (1.25%) were referred for detailed assessment, the details of which are given in table 30 and figure 22.

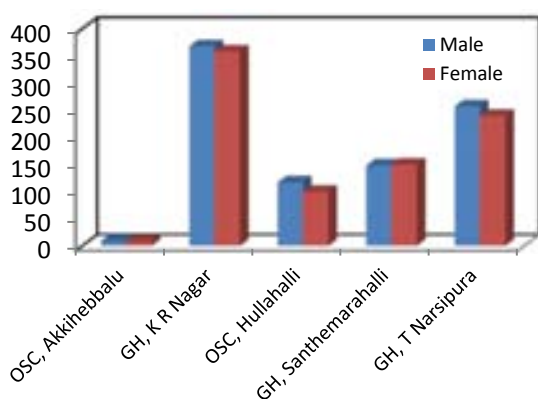


Figure 22: Infant screening at outreach service centres & other hospitals

Table 30: Infant screening at outreach service centres and other hospitals

Hospitals / Outreach centres	Cases Screened			Cases referred
	M	F	T	
OSC, Akkihebbalu	9	8	17	0
GH, K R Nagar	368	358	726	6

OSC, Hullahalli	117	100	217	5
GH, Santhamarahalli	148	150	298	1
GH, T Narsipura	257	240	498	10
Total	899	856	1756	22

OSC=Outreach Service Centre; GH=Government Hospital; M=Male; F=Female; T=Total

Newborn Screening at Hospitals of DHLS Centres:

The new born screening was also carried out at the hospitals attached to the three DHLS centers, namely Sri Ramachandra Bhanj Medical College and Hospital, Cuttack (2905), Regional Institute of Medical Sciences Imphal (3848), Janana Hospital & JLNMCH, Ajmer (6309). Totally 13062 babies were screened and 643 (4.92%) of them were referred for follow-up. A complete test battery was administered for those who came for follow up. The details are given in figure 23.

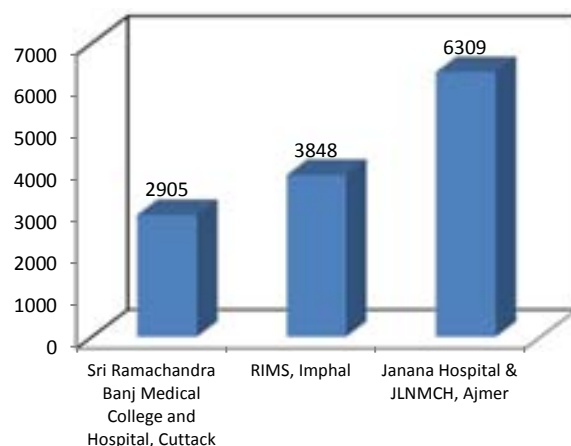


Figure 23: Newborn screening at DHLS hospitals

Industrial Screening

Hearing evaluation of industrial workers, were carried out for the employees working in the AMW-MGM Forgings Pvt. Ltd., Mysore, KSIC, Mysore and M/s. TATA Global Beverages Limited, Bangalore. Of the 215 persons screened, 71 (33.02%) were referred to the institute for further check-up.

In addition, 152 employees of Karnataka Silk Industries Co., Mysore, were evaluated for hearing

at the institute and 144 (94.73%) of them were identified with hearing impairment ranging from minimal to severe hearing loss. The employees were counseled on the need to use hearing protective devices.



Screening industrial employees for hearing loss

School Screening

Nursery and primary school students of the St. Joseph's School, Mysore, were screened for communication disorder as a part of the school screening programme during the reporting year. Totally 520 students were screened and 27 (5.19%) of them were recommended for follow-up at the Institute.



Screening of school children for communication disorders

Elderly Screening

Speech, language and hearing evaluation were carried out for elderly citizens residing in different old age homes in Mysore. Eighty persons underwent the evaluation and 25 (31.25%) among them who had hearing problem were provided with hearing aids. The details are given in table 31.



Screening for communication disorders among elderly citizens

Camp-based Screening

The Institute organized nine camps in various localities in Karnataka, Katpadi, Tamil Nadu and Guna, Mandhya Pradesh and the expert speech and hearing and allied health professionals from the institute screened 2033 persons for communication disorders in the camps. The details are given in table 32.



Screening at camp

Table 31: Elderly Screening

Old Age Homes	Speech-Language evaluation			Hearing evaluation			Hearing aid Distribution		
	M	F	T	M	F	T	M	F	T
Sri Vasavi Shanthidham, Mysore	2	0	2	12	15	27	7	6	13
Belaku Vathsalya Dhama, Mysore	0	0	0	0	11	11	0	4	4
JSS old age home, Mysore	0	0	0	8	13	21	1	5	6
Sri Bharathi Vrudhashram, Mysore	1	0	1	8	10	18	0	2	2
TOTAL	3	0	3	28	49	77	8	17	25

M= Male; F= Female

Table 32: Communication disorders screening camps

S. No.	Locality	Date	Speech- language evaluation	Audiological evaluation	ENT Evaluation	Total
1	Vyasarajanapura, Mysore	18.05.13	3	25	0	28
2	H D Kote, Mysore	25.06.13	0	32	0	32
3	Talakadu, Mysore	02.07.13	27	33	0	60
4	B R hills, Mysore	06.07.13	22	111	22	155
5	Sri Sai Ranga special school, Mysore	14.07.13	9	94	0	103
6	Worth trust school, Katpadi, Tamil Nadu	23.08.13 to 24.08.13	0	141	0	141
7	Koppa, Periyapatna, Mysore	19.11.13	26	4	0	30
8	Government Hospital, Periyapatna, Mysore	22.11.13	12	5	0	17
9	Ragohar, Guna district, Madhya Pradesh	21.02.14 to 27.02.14	239	806	422	1467
Total			338	1251	444	2033

Diagnostic and Therapeutic Services at Outreach Service Centres

Communication disorders related diagnostic and therapeutic services were provided at the three outreach centres of the institute located in Gumballi, Chamarajanagar, Akkihebbalu, Mandya, and Hullahalli, Nanjangud. Totally 4447 persons availed the services. The details of the evaluation are given in figure 24. In addition to the evaluation provided, 441 hearing aids were issued to the needy ones.



Tele-monitoring of speech therapy at outreach service centre

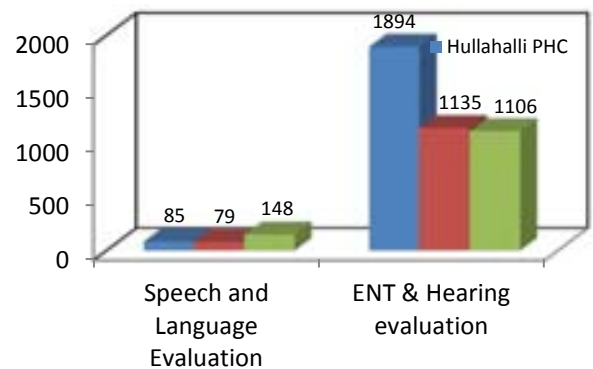


Figure 24 : Clinical services at outreach service centres

Tele – intervention and Tele - assessment

The Centre for Rehabilitation and Education through Distance Mode offered tele-intervention and assessment service to the persons with communication disorders and their caregivers at 11 DHLS centers of the institute located throughout the country through the AIISH video conferencing system, the details of which are given in table 33 and figure 25.

Table 33: Tele intervention and Tele Assessment Services

Service	Types of Disorders										Total
	Phonological / Articulation		Fluency		Voice		Language		Multiple		
	Clients	Session	Clients	Session	Clients	Session	Clients	Session	Clients	Session	
Tele Assessment	19		27		18		54		12		130
Tele intervention	30	32	43	47	19	21	84	98	12	14	212

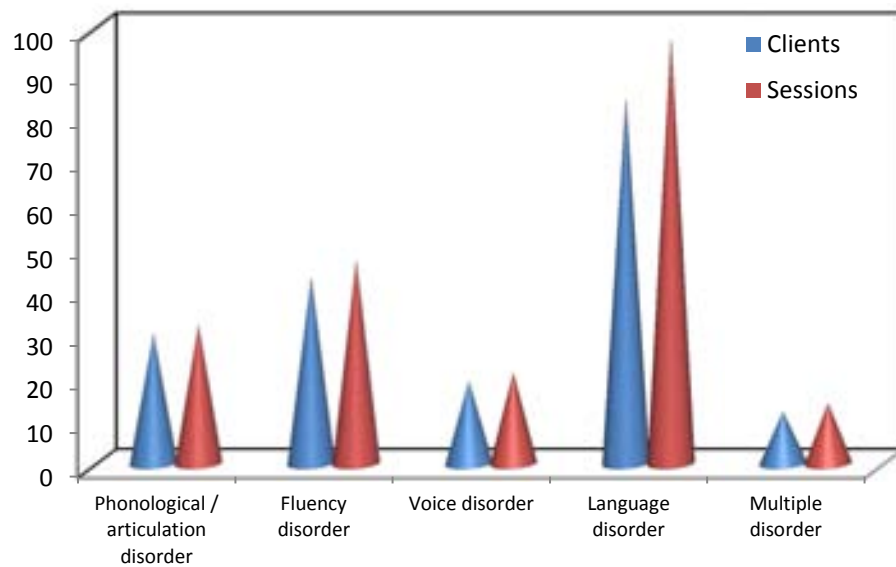


Figure 25: Tele-intervention

In addition, tele-intervention was also provided to 11 clients in 128 sessions through SKYPE, the web-based audio-video communication system.

Website-based Service

The Centre for Rehabilitation and Education through Distance Mode addressed queries related to communication disorders, their assessment and management by providing various resource materials over its website. Totally, 4458 persons visited the site for availing the service during the reporting year. In addition, the website provided a helpline service for persons with Parkinson's disease.

Tele-Educational Guidance and Counseling

Educational guidance and counseling were given to 14 parents of children with communication

disorders at the DHLS study centres through videoconferencing and the SKYPE to make them understand how the child's special need might affect his education, how to prepare him for schooling, help in deciding appropriate schools for the child and inform them of various benefits and concessions offered by the central and state governments for the children with special needs.



Tele-educational guidance

Mainstream School Adoption

In order to ensure proper care for the children with communication disorders, studying in normal schools, a mainstream school adoption programme

was initiated and 11 schools were adopted and 130 teachers in these schools were oriented through 19 programmes on identification of special needs in children, curricular adaptation and management of

their special educational needs in the inclusive learning environments.



Public Education

Inside...

- | Monthly Public Lectures
- | Preparation and Dissemination of Information Resources
- | Camp-based Awareness Activities
- | Observation of Commemorative Days
- | Mass Media Based Public Education
- | Public Orientation Programmes

Public Education in Numbers

Monthly Public Lectures = **12**; Public Education Materials = **17**; Translation of Materials = **24**; Awareness Rallies = **2**; Observation of Commemorative Days = **7**; Public Orientation Programmes = **13**; Public Participation for Open Day = **3728**; Mass Media based Public Education = **10**



Public Education

The institute has been taking various steps to make the common man aware of communication disorders, educate them on prevention of the disorders and provide guidance and counseling to persons suffering from such disorders. The major public education activities carried out during the reporting year are the following.

Monthly Public Lectures

In order to create public awareness on various communication disorders such as stuttering, articulation disorders, aphasia, mental retardation, hearing and voice problems, the institute organized monthly public lectures tailored for common man, throughout the year, during which expert professionals working in the institute delivered one-hour lecture followed by question and answer session with the audience. The details of the lectures delivered during the reporting year are given in table 34.



Public lecture

Table 34: Public lectures

Date	Topic	Resource person
27.04.13	Classroom settings for children with hearing impairment	Mr. Jijo, Lecturer in Audiology, Dept. of Audiology
25.05.13	Listening training for individuals with hearing impairment	Ms. N Devi, Lecturer in Audiology, Dept. of Audiology
29.06.13	Facilitating language skills in children with communication disorders	Dr. Swapna, N, Lecturer in Speech Pathology, Dept. of Speech Language Pathology
27.07.13	Hearing problems in children	Ms. Spoorthi, T, Research Officer, Dept. of Audiology
31.08.13	Stuttering	Dr. Santosh, M, Reader in Speech Sciences, Dept. of Speech Language Sciences
28.09.13	Learning disability	Dr. S. Venkatesan, Professor in Clinical Psychology, Dept. of Clinical Psychology
26.10.13	Cleft lip and palate – Causes and management	Ms. Deepthi K. J, Lecturer in Speech Pathology, Dept. of Speech Language Pathology
30.11.13	Effects of noise on hearing	Mr. Kishore Tanniru, Lecturer in Audiology, Dept. of Audiology
28.12.13	Hearing aids - Common queries	Dr. Manjula P, Professor in Audiology Dept. of Audiology
25.01.14	Traumatic Brain Injury- causes, symptoms and management	Dr. Hema N, Lecturer in Speech Sciences, Dept. of Speech-Language Sciences
22.02.14	Stuttering	Dr. Anjana B Ram, Lecturer in Speech Pathology, Dept. of Speech Language Pathology
29.03.14	Screening of New Born Communication	Mr. Arun Raj, Clinical Assistant, Dept. of Audiology

Preparation and Dissemination of Information Resources

Various public education materials related to the prevention and control of communication disorders were prepared in print and electronic formats and disseminated among the general public. The major ones are given in table 35. In addition, the materials prepared in one language were translated to others and disseminated.

Table 35: Public education materials prepared & translated

S.No	Title	Type	Language
1.	An overview to auditory training	Brochure	English / Hindi / Telugu / Kannada / Tamil / Malayalam / Marathi
2.	Sudden hearing loss	Brochure	English
3.	Can hearing loss be sudden? Yes, it can	Pamphlet	Hindi / Kannada / Malayalam
4.	Considering cochlear implant	Pamphlet	Hindi / Kannada / Malayalam
5.	Learning disability	Pamphlet	Hindi / Kannada / Malayalam
6.	Dementia	Pamphlet	Hindi / Kannada / Malayalam
7.	Train your child - Level 3	Manual	Hindi
8.	Parent & child	Manual	Manipuri / Oriya / Tamil
9.	Train your child - Level 4	Manual	English / Hindi
10.	Train your child - Level 3	Manual	Kannada
11.	Train your child in pre-academic skills	Manual	Hindi
12.	Role of teachers in the management of children with cerebral palsy	Brochure	Kannada / English
13.	Attention Deficit Hyper Active Disorder	Pamphlet	Kannada/ Hindi,/ Malayalam/ Tamil, Manipuri/ Odiya
14.	Protect your ears from noise	Pamphlet	English
15.	Know before you burst	Pamphlet	English
16.	Home training for motor speech disorders	Pamphlet	English
17.	Home training programme for Aphasia	Pamphlet	English
Translation of Materials			
24 pamphlets on the following topics were translated from English to Kannada, Hindi, Malayalam, Tamil, Manipuri and Oriya languages.			
a) Aphasia, (b) Articulation, (c) Autism, (d) Cerebral Palsy, (e) Cleft Lip and Palate, (f) Communication Problems in Elderly, (g) Dementia, (h) Dysarthria, (i) Ear discharge, (j) FAQ on Noise Induced Hearing Loss, (k) FAQ on Newborn hearing screening, (l) Feeding, (m) Fluency disorders, (n) Hearing Loss, (o) Know This With Pictures and Text, (p) Laryngectomy, (q) Learning Disability, (r) Mental Retardation, (s) Prevention of Developmental Disability, (t) Specific Language Impairment, (u) Stuttering, (v) Voice, (w) Young Girls to be Married			

Camp-based Awareness Activities

The institute organizes communication disorders screening camps in different localities in the state and other parts of the country. As a part of the camp extensive awareness programmes are being conducted to educate the public on the prevention and management of communication disorders. During the reporting year, nine such camps were

conducted and thousands of general public were educated on communication disorders.

Open Day Celebrations

The institute celebrates open day with the objective of providing opportunity for the public to visit the institute and understand various facilities and services it offers with respect to the prevention and control of communication disorders. The open day was celebrated on 17th

December, 2013 during the reporting year and 3728 persons visited the institute. The public were given awareness classes on different aspects of communication disorders on the occasion.



Providing awareness to public on Open Day

Participation in Dasara Procession

The institute participated in the world famous Mysore Dasara procession, the Jamboo Savari which attracts a huge audience from all over the country and abroad, on 14th October, 2013 with a tableau on communication disorders. The tableau won first prize.



Director, staff & students with the tableau which won prize

Participation in Science Exhibition

The institute participated in a Science Exhibition organized by Gopalaswamy Shishuvihara High School, Mysore, on 7-8 December, 2013 and exhibited charts, flashcards and models on prevention of communication disorders. A video on the topic was also displayed during the event.

Awareness Rallies and Street Plays

A cycle rally was conducted to mark the international noise awareness day on 24th April, 2013. In addition, the institute organized a noise awareness rally in Mysore city to create awareness among the public on the hazardous effects of noise, especially from fire crackers in the run up to Deepavali on 27th October, 2013. The Director, staff

and students of the institute and hundreds of general public participated in the rally.



Public education through street play

The institute also organized a street play in Hariharapura village, K.R. Pete, Mysore, to create awareness among the public on prevention of communication disorders on 26th December, 2013.

Observation of Commemorative Days

The following commemorative days associated with speech and hearing and allied fields were observed at the institute to raise awareness, and hundreds of people from different walks of life attended them.

1. Autism Awareness Day on 2nd April, 2013.
2. World Voice Day on 16th April, 2013.
3. International Noise Awareness Day on 24th April, 2013.
4. World Music Day on 4th July, 2013.
5. International Stuttering Awareness Day on 8th November, 2013.
6. International Day of Persons with Disability on 3rd December, 2013.
7. National Cerebral Palsy Day on 29th January, 2014



World voice day

Public Orientation Programmes

In addition to the monthly public lecture series conducted at the institute campus, the institute organized 13 orientation lectures on prevention of

communication disorders in various localities in Mysore and nearby districts under the aegis of the Department of Prevention of Communication Disorders of the Institute. Totally, 722 persons including senior citizens, ASHA workers, industry workers, doctors and teachers benefitted from these orientation programmes. The details are shown in the figure 26.

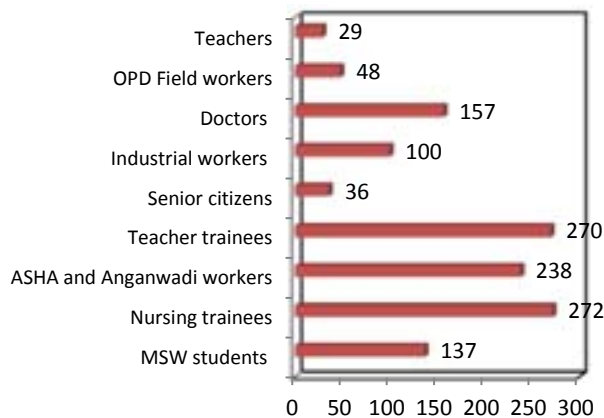


Figure 26: Public orientation programmes



Orientation to Industrial employees on Noise and its effects

Mass Media Based Public Education

Public Education for the prevention and control of communication disorders was also carried out through the print and electronic media. Some of the media based activities carried out during the reporting year are the following.

1. An article titled 'Your Future is in your Voice' based on an interview with Dr. K. Yeshoda, Lecturer in Speech Sciences was published in the *District Plus*, special supplement of *The Hindu* on 13th April, 2013.
2. An article titled 'How to Save Your Voice' based on an interview with Dr. K. Yeshoda, Lecturer in Speech Sciences was published in the *District Plus*, special supplement of *The Hindu* on 27th April, 2013.
3. A Live Phone in Programme on Allergy and Deafness with Dr. Rajeswari, Professor in ENT was broadcasted by the Television Channel, *Channel C*, Mysore on 20th July, 2013.
4. An article titled It is a Noisy World based on an interview with the professional staff of the Institute was published in the *District Plus*, special supplement of *The Hindu* on 29th September, 2013.
5. A radio talk on Bursting Crackers and Its ill Effects on Hearing Mechanism was delivered by Dr. P. Manjula, Professor in Audiology at All India Radio, Mysore, which was broadcasted on 31st October, 2013.
6. Twenty Slogans on Prevention of Hearing impairment were broadcasted by the All India Radio, Mysore as part of Diwali festival in the month of October, 2013.
7. A 60 minute programme on Noise Pollution and Crackers: Care to be Taken was telecasted by the *Siti Cable*, *UMN* and *MCN* television channels during Deepavali Festival in October, 2013.
8. A news item on Open Day activities of the institute was published in *Vijaya Karnataka* a leading Kannada newspaper on 15th December, 2013.
9. A radio talk on Prevention of Communication Disorders was delivered by Dr. Jayashree Shanbal, Lecturer in Speech Pathology in Doctors Talk Programme at All India Radio, Mysore which was broadcasted on 28th March, 2014.
10. A documentary film on Centre for Rehabilitation and Education through Distance Mode of the Institute was relayed in *Just Kannada* online news portal.

In addition to the above, the print and electronic media gave excellent coverage of various other activities and events of the institute such as workshops, conferences, guest lectures and monthly public lectures during the reporting year.

Extracurricular Events



Inside....

- | Annual Day
- | Pratibha Puraskar and Talents day Programme
- | Kannada Rajyotsava Day
- | AIISH Aawaaz
- | National Service Scheme Activities



Extracurricular Events

The institute carries out various extracurricular activities such as Institute annual day celebrations, talent day and AIISH Awaaz the intercollegiate cultural festival. These extracurricular activities are spearheaded by AIISH Gymkhana, the cultural organization of staff and students and the National Service Scheme Unit. The extracurricular activities took place during the reporting year are given below.

AIISH Gymkhana

Annual Day

On 9th August, 2013, 48th anniversary of the institute was celebrated. Former Hon'ble Justice N. Santhosh Hegde and Prof. M.G. Krishnan, Vice Chancellor, were the guests at the inaugural event. Dr.S.R. Savithri, the Director presided over. During the occasion, the meritorious students and Ph.D. awardees were felicitated, and a video film on the institute activities and the annual report of the institute for the year 2012-13 were released.



Inaguration of 48th annual day

Dr. Uma Saraswathi, the Hindi Translator rendered vote of thanks. As a part of the event, a cultural programme was organized in the evening in which Prof. S. Ravi, Director, Planning, Monitoring and Evaluation Board and Sri. K.L. Jayaram, Senior General Manager, BSNL were the chief guests. The retired employees, employees completing 25 years of institute service, and employees selected for best AIISHian awards were honored, and various public education materials prepared by the institute and the Xth volume of Student Research at AIISH were released during the occasion. Also, the

staff, students and preschool children presented various cultural performances.

Pratibha Puraskar and Talents day Programme

Twelve meritorious children of the institute staff who excelled in the curricular and extracurricular activities were honored by the Gymkhana on 3rd July, 2013. Many children showcased their talents during the occasion.



Price distribution to the talented children

Independence Day

The independent day was celebrated on 15th August, 2013 to mark the 67th year of independence of the country. Dr. S.R. Savithri, Director of the institute hoisted the national flag during the occasion. Various cultural activities such as recital of patriotic songs by the students and fancy dress presentation by the pre-school children were also held as a part of the celebration.



Independence day celebration

Kannada Rajyotsava Day

On account of Kannada Rajyotsava, cultural competitions were held from 5th November to 7th November, 2013. Various competitions like group song, treasure hunt, debate, dumb charades, essay writing were conducted and prizes distributed.

Open Day

On 17th December, 2013, the institute celebrated Open Day. Three thousand seven hundred and twenty eight persons were registered of different schools across Mysore and general public visited the Institute during the occasion. They were educated on issues related to disability. The Open day was inaugurated by Sri.Vikram Muthanna, Managing Editor, Star of Mysore and Dr. S.R. Savithri, Director, AIISH presided. Many informative and fun games were conducted for the children and general public to create awareness about disability and their needs.



Inauguration of Open day

AIISH Aawaaz

From 7th March to 9th March 2014, an inter-collegiate cultural festival and platform for college students to showcase their cultural talents was conducted at AIISH Gymkhana. On 7th March 2014, Sri. Richard Louis, famous stand-up comedian inaugurated the event as Chief Guest. On 9th March 2014, valedictory function was celebrated with Sri. Vijaya Raghavendra, Sandalwood actor as the chief guest and Ms. Varijashree, singer and flutist as the guest of honor. Dr. S.R. Savithri, Director, AIISH presided over the function.



Students performance at AIISH AAWAAZ

The competitions included group dance, variety entertainment, fashion designing, group song, skit, mad adds, collage, debate, creative writing, fashion show, pencil sketch, quiz and treasure hunt. The cultural and fine arts events at the festival witnessed intense competition among the students from many colleges of Mysore. AIISH bagged the overall championship award. Kasturi T.V. Channel covered the events and telecasted

the events on 31st March, 2014. Game show Lagori was also conducted for staff and students of the institute and was also telecasted in Kasturi Channel.

Television Programme

The Kasturi T.V. Channel team visited the institute on 22- 23 March, 2014 and recorded AIISH activities and telecasted as follows.

Sl. No.	Date & Time	Event
1.	31.3.2014 11.30 am to 02.00 pm	The glimpses of AIISH Aawaaz, 2014 which includes a group dance competition and fashion show.
2.	31.3.2014 08.00 pm to 09.00 pm	Celebration of Ugadi festival with celebrities was telecasted in a popular serial Mouna Maataadaaga under caption Vasantha Lahari.

Ugadi Celebrations

Ugadi festival was celebrated at the Institute on 24th March, 2014. Famous movie stars Ms. Leelavathi and Mr. Vinod Rajkumar were the guests of honour and the pre-school children of the Department of Special Education presented various cultural activities during the occasion. The entire event was telecasted by the Kasturi T.V. Channel.

Participation of Students in Competitions held Outside the Institute:

The students of the institute participated in various cultural and sports competitions held outside the institute and won laurels for the institute.

The students participated and won many prizes in the cultural competitions organized by the University of Mysore. These include:

- English debate- Rida, II MSc. (SLP)
- Quiz- Soujanya, II MSc. Audiology, Harisha and Shivaprakash, IIIrd BSc.
- Sketching- Rajini, II MSc. SLP
- Kannada elocution – Sandhya, II M.Sc. SLP

The students also participated and won prizes at MMC Fest organized by the Mysore Medical College, Mysore. These include:

- Group song- Zebu, II M.Sc. Audiology, Anjali V. Bhat, I M.Sc. Audiology, Jim (Intern), Sarga, Joanna, III B.Sc, Sam, Appas, Aditya , Pooja, II BSc, Jagacharan, Abhijeet, III B.Sc., Revathi, II B.Sc., Anupama, Sangeetha, Divya and Sudeeksha, Ist B.Sc.
- Creative writing- Stuti Sharma, III B.Sc.
- Poetry- Sandhya, II M.Sc. SLP
- Kannada debate – Harisha Goutham , III B.Sc. and Sandhya, II M.Sc. SLP
- Parichay- Nandita, II M.Sc. SLP, Pragya, Soujanya, Priya, II M.Sc. Audiology, Anjali V. Bhat , I M.Sc. Audiology, Shivprasad, Akshay, Harish, Stuti, Vishnupriya, Manisha , III B.Sc., Tenzin, Jumana, II B.Sc., Dhanush and Pooja, I B.Sc.
- Solo singing - Anjali V. Bhat, I M.Sc. . Audiology
- Painting- Rajini, II M.Sc. SLP
- Photography- Jim, Intern

National Service Scheme

The National Service Scheme (NSS) unit of the institute rendered a variety of community services during the reporting year. The major services among them are given below.

Shramadan

The unit organized three shramadan programmes during which the volunteers cleaned the premises of the Institute and the foothills of Chamundi Hills by removing plastic waste. Also, all the steps from foothills to the top of chamundi hills were cleaned.

GRE & TOEFL Classes

The NSS volunteers were given orientation on the GRE and TOEFL by Ms. Geetha R Shah, Manager (Academic), Time Institute, Vijaya Nagar, Mysore.

Hindi Classes

Hindi classes were conducted for the NSS volunteers especially for the students participating in the camp.

Noise Awareness Rally

The NSS volunteers conducted a Walkathon from KR hospital circle to the Ballal circle on 27th October, 2013. People were educated about hazard of noise. Also different skits related to the hazard of noise were performed. Dr. Rudraaiah, the NSS Programme Officer, University of Mysore inaugurated the rally.

Special Camp

NSS Special Camp was organized at JP hospital, Ragohar, Guna district, Madhya Pradesh on 21st - 27th February, 2014. The volunteers conducted door to door survey on speech and hearing

disorders in Raghogarh. Totally, 26660 persons were surveyed and 1729 among them were identified with various communication disorders. The families, school teachers and community workers were made aware of the disorders as a part of the survey.



Participants of NSS special camp

Official Language Implementation



Inside...

- | Hindi Training
- | Word a Day in Hindi
- | Hindi Week
- | Awards/ Prizes
- | Workshops Conducted
- | Invited Lectures Delivered



Official Language Implementation

The institute has been carrying out the Official Language Implementation (OLI) vigorously as per the guidelines of the Government of India. The various OLI activities carried out during the reporting year are detailed below.

Hindi Training

The staff who do not possess working knowledge in Hindi were given training and nominated for Prabodh and Praveen courses. Totally six staff members passed the examinations.

Material Development

Various materials including advertisements (2 no), certificates (106 no.), invitations (06 no.), name boards (115 no.), bilingual registers (15 no.), staff designation list (77 no.) and general orders/memos/notes/circulars (97 no.), were prepared in Hindi. In addition, translation of the annual report 2012-13 was also carried out.

Word a Day in Hindi

Most frequently used words in official settings were prepared in bilingual form and displayed for the benefit of the staff in various locations such as administrative block, academic block, library, therapy clinic and pre- school throughout the year.

Hindi Week

Hindi week was celebrated on 12-18 September, 2013. Dr. S .R. Savithri, Director of the institute inaugurated the event on 12th September. Various competitions were organized and prizes given during the event for encouraging and motivating the employees for adopting Hindi for official work. The valedictory function held on 18th September, 2013 was inaugurated by Prof. Gnanam, Director, Central Hindi Training Institute, Mysore and Dr. S.R. Savithri, Director presided.



Prize distribution during Hindi week

Awards/ Prizes

The various awards received for the Institute under the aegis of the Official Language Implementation Cell during the reporting year are the following.

1. कार्यालय दीपस्मृति पुरस्कार instituted by the Rajabhasha Sansthan, New Delhi for better implementation of official language in official settings.
2. Dr H.P. Uma Saraswathi, Hindi Translator won First Prize for her paper Globalisation and Localization of Official Language Hindi in the conference, organized by the Rajabhasha Sansthan, New Delhi at Jim Corbette Park, Nainital, Uttarkand on 8-10 October, 2013.
3. Mr Anup B J Audiologist Gr. I won 2nd prize for Creative Writing in Hindi competition conducted by the Central Hindi Training Institute on 25th September, 2013.
4. Ms. Shobha Shree, Administrative Assistant won consolation prize for Creative Writing in Hindi competition conducted by the Central Hindi Training Institute on 25th September, 2013.

Workshops Conducted

Four workshops on Official Language Implementation were conducted successfully during the reporting year and totally 31 staff members from various departments/sections attended.



Rekha Agarwal, Lecturer, University of Mysore, delivering lecture

Invited Lectures Delivered

Dr. H P Uma Saraswathi, Hindi Translator delivered invited lectures on topics related to Official Language at Bharat Sanchar Nigam Limited, Mysore and Defense Food Research Laboratory, Mysore during the reporting year.

Awards and Laurels



Inside...

- | Awards and Laurels hosted by other Organizations
- | Awards hosted by the Institute



Awards and Laurels

The staff and students of the Institute bagged a number of awards and laurels hosted by the Institute as well as organizations across the country. In addition, the institute was successful in getting laurels such as ISO 9001-2008 certification and NAAC accreditation. The details of various awards and laurels received by the Institute, its staff and students during the reporting year are detailed below.

Awards and Laurels hosted by other Organizations

1. The Institute obtained accreditation with highest 'A' Grade by the National Assessment and Accreditation Council (NAAC), University Grants Commission, Govt. of India.



2. The institute obtained ISO 9001:2008 certificate in respect of its four verticals of Human Resources Development through teaching-learning, Clinical Services, Research and Public Education in the field of Communication Disorders.



3. The Institute received for the second time the कार्यालय दीपस्मृति पुरस्कार instituted by the Rajabhasha Sansthan, New Delhi for better implementation of official language in official settings.



Dr. S.R. Savithri, Director, Dr. Uma Saraswathi, Hindi Translator & Mrs. Santhi, UDC with Karyalaya Deep Smrithi Puraskar

4. The Horticulture Section participated in the Dasara Horticultural Flower Show, 2013,

organized by the Department of Horticulture, Govt. of Karnataka and won many prizes.



Mr. Gireesh Kumar, Asst. Horticulture Officer receiving Dasara Horticultural Flower Show award

5. The Institute participated in Mysore Dasara Jumbo Savari procession on 14th October, 2013 and bagged first prize for its tableau on Communication Disorders and their Rehabilitation.



Tableau which won price at Jamboo savari

6. Dr. S.P. Goswami was awarded the Raman fellowship to pursue post-doctoral fellowship at U.S.A by University Grants Commission, Govt. of India., New Delhi.
7. Mr. Baljeet Rana, Audiologist Grade I received MQRES scholarship for Ph.D. in National Acoustics Laboratory (NAL), Macquarie University, Australia.
8. Ms. Priyanka Jaisinghani was awarded Dr. Natesh Rathna Gold Medal for securing first rank in B.Sc. (Sp. & Hg.) Examinations, University of Mysore, Mysore in June, 2013.
9. Ms. Priyanka Jaisinghani was awarded National Hearing Care in Audiology Gold Medal for securing first rank in B.Sc. (Sp. & Hg.) Examinations, University of Mysore, Mysore in June, 2013.

10. Ms. Nisha K.V. was awarded Arathi Venkataraman Gold Medal for securing first rank in M.Sc. (Audiology) Examinations, University of Mysore, Mysore in June, 2013.

11. Ms. Aparajitha Tanu was awarded the P.D. Manohar Gold Medal for securing first rank in M.Sc. (Speech Language Pathology) Examinations, University of Mysore, Mysore in June, 2013.



Doctoral / UG/PG Rank holders with the Director



Mr. Prawin Kumar, receiving doctoral degree at University of Mysore

12. Mr. Prashanth Prabhu, P., Dr. Vijayakumar Narne & Dr. Animesh Barman won best scientific paper award in Audiology for their paper Misdiagnosis of Sloping Hearing Loss as Auditory Neuropathy Spectrum Disorder in Children: Case Studies at the 1st International Conference on Audiological Sciences held at Kasthurba Medical College, Mangalore on 7th September, 2013.
13. Dr. Prawin Kumar, Mr. Niraj Kumar Singh & Mr. Vipin P.G won Muktesh Award for Best Paper in Audiology for their paper

Behavioural and Psychoacoustic Measures of Central Auditory Function in Children at Risk for (Central) Auditory Processing Disorder Without Reading Deficits at the 46th ISHACON at Kochi held on 7-9 February, 2014.

14. Mr. Niraj Kumar Singh & Ms. Apeksha Kumari won Dr. N. R. Chaudhary Memorial Award for Best Paper in Audiology for their paper Efficacy of Cervical and Ocular Vestibular Evoked Myogenic Potentials in Evaluation of Benign Paroxysmal Positional Vertigo of Posterior Semicircular Canal at the 46th ISHACON at Kochi held on 7-9 February, 2014.
15. Ms. Nisha K.V. & Dr. Manjula, P. won Dayalan Samuel SSV Award for Best Paper in Audiology for their paper Is it Imperative to have Different Hearing Aid Settings for Different Languages at the 46th ISHACON at Kochi held on 7-9 February, 2014.
16. Ms. Nayana, M, Mr. G. Nike Gnananateja, Dr. Sandeep Maruthy won Dr. M. Raghunathan Award for Best Poster in Audiology for their poster Test-retest-reliability of Contra- lateral Suppression of Acoustic Middle Ear Muscle Reflexes at the 46th ISHACON at Kochi held on 7-9 February, 2014.
17. Ms. Ranjitha, K.B.N., Ms. Rashmi, T., & Mr. Gopikishore, P won Dr. M. Raghunathan Memorial Award for their paper Laryngeal Aerodynamic Analysis of Glottal Valving in children with Down syndrome at the 46th ISHACON at Kochi held on 7-9 February, 2014.
18. Dr. M. Santosh won B.M. Abrol Award for his paper Generalization of Fluency to Untreated Language in Bilingual Adults with Stuttering at the 46th ISHACON at Kochi held on 7-9 February, 2014.



ISHACON award winners with the Director

19. Dr. Venkatesan S won Dr. Anima Sen Memorial Award -2012 for Best Paper for his paper The Enigma of Diagnosis by Exclusion: A Filed Study on Children Frequently Mistaken published in the Disabilities and Impairment- Interdisciplinary Journal.
20. Mrs. Renuka won the Best Paper Award for her paper Therapeutic implication using 'S'- Indicator in Children with Communication Needs at the 6th National Women's Science Congress held at Raichur from 7-8 November, 2013.
21. Mr Anup B J Audiologist Gr. I won second prize for Creative Writing in Hindi competition conducted by the Central Hindi Training Institute on 25th September, 2013.
22. Ms. Shobha Shree, Administrative Assistant won consolation prize for Creative Writing in Hindi competition conducted by the Central Hindi Training Insitute on 25th September, 2013.
23. Dr. N. Sreedevi & Sindusha, C. won best paper award for the paper Computerized Assessment of Phonological Processes in Malayalam (CAPP-M) at GHTC IEEE on 23-24 September, 2013, Tiruvanathapuram.
24. Dr H.P. Uma Saraswathi, Hindi Translator won First Prize for her paper Globalisation and localization of official language Hindi at Rajabhasha Sansthan, New Delhi on 8-10



October, 2013 at Jim Corbette Park, Nainital, Uttarkand.

25. Mr. Shreyank Swamy, 1st year M.Sc. Audiology student won six gold medals and eight silver medals in the Mysore University Inter-Collegiate Swimming Competitions, 2013-2014



Mr. Shreyank Swamy, intercollegiate swimming champion receiving medals at University of Mysore

Sciences bagged the Best Clinical Conference Presentation Award for the year 2013-14.

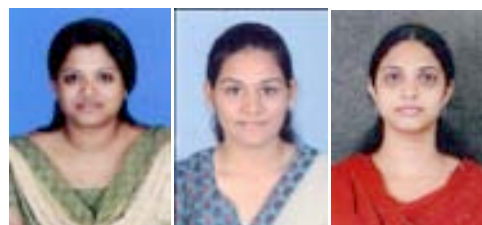


Prathibha

Shruthi

Vindhyaasree

3. Ms. Swathi A., Ms. Archana Rajan and Ms. Renjini Anne Mathew under the guidance of Dr. N. Swapna, Reader in Speech Pathology bagged the Best Journal Club Presentation Award for the year 2013-14.



Swathi

Archana

Renjini

Awards hosted by the Institute

1. Dr. Asha Yathiraj, Professor in Audiology, Dr. S. Venkatesan, Professor in Clinical Psychology, Mr. Ramkumar, Registrar, Dr. H.P. Uma Saraswathi, Hindi Translator, Mrs. Vijayasree, Speech-Language Pathologist Gr-I, Mrs. Suchitra M.G., Speech-Language Pathologist Gr-I, Dr. K.J., Ramadevi Sreenivas, Audiologist Gr-I, Mr. R.C. Girish, Assistant Horticulture Officer, Mr. Md. R. Kaleemulla, Accountant, Mr. M. Shivashankara, Clinical Attendant and Mr. Prakash, S.V., Clinical Attendant received the Best AIISHian award for the year 2013-14.
2. Ms. Prathiba Nagalakshmi, Ms. Shruthi Sreejesh and Ms. Vindhyaashree B.K under the guidance of Dr. Yeshoda, K. Lecturer in Speech

4. Ms. Suma, D.R., awarded Abhilash Award for Best Student Clinician for the year 2013- 14.



5. Ms. Seby Maria Manuel was awarded Dr. Vijayalakshmi Basavaraj Gold Medal for securing first rank in M.Sc. (Aud) Examinations, June, 2012.



Ms. Seby Maria Manuel receiving award

Other Activities and Events



Inside...

- | Infrastructure Development & Maintenance
- | Implementation of Right to Information Act, 2005
- | Library and Information Services
- | Material Development Activities

- | Personnel Management
- | Observation of Vigilance Awareness Week
- | Reservation Policy Implementation
- | Technological Consultancy Services
- | Visitors
- | Visits Abroad



Other Activities & Events in Numbers

Civil Engineering Infrastructure = Rs. **2671.00**;

RTI Applications= **32** ; Books Procured = **743**;

Journals Subscribed = **113**; New Staff Recruited - Regular = **5**;

New Staff Recruited - Contract = **141**; Staff Promotion = **8**;

Staff Retirement = **2**; Technological Consultancy Services = **8**;

Distinguished Visitors = **45**; Visits Abroad = **6**

Other Activities and Events

Other activities that are being carried out at the Institute include library and information services, technological consultancy services, material development activities, infrastructure development, personnel and financial management. The details of the activities carried out during the reporting year are given below.

Infrastructure Development and Maintenance

The infrastructure development and maintenance activities of the institute are being carried out mainly by the Department of Electronics and the Engineering and Horticulture sections.

Electronic and I.T. Infrastructure

The electronic, electrical and I.T. infrastructure development and maintenance activities of the institute are being carried out by the Department of Electronics. The institute spent Rs. 83.3007 lakhs towards this during the reporting year and the major developmental activities completed include (a) design and development of asset management system, and (b) installation of Digital EPABX system.

Civil Engineering Infrastructure

The engineering section completed 03 major construction works worth Rs. 2601.87 lakhs during the reporting year, which include the construction of knowledge park with a seminar hall and class rooms, forty eight nos. of type II and type III staff quarters and audiometric block. Also, the section completed 37 minor works worth Rs. 69.66 lakhs during the reporting year.



Knowledge park building nearing completion

Garden and Landscape Development

The Horticulture Section has been carrying out the development and maintenance of gardens, lawns and other landscaping works in the institute campus. The gardens spread across the campus are enriched with herbs, shrubs, climbers, creepers and trees of perennial nature.



Garden

The major activities carried out by the section during the period include: (a) development of 4700 sq. ft. of shaded lawn in the main campus, (b) development of 4585 sq. mtrs. of lawn for cricket ground at Panchavati Campus, (c) 800 nos. of various varieties of indoor and outdoor ornamental plants, and (d) development of 4000 annual flowering plants in pots.

The Section represented the institute in the Dasara Horticultural Flower Show, 2013, organized by the Department of Horticulture, Government of Karnataka, at Curzon park, Mysore and won 17 First prizes, 4 Second prizes for arranging various types of flower groups and won 5 First prizes for well garden maintenance and growing various flowers in pots and beds at the institute premises.

Implementation of Right to Information Act, 2005

The institute has been implementing the Right to Information Act, 2005 in best of spirit. The details of

the RTI related queries received and disposed of during the reporting year are given in table 36. Also, the Institute suo-moto published various information on its policies & procedures on the

official website thereby reducing the need for invoking the provisions of the Act for seeking information by the public. The details are given in table 36.

Table 36: RTI applications

No. of applications received as transfer from other PAs u/s 6(3)	Received (including cases transferred to other PAs)	No. of cases transferred to other PAs u/s 6(3)	Decisions where requests/ appeals rejected	Decisions where requests/ appeals accepted	First Appeal received	Registration Fee Collected (in Rs.) u/s 7(1)	Addnl Fee Collected
8	14	-	-	22	-	140	-
1	5	-	-	6	1	50	-
12	10	-	1	21	-	100	58
3	3	-	-	6	1	20	118
24	32	0	1	55	2	310	176

Library and Information Services

The following library and Information services and activities were carried out during the reporting year.

Acquisition of Information Resources

Totally 743 print books were purchased during the reporting year making the total collection to 19776. In addition, 113 Journals, both in print and electronic format, were subscribed and 83 research reports were added to the In-house Digital Repository. Also, the Institute received more than 2700 e-journals as a part of ERMED consortium of the Ministry of Health and Family Welfare and more than 90,000 e-books and 3000 e-journals as a part of NLIST service of the Information and Library Network, University Grants Commission, Govt. of India.

Information Services

The various information services provided during the reporting year include book lending, reference, current awareness, Internet, online public access catalogue, web portal based CD-ROM access, online database and VPN based resource access to the DHLS centres and plagiarism detection services.

Orientation / Training Programmes

The newly admitted students were oriented on various library resources and services. Also, the

staff and students were trained in using Turnitin, the anti-plagiarism software.

New Services / facilities Launched

A Language Laboratory was opened for improving the English language communication skills of the students during the reporting year. In addition, a Remote Access Information Service and an Online News clipping Information service were also initiated.

Material Development Activities

Department of Material Development assisted in creating materials for the public on prevention, identification and management of various communication disorders. In addition, it also assisted in producing materials on various rights and welfare measures available for individuals with communication disorders, design and printing of invitation cards for Institute events and the certificates issued for various purposes.

The details of various materials developed during the reporting year are given in table 37.

Table 37: Material development activities

S.No.	Particulars	Number
1.	Designing/ Editing	
	a. Brochures & Pamphlets	20
	b. CD cover	16
	c. Logo	08
	d. Photo editing	04
	e. Certificates	10
	f. Sketches	14
	g. Posters	05
	h. Invitation	10
	i. Building layout	04
	j. Image editing	03
2.	Photo Coverage	28
3.	Video coverage	61
		12
4.	Printing	
	A3 size paper	2650
	A4 size paper	6569
5.	Scanning	23
6.	Mural	01

Observation of Vigilance Awareness Week

In pursuance to the directives issued by the Central Vigilance Commission, Govt. of India, Vigilance Awareness Week was observed at the Institute from 28th October to 2nd November, 2013. Various activities and competitions such as oath taking by staff and students, displaying posters and slogans and debates on anti-corruption were held to mark the occasion.



Prize distribution during vigilance week

Personnel Management

New Recruitment

Five regular staff were recruited during the reporting year and with this, the regular staff strength of the institute became 184 which includes

49 Group 'A', 60 Group 'B', 43 Group 'C' and 28 multitasking staff. In addition, 141 contract staff were also recruited. With this, the total staff strength of the institute by the end of the reporting year was 325 excluding the outsourced contract staff for housekeeping, gardening and security.

Promotions

There were five promotions under Assessment Promotion Scheme, and three regular promotion during the reporting year. Under the Assessment Promotion Scheme, Dr. H. Sundararaju, was promoted to the post of Professor in the scale of pay Rs. 37400-67100+GP Rs. 8700 and Dr. K. Yeshoda, Dr. Sandeep, M., Dr. Jayashree C. Shanbal and Dr. N. Swapna to the post of Reader in the scale of pay Rs. 15600-39100 + GP Rs. 6600. Also, Mr. S. Mallaiah, Mr. B. Suresh and Mr. L. Premkumar were promoted to the post of Upper Division Clerk. Also, four canteen staff were regularized during the reporting year.

Completion of 25 Years in Services

Two staff members, Dr. Asha Yathiraj, Professor of Audiology and Mr. Mahadeva, Mali completed 25 years of service during the reporting year. They were felicitated by Dr. S. R. Savithri, Director and Sri. K.L. Jayaram, Senior General Manager, BSNL with a shawl and a plaque of honour with inscription, during the annual day celebrations on 9th August, 2013.

Retirement/ Repatriation/ Resignation

Two staff members were retired and two resigned from the regular service during the reporting year. Also, one staff died while in service.





Felicitation of the retired staff

Purchase of Equipments

The institute also strengthened its infra- structure by procuring 96 sophisticated tools and instruments and by upgrading the existing scientific equipments. A total amount of Rs. 2.27 crores was spent towards the purchase of equipments during the reporting year.

Reservation Policy Implementation

The Institute being an autonomous body under the administrative control of Ministry of Health & Family Welfare, Govt. of India, the orders of Government providing reservations for Scheduled Castes and Scheduled Tribes in matters relating to recruitment and promotions are fully applicable. The details the implementations of reservation policy of the Government of India at the institute during the reporting year are given below.

Orders on concessions such as age relaxation in recruitment and in payment of application fees, etc., were extended to the candidates belonging to SC and ST categories in recruitment during the reporting year.

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

An officer belonging to Group 'A' was appointed as Liaison Officer to monitor, coordinate and to aid and advise Director in matters related to implementation of the reservation policy of Govt. of India and also look into grievances from the employees belonging to these categories.

The break-up of sanctioned strength filled up therein and the staff belonging to SCs and STs as on 31st March, 2014 are given in table 38 and table 39.

Table 38: Academic/ technical positions

Group	Sanctioned Strength	In position	SC & ST
Group A	52	47	SC-07 ST-04
Group B	56	52	SC-03 ST-03
Group C	24	23	SC-04 ST-01

Table 39: Nontechnical /administrative positions

Group	Sanctioned Strength	In position	SC & ST
Group A	03	02	-
Group B	09	08	-
Group C	28	21	SC-04
Group C (MTS)	30	31	SC-11 ST-01

The number of scheduled caste and scheduled tribe students admitted to various academic programmes offered by the institute during the reporting year are given in table 40.

Table 40: Students admitted

Courses	SC	ST	Total
Undergraduate	7	3	10
Postgraduate	7	3	10
Diploma*	21	5	26
Total	35	11	46

*12 DHLS study centres

The Academic staffs belonging to SC/ST categories were encouraged to participate in research activities and also to present papers in seminars and to attend workshops, seminars, etc. They were

also encouraged to publish their research papers in journals of repute.

Technological Consultancy Services

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

1. Noise measurement of Patient Monitoring System received from M/s. Skanray Systems Pvt. Ltd, Mysore on 29th April, 2013
2. Calibration of Inventis make, two channel diagnostic audiometric model Harp Plus received from M/s Pika Medical Pvt. Ltd , Bangalore
3. Sound analysis of different alarming tone generated by System for measuring urine volume and bladder temperature, designed and developed by M/s. L & T Ltd.
4. Sound analysis of different types of work execution tones generated by High frequency X- ray imaging system designed by Skanray Technologies Pvt. Ltd., Mysore.
5. Calibration of clinical audiometer received from PICA medicals, Bangalore.
6. Acoustic measurement of output from speaker module of L & T IES Ltd., Hebbal Industrial Area, Mysore on 13th January, 2014.

In addition, the Department of Speech Language Sciences carried out forensic speaker verification of nine samples received from different Karnataka State Police Stations and Lokayukta Police in Bangalore and Karwar.

Visitors

A large number of distinguished scholars in the field of communication disorders and allied fields, and distinguished personalities in public life both from India and abroad visited the institute during the reporting year. A few among them are given in table 41.

Table 41: Distinguished visitors

S.N.	Name	Date
1.	Dr. Joseph C. Stemple, Professor, Division of Communication Sciences & Disorders, University of Kentuck, U.K.	18.4.13
2.	Dr. P. Venkatamaiah Ex. Vice-Chancellor, Kuvempu University, Shimoga	05.06.13 to 07.06.13
3.	Dr. Jayaraj Prof. of Microbiology, Karnatak University, Dharwad	05.06.13 to 07.06.13
4.	Dr.Shakunthala Kate Ex-registrar, Bangalore University, Bangalore	05.06.13 to 07.06.13
5.	Dr. Balasubramaniam Professor of Geology, University of Mysore	06.06.13 to 07.06.13
6.	Ms. Sanyukta Jaiswal, Assistant Professor, Galludet University, Washington DC	11.6.13
7.	Namita Maunder Speech Language Pathologist and AAC Specialist, Newark Unified School District, USA	17.07.13
8.	Dr. M.G. Sreeekumar, Adjunct Professor, IIM Kozhikode	27.07.13
9.	Mr. Leigh Martin , Member, Board of Directors , British Academy of Audiology & Audiologist and International Clinical Trainer for the Interacoustics Academy	29.07.13
10.	Dr. Manjulakshi. L Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
11.	Dr. Geetha Kumari, V Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
12.	Dr. Sunetra Sholapurkar Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
13.	Mr. Suresh Kumar, Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
14.	Ms. Jhuni Mallick Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
15.	Dr. Soibam Rebika Devi Academic Consultant, National Translation Mission, Govt. of India	29.07.13 to 02.08.13
16.	Justice Santhosh Hedge Former Judge, Supreme Court of India	09.08.13
17.	Prof. M . G Krishnan Vice Chancellor, KSOU, Mysore	09.08.13
18.	Mr. Arun Chean Seti Member of Parliament	14.08.13
19.	Mr. Sreenivasa Prasad Revenue Minister, Govt. Of Karnataka	14.08.13
20.	Ms. Kamala H.S Session Court Judge, Mysore	14.08.13
21.	Prof. G N V Brahmmam, Scientist F& Former Director, National Institute of Nutrition, Hyderabad	24.09.13 to 26.09.13

22.	Mr. R.K.Ojha, Callipsonic, Anderi West, Mumbai	24.09.13 to 26.09.13
23.	Dr. Samuel Mathew, Executive Director, National Institute of Speech and Hearing, Trivandrum	24.09.13 to 26.09.13
24.	Mr. Jens Karasava Christensen, Product Engineer, Bruel & Kjaer, Denmark	24.09.13
25.	Dr.V. Rajendran, President, Acoustic Society of India	24.09.13
26.	Mr. C.K. Mishra Addl. Secretary, Govt. of India	04.10.13
27.	Dr. Namitha Jacob, Program Director, Chethana, Chennai, Tamil Nadu	29.10.13
28.	Mr. Arjun Kumar Setty Chairman, Railway Planning Commission, New Delhi	15.11.13
29.	Prof. Ulnikeschütte Speech Language Pathologist, University of Hannover, Germany	18.11.13
30.	Prof. Nagaraju Senior faculty, CSR- Centre of Excellence, New Delhi	12.12.13
31.	Dr. Mariana Rosyng Clinical Audiologist, Otometrics, Denmark	08.01.14
32.	Ms. H.S. Sreedevi Consultant Paediatric Audiologist, Townville Hospital, Brisbane, Australia	17.01.14
33.	Dr. Vinaya K.C. Manchaiah Senior Lecturer in Audiology, Anglia Ruskin University, Cambridge	17.01.14
34.	Dr. N. Sreekumaran Nair Prof. & Head, Dept. of Statistics, Manipal University	24.01.14
35.	Dr. Pradeep. B.S Associate Professor, NIMHANS, Bangalore	24.01.14
36.	Ms. Shruthi Gulvadi MEDEL India, Bangalore	25.01.14
37.	Mrs. Janani Jeyaraman Clinical Manager-Rehabilitation, MEDEL India, Bangalore	25.01.14
38.	Ms. Shobanam Clinical Specialist-Rehabilitation, MEDEL India, Bangalore	25.01.14
39.	Ms. Lois M. Heymann, Speech – Language Pathologist , New York, USA	18.02.14
40.	Mr. C. V. Ramaswamy Lead Auditor, Indian Register Quality Systems, Mumbai	25.02.14 to 26.02.14
41.	Mr. Nagaraj, Technical Expert, Indian Register Quality Systems, Mumbai	25.02.14 to 26.02.14
42.	Mr. N.P. N. Rao, Lead Auditor & Technical Expert, Indian Register Quality Systems, Mumbai	19.03.14 to 20.03.14
43.	Dr. Shantha Radhakrishnan Technical Expert, Indian Register Quality Systems, Mumbai	19.03.14 to 20.03.14
44.	Mr. Rajgopal, Auditor, Indian Register Quality Systems, Mumbai	19.03.14 to 20.03.14

45.	Mr. Abdul Kareem Director, Economic Advisory Council to the Prime Minister of India	27.03.14
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Visits Abroad

1. Ms. V. Ramya, Junior Research Fellow visited Budapest, Hungary to attend the 11th Congress of the European Federation of Audiology Societies on 19-22 June 2013.
2. Dr. Prawin Kumar, Lecturer in Audiology, visited Taiwan to attend the 9th Asian Pacific Conference on Speech, Language on 31st October- 3rd November, 2013.
3. Ms. Sindhusa Chandran, Project Officer visited Silicon Valley, California to attend IEEE-Global Humanitarian Technology – South Asia Satellite Conference – 2013 on October 22-23, 2013.
4. Dr. Asha Yathiraj, Professor of Audiology, visited Hong Kong, China to attend and present papers in International Conference on Recent Developments in Audiology on 30th November- 1st December, 2013.
5. Dr. Animesh Barman, Reader in Audiology, visited Institute of Medicine, Tribhuvan University, Kathmandu, Nepal to attend academic work from 31st December, 2013 to 3rd January, 2014.
6. Dr. N. Swapna, Lecturer in Speech Pathology, visited Institute of Medicine, Tribhuvan University, Kathmandu, Nepal to attend academic work from 31st December, 2013 to 3rd January, 2014.

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- | Finance Committee
- | Academic Subcommittee

Administration



Administration

The affairs of the institute are managed by an Executive Council with the Union Minister of Health and Family Welfare, Govt. of India as the Chairman and the Director of the institute as the Member Secretary. Finance Committee and Academic Committee are the other two administrative bodies of the institute which advise the Director on financial and academic matters, respectively. Also, the Institute is constituted of ten departments, various sections, cells and clinical units under the administrative leadership of the Director. In addition, many adhoc committees are being setup for various purposes. The details of the Executive Council, Standing Finance Committee and Academic Sub Committee of the Institute are given below.

Authorities of the Institute

Executive Committee	Finance Committee	Academic Subcommittee
Chairperson 1. Hon'ble Minister for Health & Family Welfare Govt. of India New Delhi Vice-Chairperson 2. Hon'ble Minister for Health & Family Welfare, Govt. of Karnataka, Bangalore Members 3. Secretary Ministry of Health & Family Welfare, Govt. of India New Delhi 4. Director General of Health Services, Govt. of India Ministry of Health and Family Welfare, New Delhi 5. Additional Secretary (H) Govt. of India Ministry of Health and Family Welfare, New Delhi	Chairperson 1. Additional Secretary (H) Govt. of India Ministry of Health & Family Welfare, New Delhi Members 2. The Director General of Health Services, Ministry of Health & Family Welfare, New Delhi 3. Additional Secretary (FA) Govt. of India Ministry of Health & Family Welfare, New Delhi 4. Joint Secretary (H) Govt. of India Ministry of Health & Family Welfare, New Delhi 5. Secretary, Health & Family Welfare, Govt. of Karnataka Department of Health and Family Welfare, Bangalore	Chairperson 1. Shri J. Shashidhar Prasad Vice Chancellor Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam Anantapur, Andhra Pradesh Members 2. Dr. G.K Sharma Deputy Director General (M) Directorate General of Health Services, Govt. of India New Delhi 3. Dr. A.K. Agarwal Dean & Director, MAMC Additional Director General Govt. of India, New Delhi 4. Director of Medical Education Govt. of Karnataka Bangalore 5. Prof. H.A. Ranganath Former Director National Assessment and Accreditation Council (NAAC) Bangalore

Executive Committee		Finance Committee	Academic Subcommittee
6.	Additional Secretary and FA Govt.of India Ministry of Health & Family Welfare, New Delhi	Member-Secretary 6. Dr. S.R. Savithri Director All India Institute of Speech and Hearing, Mysore	6. Nominee of Vice Chancellor University of Mysore Mysore
7.	Joint Secretary (H) Govt.of India, Ministry of Health & Family Welfare, New Delhi		7. Dr. H. Sudarshan 4 th T Block Jayanagar, Bangalore
8.	Joint Secretary (DD) Govt.of India Ministry of Social Justice and Empowerment New Delhi		8. Prof. Shobini Rao Professor (Rtd.) Dept. of Clinical Neuro- Psychology, NIMHANS Bangalore
9.	Vice-Chancellor University of Mysore Mysore		Three Heads of Departments of AIISH
10	Secretary Govt. of Karnataka Dept. of Health and Family Welfare, Bangalore		9. Dr. Asha Yathiraj Professor of Audiology & HOD, Material Development AIISH, Mysore
11	Director of Medical Education Govt. of Karnataka Bangalore		10. Dr. K.C. Shyamala Professor of Language Pathology &HOD, Speech-Language Pathology, AIISH, Mysore
12	Padmashri Dr. J M Hans Chairman, ENT & Cochlear Implant Centre, B L Kapur Memorial Hospital New Delhi		11. Dr. R. Manjula Professor of Speech Pathology & HOD, CREDM AIISH, Mysore
13	Prof. V U Nandur Prof. & HOD - Speech Pathology and Audiology Chief Speech Pathologist and Audiologist, Speech and Hearing Centre, Govt. ENT Hospital Hyderabad		Member-Secretary
14	Dr. B. Rajashekar Dean & Professor, COAHS Manipal Academy of Higher Education, Manipal, Karnataka		12. Dr. S.R. Savithri Director All India Institute of Speech and Hearing, Mysore
Member-Secretary			
15	Director All India Institute of Speech and Hearing, Mysore		

Five Years' Key Statistics

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- | Research Accomplishments
- | Clinical Care
- | Allied Health & Medical Speciality Services
- | Outreach Services
- | Public Education
- | Other Activities & Events



Five Years' Key Statistics

Learning and Teaching					
Category	2009-10	2010-11	2011-12	2012-13	2013-14
Academic Programmes Offered	13	14	14	14	14
Students Admitted	374	362	369	339	329
Total Student Strength	566	586	614	631	614
Guest Lectures	4	13	8	10	15
Orientation/ Short term training	30	47	102	120	129
Workshops/ Seminars	21	17	27	24	30
Invited Talk by Faculty & Staff	96	112	117	142	145
No. of Faculty					
Total	30	53	50	55	59
Professors	10	9	11	14	14
Readers	6	9	8	6	11
Lecturers	14	35	31	35	34
Research Accomplishments					
	2009-10	2010-11	2011-12	2012-13	2013-14
Completed Funded Projects					
Extramural	3	4	1	1	1
Intramural	5	14	21	37	42
New / Ongoing Funded Projects					
Extramural	4	4	7	8	7
Intramural	16	58	75	58	41
Completed Doctoral Research	6	6	7	7	7
Ongoing Doctoral Research	23	29	50	42	39

Completed Postgraduate Research	49	71	89	71	61
Ongoing Postgraduate Research	74	89	71	61	66
International Conference Presentations	13	12	31	15	34
National Conference Presentations	36	44	35	44	39
International Journal Articles	12	13	11	15	55
National Journal Articles	30	45	36	40	42
Books/ Book Chapters	24	16	9	17	17
Clinical Care					
	2009-10	2010-11	2011-12	2012-13	2013-14
Patient Registration	47370	50560	47756	50906	56386
New Cases	18916	19607	19382	21006	20896
Repeat Cases	28454	30953	28374	29900	35490
Speech & Language Assessment	7282	6940	7370	8161	8007
Speech & Language Therapy	5566	6286	5565	5945	6250
Hearing Evaluation	12209	11063	11365	13572	13734
Hearing Aid Trial	8174	10597	8927	10594	11003
Ear Moulds Made	2804	3247	4424	6151	10315
Psychological Assessment	5331	5577	6509	6494	6260
Otorhinolaryngological Assessment	30815	31623	33895	36910	39388
Specialised Clinical Units	5	7	9	12	13
Pre-School Admission	141	223	198	204	221

Distribution of Hearing Aids					
ADIP Scheme	4660	5438	1702	2686	3358
AHAD Scheme	851	996	1300	1711	1530
Allied Health & Medical Speciality Services					
	2009-10	2010-11	2011-12	2012-13	2013-14
Physiotherapy	569	1148	811	904	819
Occupational Therapy	702	1162	1650	1102	845
Neurology Consultancy	449	539	499	560	651
Paediatric Consultancy	281	348	347	253	342
Phono surgery Consultancy	17	67	22	36	192
Plastic Surgery Consultancy	123	149	166	182	177
Prosthodontic Consultancy	57	71	27	14	05
Orthodontic Consultancy	40	63	45	45	33
Outreach Services					
	2009-10	2010-11	2011-12	2012-13	2013-14
Infant Screening at Mysore City Hospitals/ Outreach Service Centres	12416	12997	13031	14920	15119
Newborn Screening at DHLS centres	-	-	-	6672	13602
Industrial Screening	-	132	132	17	367
School Screening	-	-	401	855	520
Communication Disorder Screening Camps	15	13	5	19	9
Clinical Cases at Outreach Service Centres	-	4461	2872	4078	4447
Tele Intervention	-	202	215	163	212

	Public Education				2013-14
	2009-10	2010-11	2011-12	2012-13	
Monthly Public Lectures	12	12	12	12	12
Public Education Materials	10	17	29	40	41
	Other Activities & Events				2013-14
	2009-10	2010-11	2011-12	2012-13	
Civil Engineering Infrastructure (Rs. In lakhs)	493.5	200	626.74	36.78	2671
Books Procured	559	741	843	635	743
Journals Subscribed	69	64	106	109	113
New Staff Recruited					
Regular	5	43	9	9	5
Contract	99	163	162	196	141
Staff Promotion/Regularization	5	2	7	17	12
Retirement	3	6	7	4	2
Technological Consultancy Service	11	3	6	6	8
Distinguished Visitors	11	18	28	16	45
Visits Abroad	2	2	2	7	6
Technical equipments purchased	99	134	63	101	96

Financial Statements

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- | Income and Expenditure Account
- | Internal Revenue
- | Salaries and Allowances
- | Sponsored Programmes and other schemes
- | Auditor's Reports



Financial Statements

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Balance Sheet as at 31st March 2014

Liabilities	Amount			
	Current year		Previous Year	
	Rs.	Ps.	Rs.	Ps.
Capital Fund				
Balance as on 1.4.2013	1,19,48,36,516.84			
ADD: Donation received for purchase of books		10,000.00		
ADD: Amount transferred from Income and Expenditure account	30,57,35,689.50			
Closing balance			1,50,05,82,206.34	1,19,48,36,516.84
Funds (Schedule-A)			28,62,25,006.37	23,63,60,474.57
Deposits and advances of Outside Parties (Schedule-B)			59,48,588.00	55,43,644.00
Remittances account (Schedule-C)			3,49,745.09	3,76,850.09
Other liabilities (Schedule-D)			1,54,58,839.00	2,11,45,320.00
Sponsored Programmes and other schemes (Schedule-E)			5,88,52,130.07	4,30,26,982.07
ADIP Scheme (GOI, Ministry of Social Justice and Empowerment (Schedule - J)			88,54,033.36	1,41,69,321.36
Total			1,87,62,70,548.23	1,51,54,59,108.93

V. V. Vaid
Accounts Officer

Srinivasan
Admn. Officer

Srinivasan
Director

For P. S & Co.,
Chartered Accountants



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

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Balance Sheet as at 31st March 2014

Assets	Amount			
	Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.
Fixed and other assets (Schedule-F)	78,11,79,268.20		73,00,54,054.20	
Advances to staff (Schedule-G)	22,69,464.00		23,91,786.00	
Sundry debtors for Deposits and Advances (Schedule-H)	69,17,84,883.33		40,13,21,901.83	
Investments (Schedule-I)	26,53,10,000.00		21,23,05,000.00	
GOI. Min. of Social Justice and Empowerment (Schedule-J)	88,54,033.36		1,41,69,321.36	
Closing balance: Cash on hand	1,65,897.87			
Cash at Bank: BOB SB A/c. 664	12,63,11,001.47			
Amount due from ADIP Scheme	3,96,000.00		12,68,72,899.34	15,52,17,045.54
Total			1,87,62,70,548.23	1,51,54,59,108.93

V. V. Vaid
Accounts Officer

Srinivasan
Admn. Officer

Srinivasan
Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Income and Expenditure Account for the year ended 31st March 2014

Sl. No.	Expenditure	Non-plan		Plan		Total		Previous year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Salaries and allowances (Annexure-2)	6,82,21,075.00		2,86,62,947.00		9,68,84,022.00		9,01,59,193.00	
	ADD: Outstanding 2013-14	68,18,940.00		29,95,859.00		98,14,799.00		95,26,210.00	
2.	Salaries - Contractual staff	0.00		1,08,35,859.00		1,08,35,859.00			
	ADD: Outstanding	0.00		10,87,485.00		10,87,485.00			
3.	Salaries- Contractual staff -DHLS	0.00		1,04,47,257.00		1,04,47,257.00		72,73,958.00	
	ADD: Outstanding 2013-14	0.00		10,48,032.00		10,48,032.00		6,72,751.00	
4.	Medical charges	8,85,611.00		1,068.00		8,86,679.00		16,40,929.00	
5.	Stipend/Fellowship	53,85,463.00		58,095.00		54,43,558.00		67,96,310.00	
	ADD: Outstanding 2013-14	5,88,465.00		0.00		5,88,465.00		6,46,322.00	
6.	Travelling allowances : Actuals	12,37,674.00		4,32,786.00		16,70,460.00		12,01,144.00	
7.	Leave Salary and Pension Contribution to Deputationist	2,006.00		0.00		2,006.00		69,787.00	
8.	Institute's contribution to funds:								
a)	Contributory provident fund	30,160.00		0.00		30,160.00		29,280.00	
b)	AIISH Pension Fund	23,62,000.00		0.00		23,62,000.00		22,97,900.00	
c)	Contributory Pension Fund Tier-I	32,55,033.00		0.00		32,55,033.00		27,57,091.00	
d)	Internal Revenue Transferred to AIISH pension fund	4,23,51,522.80		0.00		4,23,51,522.80		4,17,45,165.50	
9.	Interest on funds:								
a)	Contributory Provident Fund	51,246.00		0.00		51,246.00		50,720.00	
b)	General Provident Fund	39,13,693.00		0.00		39,13,693.00		32,40,308.00	
10.	Professional service	5,08,675.00		2,15,500.00		7,24,175.00		4,54,787.00	
	ADD: Outstanding 2013-14	23,600.00		0.00		23,600.00		24,000.00	
11.	Other charges (Annexure-3)	2,86,69,788.50		2,88,24,449.00		5,74,94,237.50		7,41,95,283.80	
	ADD: Outstanding 2013-14	19,37,603.00		6,97,770.00		26,35,373.00		33,08,224.00	
12.	Contribution to AIISH Research Fund	0.00		2,00,00,000.00		2,00,00,000.00		2,00,00,000.00	
13.	Contributions to Clients Welfare Fund	0.00		25,00,000.00		25,00,000.00		25,00,000.00	
14.	Grants in aid to DHLS Programme	0.00		8,22,199.00		8,22,199.00		5,63,177.00	
15.	Grant in aid to Karuna Trust	0.00		9,67,972.00		9,67,972.00		5,00,200.00	
Total		16,62,42,555.30		10,95,97,278.00		27,58,39,833.30		26,96,52,740.30	

[Signature]
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Income and Expenditure Account for the year ended 31st March 2014

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								
a. Grant in aid General	4,63,70,000.00		8,07,00,000.00		12,70,70,000.00			
b. Grant in aid Salaries	7,77,46,000.00		7,04,86,000.00		14,82,32,000.00			
c. Grant in aid Capital Assets		0.00	26,39,22,000.00		26,39,22,000.00			
Total	12,41,16,000.00		41,51,08,000.00		53,92,24,000.00		35,55,60,409.00	
Less: Amount transferred to Capital Fund					30,57,35,689.50		12,77,11,274.20	
Amount of revenue expenditure out of grant					23,34,88,310.50		22,78,49,134.80	
Reimbursement of leave salary of deputationist					0.00		58,440.00	
Internal revenue and other receipts (Annexure I)					4,23,51,522.80		4,17,45,165.50	
Total					27,58,39,833.30		26,96,52,740.30	

V. V. Vaid
Accounts Officer

Sankarabham
Admn. Officer

Srinivas
Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002487 B



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Receipts and Payments Account for the year ended 31st March 2014

Receipts	Current year		Previous year	
	Rs.	Ps.	Rs.	Ps.
Opening balance: Cash on hand		44,225.37		
Cash at Bank: BOB SB A/c. 664	15,49,04,923.17			
Amount due from ADIP Scheme	2,67,897.00		15,52,17,045.54	
Total				13,20,02,007.28
1. Grant in aid from Ministry of Health & F.W				
a. Grant in aid General Non-Plan	4,63,70,000.00			
b. Grant in aid Salaries Non-Plan	7,77,46,000.00			
c. Grant in aid General-Plan	8,07,00,000.00			
d. Grant in aid Salaries	7,04,86,000.00			
e. Grant in aid Capital Assets	26,39,22,000.00		53,92,24,000.00	
Total				35,55,60,409.00
2. Other receipts towards:				
a) Internal revenue and other receipts (Annexure I)		4,23,51,522.80		4,17,45,165.50
b) Reimbursement of leave salary of deputationist		0.00		58,440.00
c) Remittances and Other Accounts (Annexure 4)		1,69,76,068.40		1,25,43,372.50
d) Sponsored Programmes and other schemes (Schedule E)		3,10,73,611.00		2,61,96,169.00
e) Recoveries (Schedule F)		4,21,556.00		2,74,062.00
f) Funds (Schedule A)		3,80,80,153.00		3,59,13,590.00
g) Deposits and Advances of Outside Parties (Schedule B)		37,09,516.60		25,44,623.00
h) Advances to staff (Schedule G)		27,89,349.00		24,39,250.00
i) Sundry Debtors for Deposits and advances (Schedule H)		25,54,99,080.00		37,94,46,221.50
j) Investments (Schedule I)		70,00,000.00		4,25,00,000.00
k) Capital Fund - Donations received for purchase of books		10,000.00		4,06,368.85
Total		1,09,23,51,902.34		1,03,16,29,678.63

V. V. Vaid
Accounts Officer

Sankarabham
Admn. Officer

Srinivas
Director

For P. S &
Chartered Accounts

(P. Srinivasa)
Proprietor, M. No : 02
Firm Reg No : 00248



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Receipts and Payments Accounts for the year 31st March 2014

SL No.	Payments	Non-plan		Plan		Current year		Previous Year	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
A. RECURRING EXPENDITURE									
1. Salaries and Allowances (Annexure-2)		6,82,21,075.00		2,86,62,947.00		9,68,84,022.00		9,01,59,193.00	
2. Salaries - Contractual Staff		0.00		1,08,35,859.00		1,08,35,859.00		0.00	
3. Salaries- Contractual staff -DHLS		0.00		1,04,47,257.00		1,04,47,257.00		72,73,958.00	
4. Medical charges		8,85,611.00		1,068.00		8,86,679.00		16,40,929.00	
5. Stipend/Fellowship		53,85,463.00		58,095.00		54,43,558.00		67,96,310.00	
6. Travelling allowance		12,37,674.00		4,32,786.00		16,70,460.00		12,01,144.00	
7. Leave salary and pension contribution to the deputationist		2,006.00		0.00		2,006.00		69,787.00	
8. Institute's contribution to funds									
a) Contributory Provident Fund		30,160.00		0.00		30,160.00		29,280.00	
b) AIISH Pension Fund		23,62,000.00		0.00		23,62,000.00		22,97,900.00	
c) Contributory Pension Fund Tier -I		32,55,033.00		0.00		32,55,033.00		27,57,091.00	
9. Interest on Funds									
a) Contributory Provident Fund		51,246.00		0.00		51,246.00		50,720.00	
b) General Provident Fund		39,13,693.00		0.00		39,13,693.00		32,40,308.00	
10. Professional services		5,08,675.00		2,15,500.00		7,24,175.00		4,54,787.00	
11. Other charges (Annexure-3)		2,86,69,788.50		2,88,24,449.00		5,74,94,237.50		7,41,95,283.80	
12. Contribution to AIISH Research Fund		0.00		2,00,00,000.00		2,00,00,000.00		2,00,00,000.00	
13. Contributions to Clients Welfare Fund		0.00		25,00,000.00		25,00,000.00		25,00,000.00	
14. Grants in aid to DHLS Programme (outside centres)		0.00		8,22,199.00		8,22,199.00		5,63,177.00	
15. Grant in aid to Karuna Trust		0.00		9,67,972.00		9,67,972.00		5,00,200.00	
16. Other Liabilities(Schedule D)		1,02,08,538.00		1,06,75,697.00		2,08,84,235.00		1,18,13,704.00	
B. NON-RECURRING EXPENDITURE									
1. Fixed and other assets / gift equipment (Schedule-F)		0.00		5,15,46,770.00		5,15,46,770.00		4,70,45,929.00	
2. Funds (Schedule -A)		0.00		0.00		3,05,67,144.00		4,02,58,043.00	
3. Deposits and advances of outside parties(Schedule - B)		0.00		0.00		33,04,572.60		53,81,706.00	
4. Remittances and other accounts (Annexure - 4)		0.00		0.00		1,70,03,173.40		1,25,55,823.50	
5. Sponsored programmes and other scheme (Schedule-E)		0.00		0.00		1,52,48,463.00		1,59,57,804.55	
6. Advances to staff (Schedule-G)		0.00		0.00		26,67,027.00		32,82,925.00	
7. Deposits/Advance to contractors/suppliers(Schedule-H)		0.00		0.00		54,59,62,061.50		45,63,86,630.24	
8. Investment (Schedule-I)		0.00		0.00		6,00,05,000.00		7,00,00,000.00	
Total		12,47,30,962.50		16,59,90,599.00		96,54,79,003.00		87,64,12,633.09	
Closing balance: Cash on hand		1,65,897.87							
Cash at Bank: BOB SB A/c. 176		12,63,11,001.47							
Due from ADIP Scheme		3,96,000.00				12,68,72,899.34		15,52,17,045.54	
Total						1,09,23,51,902.34		1,03,16,29,678.63	

V. V. Vaid
Accounts Officer

S. S. Srinivasan
Admn. Officer

S. S. Srinivasan
Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Annexure - 1

Details of Internal Revenue 2013-14

Sl. No.	Head of Account	Credits / Receipts	
		Rs.	Ps.
1.	Admission Fee (H)	13,550.00	
2.	Admission Fee (I)	64,25,292.00	
3.	Admission Fee (preschool)	3,700.00	
4.	Application Fees	5,96,577.00	
5.	Auction Proceeds	4,660.00	
6.	Certificate Fee (C)	7,90,020.00	
7.	Certificate Fee(S)	11,59,820.00	
8.	Certificate for Parents	6,075.00	
9.	C.I.Mapping	4,12,000.00	
10.	Dharmashala Kuteera Charges	2,65,638.00	
11.	Depreciation Charges	10,840.00	
12.	Email/Internet Fee/Computer fees	2,88,150.00	
13.	Establishment Charges	4,06,500.00	
14.	Guest House Rent	2,35,000.00	
15.	Hostel Rent	1,95,120.00	
16.	Infrastructure Assistance (others)	33,578.00	
17.	Infrastructure Assistance (ADIP)	3,96,000.00	
18.	Interest on Advances	37,140.00	
19.	Interest on Investment of GPF/CPF	30,45,305.00	
20.	Interest on House Building Advance	16,680.00	
21.	Interest on Investments	1,66,94,598.00	
22.	Interest of SB A/c	49,17,779.00	
23.	Interest on Contributory Pension Fund Bank a/c	91,437.00	
24.	Library Membership/Card fee	1,74,835.00	
25.	License Fee	3,05,484.00	
26.	Laboratory Facility	5,02,400.00	
27.	Miscellaneous Income	15,35,274.20	
28.	Orientation/Short Term Course Fee	19,000.00	
29.	Registration fee	5,19,000.00	
30.	Sale of journal/Syllabus/Prospectus	1,95,424.00	
31.	Sanitary Charges	27,100.00	
32.	Technical Consultancy Services	1,16,312.00	
33.	Tender Form Fee	52,711.60	
34.	Therapy Charges	6,58,440.00	
35.	Tuition Fee	3,08,150.00	
36.	Vehicle Hire Charges	4,375.00	
37.	Water/Cleaning Charges(quarters)	68,678.00	
38.	Rent of Xerox room	18,000.00	
39.	Consumable Earmould	9,75,845.00	
40.	Consumable Spares	4,86,709.00	
41.	Sale of Hearing aids	3,32,426.00	
42.	Summer Camp	5,900.00	
Total		4,23,51,522.80	


Accounts Officer


Admn. Officer


Director

For P. S & Co.,
Chartered Accountants



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

Details of Salaries and Allowances 2013-14

SL. No.	Particulars	Non-Plan		Plan		Total	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Salaries Establishment	2,54,50,114.00		0.00		2,54,50,114.00	
2.	Salaries Officers	4,43,32,090.00		3,05,12,992.00		7,48,45,082.00	
3.	Salaries(contract staff)	19,74,460.00		0.00		19,74,460.00	
4.	EL Encashment – Establishment	8,27,776.00		0.00		8,27,776.00	
5.	EL Encashment – Officers	3,49,321.00		0.00		3,49,321.00	
6.	Children educational assistance	6,43,977.00		0.00		6,43,977.00	
7.	Leave Travel Concession	8,73,329.00		5,72,744.00		14,46,073.00	
	Total	7,44,51,067.00		3,10,85,736.00		10,55,36,803.00	
	(-) Outstanding expenses 2012-13	62,29,992.00		24,22,789.00		86,52,781.00	
	Total	6,82,21,075.00		2,86,62,947.00		9,68,84,022.00	

[Signature]
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



Details of Other Charges 2013-14

Sl. No.	Particulars	Non-Plan		Plan		Total	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Advertisement	32,98,016.00		8,96,237.00		41,94,253.00	
2.	Affiliation Fees	7,02,580.00		3,35,610.00		10,38,190.00	
3.	Anniversary Expenses	3,26,608.00		0.00		3,26,608.00	
4.	Audit fees	10,877.00		0.00		10,877.00	
5.	Camp Expenditure	10,140.00		0.00		10,140.00	
6.	Consumable (EM)	19,71,997.00		9,97,500.00		29,69,497.00	
7.	Consumable (General)	11,08,994.00		35,07,122.00		46,16,116.00	
8.	Consumable(Spares)	3,70,223.00		0.00		3,70,223.00	
9.	Contingences	6,19,856.00		8,27,072.00		14,46,928.00	
10.	Development of campus	0.00		17,03,496.00		17,03,496.00	
11.	Electricity charges	39,61,418.00		0.00		39,61,418.00	
12.	Entertainment	2,28,075.00		0.00		2,28,075.00	
13.	ISDN Connectivity charges	0.00		69,85,871.00		69,85,871.00	
14.	Grant in aid to AIISH Gymkhana	50,000.00		0.00		50,000.00	
15.	Legal charges	3,51,150.00		0.00		3,51,150.00	
16.	Maintenance of Building (Civil)	45,87,770.00		0.00		45,87,770.00	
17.	Maintenance of Building (Electrical)	7,83,187.00		0.00		7,83,187.00	
18.	Maintenance of Furniture	23,150.00		0.00		23,150.00	
19.	Maintenance of Garden	84,212.00		0.00		84,212.00	
20.	Maintenance of Guest House	186.00		0.00		186.00	
21.	Maintenance of TE/OE	4,75,281.00		54,06,340.00		58,81,621.00	
22.	Maintenance of Vehicle	3,35,395.00		0.00		3,35,395.00	
23.	Open day Celebration	0.00		1,19,033.00		1,19,033.00	
24.	Postage and Telegram	2,44,735.00		0.00		2,44,735.00	
25.	Printing and Stationery	10,87,723.50		6,43,207.00		17,30,930.50	
26.	Public Education & Publicity Information	0.00		35,42,889.00		35,42,889.00	
27.	Spares & Accessories	0.00		20,94,267.00		20,94,267.00	
28.	Rent / Rates / Taxes	1,79,789.00		0.00		1,79,789.00	
29.	Seminar / Symposia	0.00		10,63,720.00		10,63,720.00	
30.	Short Term Course Fees	0.00		41,136.00		41,136.00	
31.	Subscription to Journals / periodicals	1,09,970.00		0.00		1,09,970.00	
32.	Subsidy to Canteen	4,00,729.00		0.00		4,00,729.00	
33.	Summer Camp	39,736.00		0.00		39,736.00	
34.	Telephone Charges / Fax Charges	4,08,227.00		0.00		4,08,227.00	
35.	VIPs/Dignatories a/c	3,78,847.00		0.00		3,78,847.00	
36.	Water charges	45,316.00		0.00		45,316.00	
37.	Wages	93,55,562.00		0.00		93,55,562.00	
38.	Xerox charges	82,998.00		0.00		82,998.00	
39.	Teaching aids(con)	1,79,077.00		0.00		1,79,077.00	
40.	Contingency Grant (JRF)	1,66,188.00		0.00		1,66,188.00	
41.	Consumable (software)	0.00		6,60,949.00		6,60,949.00	
	Total	3,19,78,012.50		2,88,24,449.00		6,08,02,461.50	
	Less outstanding liability 2012-13	33,08,224.00		0.00		33,08,224.00	
	Total	2,86,69,788.50		2,88,24,449.00		5,74,94,237.50	


Accounts Officer


Admn. Officer


Director

For P. S & Co
Chartered Accountants

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



Details of Remittances and Other Accounts 2013-14

Sl. No.	Details	Payments		Recoveries	
		Rs.	Ps.	Rs.	Ps.
1.	AIISH Staff Club/Gymkhana	2,44,580.00		2,44,580.00	
2.	Awards	8,174.00		12,170.00	
3.	CTD/RD/CD recoveries	1,46,110.00		1,46,110.00	
4.	Examination Fee (UOM)	6,33,295.00		6,33,295.00	
5.	Examination Remuneration	80,728.00		80,728.00	
6.	GPF/CPF Deputationist	69,000.00		69,000.00	
7.	GSLIS	9,32,277.00		9,32,277.00	
8.	HBA Other (AIISH Staff)	3,31,032.00		3,31,032.00	
9.	Income tax	64,16,499.00		64,16,499.00	
10.	KGID/GIS	1,680.00		1,680.00	
11.	Labour Cess	1,20,968.00		1,20,968.00	
12.	LIC Premium	29,41,046.20		29,41,046.20	
13.	NSS	24,730.00		24,730.00	
14.	Communal Harmony	6,750.00		6,750.00	
15.	Professional Tax	7,94,400.00		7,94,400.00	
16.	Royalty	41,708.00		41,708.00	
17.	Sales Tax	8,15,333.20		8,15,333.20	
18.	Suspense account	14,63,726.00		14,30,985.00	
19.	University of Mysore	17,07,917.00		17,07,917.00	
20.	Unassessed dues	38,220.00		39,860.00	
21.	AIISH Alumni Association	1,85,000.00		1,85,000.00	
Total		1,70,03,173.40		1,69,76,068.40	

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Accounts Officer

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Admn. Officer

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Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006
Funds 2013-14

Schedule - A

Particulars	Contributory Provident Fund		General Provident Fund		Pension Fund		New Pension Fund - T1		Total	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Opening Balance as on 1.4.2013	6,41,387.00		4,25,84,291.00		19,21,93,462.57		9,41,334.00		23,63,60,474.57	
Receipts during the year:										
Subscriptions/recoveries	1,05,646.00		1,45,05,364.00		0.00		32,55,033.00		1,78,66,043.00	
Institutes contributions	30,160.00		0.00		23,62,000.00		32,55,033.00		56,47,193.00	
Interest on subscription	5,333.00		39,13,693.00		0.00		0.00		39,19,026.00	
Interest on contribution	45,913.00		0.00		0.00		0.00		45,913.00	
Interest on investment	0.00		0.00		1,06,01,978.00		0.00		1,06,01,978.00	
Amount transferred from Internal revenue	0.00		0.00		4,23,51,522.80		0.00		4,23,51,522.80	
Total receipts	1,87,052.00		1,84,19,057.00		5,53,15,500.80		65,10,066.00		8,04,31,675.80	
Payments during the year:										
Final payments /withdrawals /advances	1,22,548.00		1,01,46,923.00		0.00		0.00		1,02,69,471.00	
Remitted to Trustee Bank	0.00		0.00		0.00		63,69,950.00		63,69,950.00	
Payment of Gratuity	0.00		0.00		17,83,467.00		0.00		17,83,467.00	
Pension / Family Pension	0.00		0.00		1,14,59,366.00		0.00		1,14,59,366.00	
Commuted value of Pension	0.00		0.00		6,84,890.00		0.00		6,84,890.00	
Transferred to Capital Fund	0.00		0.00		0.00		0.00		0.00	
Total payments	1,22,548.00		1,01,46,923.00		1,39,27,723.00		63,69,950.00		3,05,67,144.00	
Closing balance as on 31.3.2014	7,05,891.00		5,08,56,425.00		23,35,81,240.37		10,81,450.00		28,62,25,006.37	

V. V. V. V.
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule - B

Deposits and Advances of Outside Parties 2013-14

Sl. No.	Particulars	Opening balance as on 01.04.2013		Receipts		Payments		Closing Balance as on 31.3.2014	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Caution Money Deposit	21,99,500.00		6,29,000.00		5,86,000.00		22,42,500.00	
2.	Contractors Security Deposit	16,87,006.00		18,41,415.00		12,00,016.00		23,28,405.00	
3.	Earnest Money Deposit	14,86,339.00		12,34,101.60		15,18,556.60		12,01,884.00	
4.	Endowment	1,70,799.00		5,000.00		0.00		1,75,799.00	
Total		55,43,644.00		37,09,516.60		33,04,572.60		59,48,588.00	

V. V. V. V.
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



Remittance Due 2013-14

Sl. No.	Particulars	Closing Balance	
		Rs.	Ps.
1.	Awards	34,660.09	
2.	Communal Harmony	8,790.00	
3.	Examination remuneration	1,728.00	
4.	Examination fee	985.00	
5.	NSS	12,000.00	
6.	Suspense account	88,004.00	
7.	University of Mysore	23,657.00	
8.	Unassessed dues	1,79,921.00	
Total		3,49,745.09	

V.V. Vaid
Accounts Officer

Srinivasan
Admn. Officer

Srinivasan S.R.
Director

For P. S & Co.,
Chartered Accountants

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



Other Liabilities 2013-14

Sl. No.	Particulars	Opening balance		(-) Debit		(+) Credit		Closing Balance	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Non-plan									
1.	Children Educational Allowance	3,89,208.00		3,89,208.00		0.00		0.00	
2.	Leave Travel Concession	45,015.00		45,015.00		0.00		0.00	
3.	Salaries and allowances	56,41,673.00		56,41,673.00		66,63,973.00		66,63,973.00	
4.	Salaries Contract posts	1,49,726.00		1,49,726.00		1,54,967.00		1,54,967.00	
5.	EL Encashment -Establishment	4,370.00		4,370.00		0.00		0.00	
6.	Stipend/scholarship	6,46,322.00		6,46,322.00		5,88,465.00		5,88,465.00	
7.	Payment to Professional Services	24,000.00		24,000.00		23,600.00		23,600.00	
8.	Other charges	35,69,309.00		33,08,224.00		19,37,603.00		21,98,688.00	
Total Non-plan		1,04,69,623.00		1,02,08,538.00		93,68,608.00		96,29,693.00	
Plan									
1.	Salaries & allowances	8,67,793.00		8,67,793.00		22,51,020.00		22,51,020.00	
2.	Salaries-OBC contract	15,54,996.00		15,54,996.00		7,44,839.00		7,44,839.00	
3.	Salaries-contractual staff	8,73,429.00		8,73,429.00		10,87,485.00		10,87,485.00	
4.	Salaries-contractual staff-DHLS	6,72,751.00		6,72,751.00		10,48,032.00		10,48,032.00	
5.	Other charges	0.00		0.00		6,97,770.00		6,97,770.00	
6.	Technical Equipment	10,01,192.00		10,01,192.00		0.00		0.00	
7.	Building Fixtures	5,41,500.00		5,41,500.00		0.00		0.00	
8.	Major work in progress	9,79,805.00		9,79,805.00		0.00		0.00	
9.	Minor work in progress	14,34,231.00		14,34,231.00		0.00		0.00	
10.	Vehicles	27,50,000.00		27,50,000.00		0.00		0.00	
Total Plan		1,06,75,697.00		1,06,75,697.00		58,29,146.00		58,29,146.00	
Total Liability		2,11,45,320.00		2,08,84,235.00		1,51,97,754.00		1,54,58,839.00	

U. V. Vaid
Accounts Officer

Santhosh Kumar
Admn. Officer

Srinivas S.R.
Director

For P. S & Co.,
Chartered Accountants

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



Sponsored Programmes and Other Schemes 2013-14

Sl. No	Particulars	Opening Balance	Receipts	Payments	Closing Balance
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
Sponsored Programmes					
1.	Master's Trainer Programme S.S.A	38,700.00	0.00	0.00	38,700.00
2.	DST Project -FIST PROGRAM	-3,07,639.00	3,07,639.00	0.00	0.00
3.	CME Programme from MCI	37,398.00	0.00	0.00	37,398.00
4.	National Seminar on Vocal Function-ICMR	-370.00	0.00	0.00	-370.00
5.	SSA Programme-Sensitizing teachers on academic problems	-23,01,278.00	23,70,291.00	69,013.00	0.00
6.	RCI Meet of All India Course coordinators	76,809.00	0.00	76,809.00	0.00
7.	DST Project- Brain Organization in Normative Multilingualism	15,248.00	0.00	15,248.00	0.00
8.	RCI Grant-Impact Evaluation of Training courses in Rehabilitation	-12,938.00	0.00	0.00	-12,938.00
9.	DST Project-Cortical Auditory Evoked Potentials as a measure of central auditory development in children with hearing impairment*	4,48,329.00	8,52,400.00	8,97,924.00	4,02,805.00
10.	SSA Programme – Lakshadweep – Sensitive training of selected teachers	82,650.00	0.00	0.00	82,650.00
11.	DST Project-Development of Manual for Adult Non-fluent &Fluent Aphasia Therapy in Hindi, English, Tamil, Malayalam, Telugu & Marathi – Dr.S.P.Goswami	69,477.00	4,91,200.00	3,68,596.00	1,92,081.00
12.	ICMR Project- Cognitive & Linguistic Intervention Manual Malayalam Speaking persons with Dementia **	4,62,672.00	0.00	4,62,672.00	0.00
13.	DST Project - Cognitive science Research InitiativeFeedback controls in individuals with stuttering – Dr.Y.V.Geetha	3,67,082.00	0.00	2,89,198.00	77,884.00
14.	DST-Effects of Auditory Cognitive Training on some Auditory & Speech perception skills in individuals with sensory – neural hearing loss. - Dr.Ajit Kumar .U	4,69,921.00	4,00,000.00	4,70,051.00	3,99,870.00
15.	DST-CSI Educational Neuro Science Initiative – Development and validation of screening tool to identify learning disability - Dr. Prema	10,00,000.00	0.00	7,20,270.00	2,79,730.00
16.	DST-SERB Project- Effect of Personal Music System on Hearing – Dr.Ajith Kumar U	0.00	12,30,000.00	2,52,723.00	9,77,277.00
17.	UGC Grant Raman Post Doctoral Fellowship	0.00	22,63,028.00	17,29,704.00	5,33,324.00
18.	DST-Auditory Multisensory processing in persons with stuttering - Dr. Santhosh.M	0.00	6,03,400.00	75,738.00	5,27,662.00
Other Programs					
1.	AIISH Research Fund	3,11,51,208.77	2,00,01,533.00	79,13,881.00	4,32,38,860.77
2.	Camp Organizers A/c	0.00	22,500.00	22,500.00	0.00
3.	Clients Welfare Fund	1,14,26,355.30	25,31,620.00	18,84,136.00	1,20,73,839.30
4.	National Programme for prevention of deafness 07-08	3,357.00	0.00	0.00	3,357.00
Total		4,30,26,982.07	3,10,73,611.00	1,52,48,463.00	5,88,52,130.07


Accounts Officer


Admin. Officer


Director

For P. S & Co.,
Chartered Accountants

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



Fixed and Other Assets 2013-14

SL No.	Particulars	Balance as on 1.4.2013		Plan Actuals		Outstanding Liabilities 2013-14	Recoveries/ Transfers/ Written off		Balance as on 31.3.2014	
		Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.
1.	Buildings and other works									
a)	completed buildings	29,58,25,518.44		22,78,608.00		0.00	0.00		29,81,04,126.44	
b)	Work in progress	52,31,153.00		93,25,300.00		0.00	0.00		1,45,56,453.00	
2.	Furniture and Fixtures	4,32,02,850.07		57,58,664.00		0.00	0.00		4,89,61,514.07	
3.	Building Fixtures	34,89,096.00		16,76,041.00		0.00	0.00		51,65,137.00	
4.	Garden Equipment	1,09,877.63		1,890.00		0.00	0.00		1,11,767.63	
5.	Library and documentation	4,93,88,345.90		97,01,381.00		0.00	*10,788.00		5,90,78,938.90	
6.	Digitalization of library	8,41,490.00		0.00		0.00	0.00		8,41,490.00	
7.	Vehicles									
a)	Car	10,58,619.00		0.00		0.00	0.00		10,58,619.00	
b)	Omni Bus	8,39,973.00		0.00		0.00	0.00		8,39,973.00	
c)	Mobile Unit	26,06,432.90		0.00		0.00	0.00		26,06,432.90	
d)	AC Bus	27,50,000.00		0.00		0.00	0.00		27,50,000.00	
8.	Office equipment	1,20,70,774.18		2,45,070.00		0.00	0.00		1,23,15,844.18	
9.	Technical equipment ^^	30,06,59,703.10		2,18,10,213.00		0.00	**4,08,310.00		32,20,61,606.10	
10.	Gifted equipment	95,75,704.57		0.00		0.00	0.00		95,75,704.57	
11.	Sundry assests									
a)	Hostel utensils	4,45,678.57		38,586.00		0.00	*** 2,458.00		4,81,806.57	
b)	Teaching aids	19,58,837.84		2,74,807.00		0.00	0.00		22,33,644.84	
c)	Software Programme	0.00		4,36,210.00		0.00	0.00		4,36,210.00	
Total		73,00,54,054.20		5,15,46,770.00		0.00	4,21,556.00		78,11,79,268.20	

^^ Closing Balance against Technical equipment as on 31-3-2013 may please be read as Rs.30,06,59,703.10 (refer 2012-2013 statement of accounts)

* Rs.10, 788 – Recovery

** Includes Rs.3, 00,000/- : Buyback, Rs.15, 000/- : recovery, and Rs.93, 310: transfer to project.


*** Rs.2, 458/- - Buyback


 Accounts Officer


 Admn. Officer


 Director

 For P. S & Co.,
 Chartered Accountants


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


Statement showing details of works in progress as on 31.3.2014
Major works in progress (PLAN)

Sl. No.	Particulars	Opening Balance as on 1.4.2013		Expenditure 2013-14				Closing balance as on 31.3.2014		
				Additions		Outstanding Liability 2013-14	Transferred to completed building			
		Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.
1.	New Cabling work for providing power supply to audiometric block, knowledge park and staff quarters	9,79,805.00		0.00		0.00	0.00		9,79,805.00	
2.	Conceptual drawing for proposed centre of excellence building	0.00		10,11,240.00		0.00	0.00		10,11,240.00	
3.	Conceptual drawing for proposed Museum	0.00		5,61,800.00		0.00	0.00		5,61,800.00	
	Total	9,79,805.00		15,73,040.00		0.00	0.00		25,52,845.00	

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Accounts Officer

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Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



Statement showing details of works in progress as on 31.3.2014
Minor works in progress (PLAN)

Sl. No.	Particulars	Opening Balance as on 31.3.2013		Expenditure 2013-14				Closing balance as on 31.3.2014	
				Additions		Transferred to completed building			
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
1.	Construction of Psychoacoustic lab at I floor of old administrative block	2,40,274.00		0.00		0.00		2,40,274.00	
2.	Providing water supply and UG drainage facility at New Gents Hostel / VIP guest house	8,32,150.00		0.00		0.00		8,32,150.00	
3.	Modification of toilets and provision to Old Gents Hostel	7,50,904.00		0.00		0.00		7,50,904.00	
4.	Construction of additional toilets at Gents Hostel	9,93,789.00		1,65,522.00		0.00		11,59,311.00	
5.	Sound Proof room for Psychoacoustic Lab	4,50,999.00		0.00		0.00		4,50,999.00	
6.	Sound Proof room for Speech Language Science	7,58,733.00		0.00		0.00		7,58,733.00	
7.	False Ceiling for Psychoacoustic Lab	2,24,499.00		0.00		0.00		2,24,499.00	
8.	Data link through FC to New Buildings (Knowledge Park and Quarters)	0.00		2,85,000.00		0.00		2,85,000.00	
9.	Network Cabling to New Buildings	0.00		24,11,574.00		0.00		24,11,574.00	
10.	Providing sound proofing to Electrophysiological Lab	0.00		2,67,382.00		0.00		2,67,382.00	
11.	Providing and fixing powder coated aluminium windows in the Faculty room of Audiology block (old admn. block)	0.00		3,10,675.00		0.00		3,10,675.00	
12.	Construction of Ladies and Gents Toilet at Special Education Department	0.00		14,60,024.00		0.00		14,60,024.00	
13.	Re-routing of UG cable at Knowledge park	0.00		42,598.00		0.00		42,598.00	
14.	Up gradation of existing switches in the Networking	0.00		19,03,407.00		0.00		19,03,407.00	
15.	Interlock Paver Flooring for Open car parking in main campus at AIISH	0.00		9,06,078.00		0.00		9,06,078.00	
	Total	42,51,348.00		77,52,260.00		0.00		1,20,03,608.00	

V. V. Vaidya
Accounts Officer

Srinivasan
Admn. Officer

Srinivasan
Director

For P. S & Co.,
Chartered Accountants

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



Schedule - G

Advances to Staff 2013-14

Sl. No.	Particulars	Balance as 01.04.2013		Additions / Debits		Recoveries / Credits		Balance as on 31.03.2014	
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
A. INTEREST BEARING ADVANCES									
1.	House Building Advance	42,841.00		0.00		11,916.00		30,925.00	
2.	Motor Car Advance	2,58,400.00		0.00		19,200.00		2,39,200.00	
3.	Scooter Advance	6,59,126.00		1,62,620.00		2,78,004.00		5,43,742.00	
4.	Personal Computer Advance	9,48,000.00		3,30,000.00		3,63,350.00		9,14,650.00	
B. INTEREST FREE ADVANCES									
1.	Cycle Advance	3,925.00		7,500.00		4,800.00		6,625.00	
2.	Festival Advance	90,750.00		2,50,500.00		2,46,375.00		94,875.00	
3.	LTC Advance	1,42,400.00		9,67,002.00		11,09,402.00		0.00	
4.	Medical Advance	1,30,727.00		1,55,500.00		1,70,317.00		1,15,910.00	
5.	TA Advance	1,15,617.00		4,38,905.00		2,30,985.00		3,23,537.00	
6.	Salary Advance	0.00		3,55,000.00		3,55,000.00		0.00	
Total		23,91,786.00		26,67,027.00		27,89,349.00		22,69,464.00	

V. V. V. V.
Accounts Officer

Chandrabhan
Admn. Officer

Srinivas
Director

For P. S & Co.,
Chartered Accountants

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



Schedule - H

Sundry Debtors for Deposits and Advances 2013-14

Summary Debitors for Deposits and Advances 2013-14								
Sl. No.	Particulars	Opening Balance as on 01.04.2013		Debits / Payments		Credits / Withdrawals		Closing Balance as on 31.03.2014
		Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs. P.
A. Permanent								
1.	Karnataka Power Transmission Corporation Ltd., (3MMD)	4,97,340.00		0.00		0.00		4,97,340.00
2.	Telephone - Department of Telecommunication(BSNL)	65,300.00		0.00		3,950.00		61,350.00
3.	M/s. Little Gas Co. Kitchen equipment system	23,500.00		0.00		0.00		23,500.00
4.	KPTCL/MESCOM/CHESCOM	4,98,296.00		0.00		0.00		4,98,296.00
B. Temporary								
1.	Deputy Controller of Accounts, Dept. of Supplies	3,693.11		0.00		0.00		3,693.11
2.	SB A/c No.675 with Bank of Baroda - Pension Fund	1,79,48,297.07		5,97,09,143.50		6,39,27,723.00		1,37,29,717.57
3.	SB A/c No.518 with Bank of Baroda - Contributory Pension Fund	9,41,334.00		66,01,503.00		64,40,044.00		11,02,793.00
4.	BOB A/c No.2221(UG A/c)	0.00		99,03,622.00		1,42,960.00		97,60,662.00
5.	BOB A/c No.2222(PG A/c)	0.00		2,88,304.00		0.00		2,88,304.00
6.	Advances – supplies	75,04,775.65		69,33,978.00		1,27,87,842.00		16,50,911.65
7.	Short-term fixed deposit with Bank	10,00,00,000.00		30,00,00,000.00		15,00,00,000.00		25,00,00,000.00
8.	Loan with AIISH Departmental Canteen	7,688.00		0.00		7,688		0.00
9.	SB A/c No.651 with Bank of Baroda - GPF/CPF	1,35,85,678.00		2,25,25,511.00		2,21,88,873.00		1,39,22,316.00
10.	Deposit with CPWD	26,02,46,000.00		14,00,00,000.00		0.00		40,02,46,000.00
	Total	40,13,21,901.83		54,59,62,061.50		25,54,99,080.00		69,17,84,883.33

V. V. V. V.
Accounts Officer

Chandrabhan
Admn. Officer

Srinivas
Director

For P. S & Co.,
Chartered Accountants

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



Investments 2013-14

Sl. No.	Particulars	Balance as on 1.4.2013	Additions / Payments	Realizations / Receipts	Balance as on 31.03.2014
A. Contributory/General Provident Fund					
1.	Government Securities	1,40,000.00	0.00	0.00	1,40,000.00
2.	8%Taxable Relief Bonds 2003	20,00,000.00	0.00	20,00,000.00	0.00
3.	Fixed deposits with Bank of Baroda	2,75,00,000.00	1,00,00,000.00	0.00	3,75,00,000.00
B. Pension Fund:-					
1.	Deposit with Bank of Baroda	12,75,00,000.00	5,00,00,000.00	0.00	17,75,00,000.00
2.	8%Taxable Relief Bonds 2003	50,00,000.00	0.00	50,00,000.00	0.00
C. Others:					
	Fixed deposit with Bank of Baroda	5,00,00,000.00	0.00	0.00	5,00,00,000.00
D. Endowment Funds:-					
1.	Fixed deposit with Bank of Baroda:				
a)	Mother of the year award: Dr.Prathibha Karanth	10,000.00	0.00	0.00	10,000.00
b)	Award for academics-Dr.Venkateshmurthy	50,000.00	0.00	0.00	50,000.00
c)	Abhilash award: Smt.Indira Kumari	5,000.00	5,000.00	0.00	10,000.00
d)	Scholarship Award for MSC Highest Marks – Friends United Organization	50,000.00	0.00	0.00	50,000.00
e)	Award for M.Sc Highest Marks - Dr.Vijayalakshmi Basavaraj Memorial Society	50,000.00	0.00	0.00	50,000.00
Total		21,23,05,000.00	6,00,05,000.00	70,00,000.00	26,53,10,000.00

U. V. Varad
Accounts Officer

U. V. Varad
Admn. Officer

U. V. Varad
Director

U. V. Varad For P. S & Co.,
Chartered Accountants

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



ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Balance Sheet as at 31st March 2014

Liabilities			Amount				Assets	Amount			
			Current Year		Previous Year			Current Year		Previous Year	
Capital Fund	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.
Opening Balance	1,39,01,424.36						Closing stock of hearing aids	43,58,884.00		54,02,235.00	
LESS: Amount transferred from Income & expenditure a/c	54,43,391.00						Cash at Bank	44,95,149.36		87,67,086.36	
			84,58,033.36		1,39,01,424.36						
Amount due to AIISH			3,96,000.00		2,67,897.00						
Total			88,54,033.36		1,41,69,321.36		Total	88,54,033.36		1,41,69,321.36	

G. V. Wani
Accounts Officer

Srinivasan
Admn. Officer

Srinivas S.R.
Director

For P. S & Co.,
Chartered Accountants

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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Income and Expenditure account for the year ended 31st March 2014

Schedule J-1

Expenditure	Amount						Income	Amount			
			Current year		Previous Year.			Current year		Previous Year.	
	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.		Rs.	Ps.	Rs.	Ps.
Expenditure on purchase of hearing aids and solar batteries							Grants from Ministry of Social Justice and Empowerment				
Opening stock	54,02,235.00					0.00		0.00		0.00	
Add: Purchases 2013-14	43,58,884.00						Interest on S.B.A/c.	3,35,602.00		5,07,026.00	
	97,61,119.00						50% cost recovered on sale of hearing aids	20,440.00		12,672.00	
LESS: closing stock	43,58,884.00		54,02,235.00		12,43,339.00		Excess of expenditure over income transferred to balance sheet	54,43,391.00		10,01,687.00	
Fitment charges			3,96,000.00		2,75,790.00						
Travelling allowance			1,198.00		2,256.00						
Total			57,99,433.00		15,21,385.00		Total	57,99,433.00		15,21,385.00	

W. V. K. Rao
Accounts Officer

S. S. Srinivas
Admn. Officer

Srinivas SA
Director

For P. S & Co.,
Chartered Accountants

(P. Srinivasa)
Proprietor, M. No : 025710
Firm Reg No : 002407 S



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006
ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Receipts and Payments account for the year ended 31st March 2014

Schedule J-2

Receipts	Amount		Payments	Amount	
	Current year	Previous year		Current Year	Previous Year
	Rs. Ps.	Rs. Ps.		Rs. Ps.	Rs. Ps.
SB A/c. with Bank	87,67,086.36		Purchase of Hearing Aids	43,58,884.00	63,06,700.00
LESS: Amount due to AIISH	2,67,897.00				
	84,99,189.36	1,45,64,237.36	Fitment charges	3,96,000.00	2,75,790.00
Grants from Ministry of Social Justice and Empowerment, GOI	0.00	0.00	Travelling allowance	1,198.00	2,256.00
Sale of Hearing aids	20,440.00	12,672.00			
Interest S.B. A/c	3,35,602.00	5,07,026.00	Closing Balance		
			SB A/c. with Bank	44,95,149.36	
			Less: amount due to AIISH	3,96,000.00	
				40,99,149.36	84,99,189.36
Total	88,55,231.36	1,50,83,935.36	Total	88,55,231.36	1,50,83,935.36

[Signature]
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



SIGNIFICANT ACCOUNTING POLICIES FORMING PART OF ANNUAL ACCOUNTS

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

[Signature]
Accounts Officer

[Signature]
Admn. Officer

[Signature]
Director

For P. S & Co.,
Chartered Accountants

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



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 : 0821-4252348

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O : 9590909011

Email : psandco@rediffmail.com

Email : psandcomys@gmail.com

AUDITOR'S REPORT

THE MEMBERS

ALL INDIA INSTITUTE OF SPEECH AND HEARING

MYSORE

We have audited the attached Balance sheet of **ALL INDIA INSTITUTE OF SPEECH AND HEARING** as on 31st March 2014 and the Income and Expenditure Account for the year ended that date. These financial statements are the responsibility of the society's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

Further to the above, we report that:

1. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
2. The Balance Sheet and Income and Expenditure Account dealt with by this report, are in agreement with the books of accounts maintained by the Institute.
3. In our opinion and to the best of our information and according to the explanations given to us, the said accounts subject to the observations set out in the Annexure, annexed hereto, which is an integral part of this report, give a true and fair view:
 - i. In the case of the Balance Sheet, of the state of affairs of the society as at 31st March 2014, and;
 - ii. In the case of the Income and Expenditure Account of the Excess of Income over Expenditure of the Society for the year ended 31st March 2014.

For P.S. & CO.
Chartered Accountants

(P. Srinivasa)
Proprietor
Membership No.025710

Place: Mysore
Date: 10th July 2014



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 : 0821-4252348

M : 9448207011

O : 9590909011

Email : psandco@rediffmail.com

Email : psandcomys@gmail.com

ANNEXURE

[Referred to in Para (3) of our Audit report dated 10th July 2014, for the year ended 31st March 2014]

1. The Institute has not provided depreciation in respect of its fixed asset for the year covered in the report, based on certain clarification by the Comptroller & Auditor General of India.
2. From last year a sum of Rs.2,40,274.00 towards construction of psychoacoustic lab at I floor administrative block and a sum of Rs. 8,32,150.00 towards providing water supply and UG drainage facility at new gents hostel/VIP guest house is still shown as work in progress under Fixed Asset schedule as on 31.03.2013 (Schedule F2) is still shown as work in progress as on 31st March 2014. Though the work is completed, the same has not been transferred to Building Account since the final bill is not received.
3. Some sponsored programs (Schedule-E) are showing Debit Balance.

For P. S & Co.,
Chartered Accountants


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



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006
Replies to observations of Audit on the Accounts of the Institute
for the year ended 31.3.2014

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 clarification by the Comptroller & Auditor General of India.	The institute has taken up the computerization of asset management. Based on the category of asset, a suitable policy will be evolved after obtaining the guidelines being followed at NIMHANS. However, the fact that the fixed assets are shown at historical cost and no depreciation is being provided as replacement grants are provided, by the Ministry which has been indicated under significant accounting policies forming part of accounts
2.	From last year a sum of Rs.2,40,274.00 towards construction of psychoacoustic lab at 1 floor administrative block and a sum of Rs.8,32,150.00 towards providing water supply and UG drainage facility at new gents hostel / VIP guest house is still shown as work in progress under Fixed Asset schedule as on 31.03.2013 (Schedule F2) is still shown as work in progress as on 31 st March 2014. Though the work is completed, the same has not been transferred to Building Account since the final bill is not received.	These will be transferred to completed buildings immediately on receipt of completion reports from the competent authority.
3.	Some Sponsored programs (Schedule – E) are showing Debit Balance	This will be reviewed and immediate necessary action will be taken.


Accounts Officer


Admn. Officer

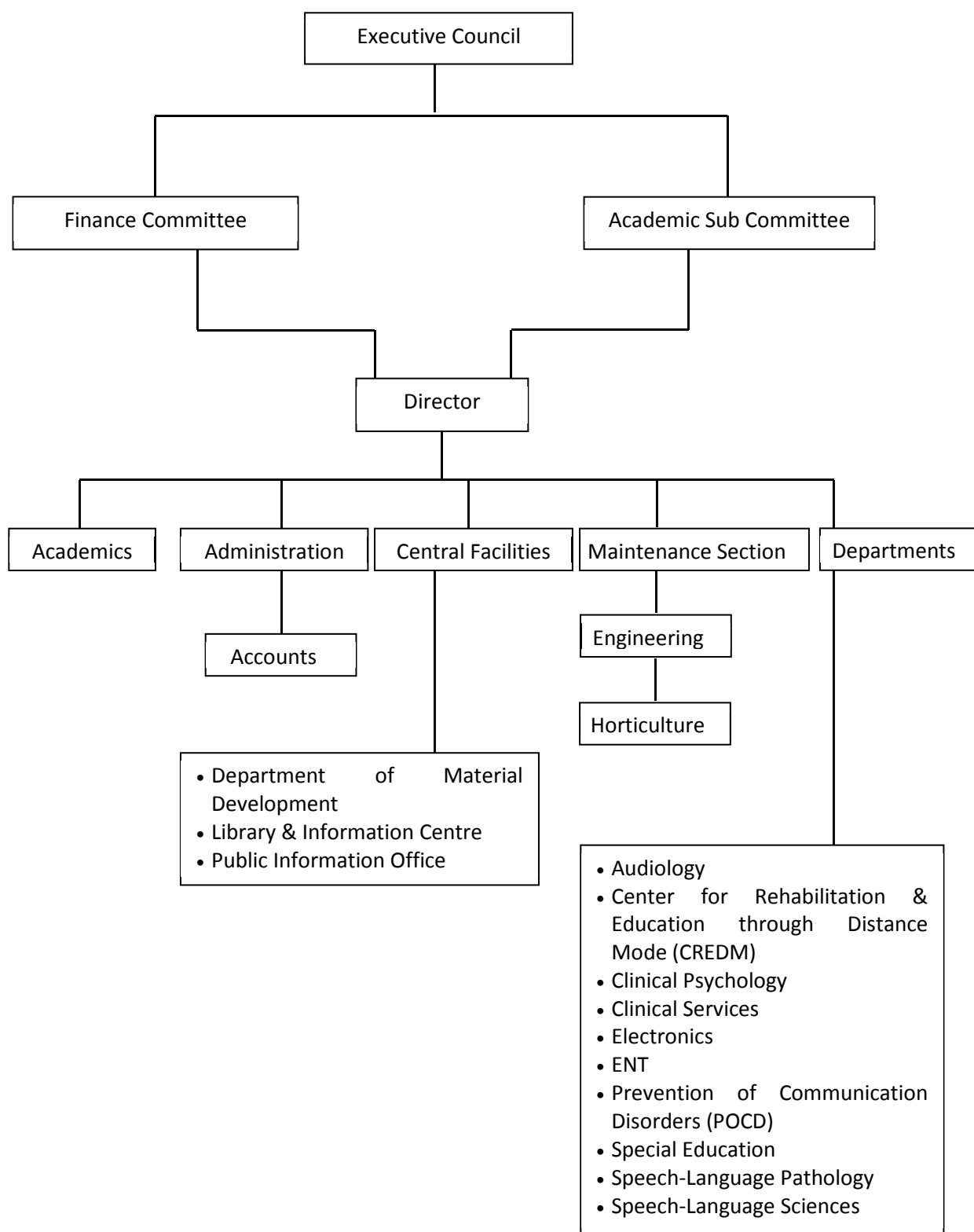

Director

For P. S & Co.,
Chartered Accountants



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

Organizational Chart



AIISH | All India Institute of
Speech & Hearing
MYSORE, INDIA

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