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**All India Institute of Speech and Hearing**  
Manasagangothri, Mysuru - 570006



**All India Institute of Speech and Hearing**

# Annual Report **2016-17**



# **Annual Report**

**2016-17**



**All India Institute of Speech and Hearing  
Manasagangothri, Mysuru - 570006**



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## Institute Profile

All India Institute of Speech and Hearing is a pioneer national organization advancing the causes of training, research, clinical care and public education on communication 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

- College with Potential for Excellence by University Grants Commission
- 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
- Collaborative Organization for the Rashtriya Bal Swasthya Karyakram (RBSK), a Govt. of India scheme under the Ministry of Health & Family Welfare.





## Collaborating Organizations and Institutions

- ✿ Indian Institute of Technology, Guwahati
- ✿ Jawaharlal Nehru Institute of Postgraduate Medical Education & Research, Puducherry
- ✿ Srirama Chandra Bhanj Medical College, Cuttack, Orissa
- ✿ Dr. Rajendra Institute of Medical Sciences, Baritayu, Ranchi, Jharkand
- ✿ Regional Institute of Medical Sciences, Imphal, Manipur
- ✿ Jawaharlal Nehru Medical College & Hospital, Mayaganj, Bhagalpur, Bihar
- ✿ Shri Chathrapathi Sahuji Maharaj Medical College, Lucknow, Uttar Pradesh
- ✿ Indira Gandhi Medical College, Shimla, Himachal Pradesh
- ✿ Dr. Ram Manohar Lohia Hospital, New Delhi
- ✿ Jawahar Lal Nehru Medical College, Ajmer, Rajasthan
- ✿ Netaji Subhash Chandra Bose Medical College, Jabalpur, Madhya Pradesh
- ✿ All India Institute of Physical Medicine & Rehabilitation, Haji Ali, Mumbai







## Foreword

It is my privilege to present the 52<sup>nd</sup> Annual Report of the All India Institute of Speech and Hearing, Mysuru. This report contains the activities of the institute for the year 2016-17.

The Institute continued its activities in manpower generation, research, clinical services, and public education in the field of communication disorders in the current year and launched a number of new facilities/ services including a web-based software for managing clinical data launched by Dr. B. N. Gangadhara, Director, National Institute of Mental Health and Neuro Sciences, Bengaluru and a full-fledged research facility for audiological research called Facility for Advanced Auditory Research (FAAR) launched by Dr. V. Prakash, former Director, Central Food Technology Research Institute, Mysuru. Also, a phonology Clinic was inaugurated.

The 56<sup>th</sup> Executive Council meeting was held on 9<sup>th</sup> November 2016 under the Chairmanship of Shri J P Nadda, Hon'ble Minister for Health & Family Welfare, Govt. of India and the 47<sup>th</sup> Finance Committee meeting was held under the Chairmanship of Shri Sanjeeva Kumar, IAS, Additional Secretary (Health), Ministry of Health and Family Welfare, New Delhi on 8<sup>th</sup> February 2017. Selection committee meeting was also held on the same day under the Chairmanship of Shri Sanjeeva Kumar, IAS, Additional Secretary (Health), Ministry of Health and Family Welfare, New Delhi.

The institute initiated ISO 8001:2015 with a workshop for the staff. A one-day International Workshop on Advancements in Audiometric Calibration on 13<sup>th</sup> September, 2016 for audiologists and other professionals working in the area of communication disorders with Sri. Peter Dolenc, an international expert in calibration from Bruel and Kjaer (B & K), Denmark as resource person was also organized. In collaboration with IEEE special interest group on communication disability, the Institute organized an Assistive Technology Hackathon on 24<sup>th</sup> September, 2016 with an objective of encouraging engineering students / faculty to undertake projects related to development of assistive technology for persons with communication disorders. Several innovative ideas such as HOBOT for the disabled, eye and neck movement based communication system for individuals with paralysis were presented in the hackathon. The Institute in collaboration with Alzheimer's and Related Disorders Society of India, Mysuru Chapter, Department of Psychiatry, Mysre Medical College and Research Institute, Mysuru, Department of Psychiatry, JSS Medical College, Mysuru and the Foundation for Research & Advocacy in Mental Health, Mysuru organized the 20<sup>th</sup> Annual National Conference of the Alzheimer's and Related Disorders Society of India (ARDSI-2016) on 10-11 December, 2016. Also, in collaboration with the Swartz Centre for Computational Neuroscience, a center of the Institute for Neural Computation of the University of California San Diego, USA organized a workshop on Construction and Analysis of Experiments in Human Neurophysiology EEGLAB on 16-20 January, 2017. Mr. Scott Makeig and Mr. Arnaud Delorme, the main developers of EEGLAB, University of California, San Diego, served as the resource persons for the workshop. Dr. Subhash Chandra Parija, Director, Jawaharlal Institute of Postgraduate Medical Education and Research, Puducherry was the Chief Guest. Further, the Institute facilitated the National Program on Prevention and Control of Deafness (NPPCD) of the Ministry of Health and Family Welfare, Govt. of India by conducting Level 1 - Sensitization and Awareness of Doctors and Audiologists at the Medical College level for prevention, early identification and management of hearing impaired and deafness cases.

The Graduation Day was organized for the first time in the Institute on 17<sup>th</sup> December, 2016. Dr. H. Vinod Bhat, Vice-Chancellor, Manipal University, Manipal delivered the Graduation Day address. Dr. H. R. Nagendra, Chancellor, Swami Vivekananda Yoga Research Foundation, Bengaluru and Dr. N. Rathna, former Director of the institute graced the function. On the occasion, graduation certificates were distributed to 110 graduate, postgraduate and diploma students, and the rank holders and PhD awardees were felicitated.

The Institute conducted 16 academic programmes to admit students to Diploma, bachelors, masters, doctoral programmes. A total of 364 students were admitted to various programmes in 2016-17 through national level entrance examinations. The Institute provided stipend and fellowship to all eligible students



pursuing various academic programmes at the Institute during 2016-17. In addition, the Institute offered 187 orientation/ short-term training programmes on communication disorders.

During the reporting year, the staff of the institute completed 24 research projects and 31 new research projects were initiated. In addition, 28 research projects were ongoing. Eight candidates were awarded Ph.D., 2 candidates submitted the Ph. D. thesis, and 45 candidates were pursuing doctoral studies. In addition, 64 students submitted their master's dissertation and 61 candidates were pursuing their master's dissertation. One hundred and twenty nine scientific papers were presented in international and national conferences/ seminars and 123 scientific articles were published in peer-reviewed international and national journals and 53 in In-house journals. Also, 30 chapters in books/ books were written by the staff of the institute.

The institute registered 69,490 clients with communication disorders. 55162 new borns were screened for communication disorders in 21 hospitals in Mysore, outreach service centres, and in 7 states – Karnataka, Rajasthan, Manipur, Madhya Pradesh, Pondicherry, Jharkhand and Orissa. Industrial screening was done for the 425 employees; 2743 children in schools of Mysore, and 101 elderly were screened. 3883 clients in 35 camps were screened in various parts of the country. 2630 clients were catered to in the outreach service centres of the institute at 4 PHCs located in districts of Mysore. Tele intervention was done 61 clients with communication disorders. Totally 774 hearing aids with solar battery chargers were distributed.

As a part of a project, a total of 5,73,117 persons were surveyed in specific hoblis of three districts of Mysuru to identify persons with communication disorders. One auxiliary nurse midwife, 88 Anganwadi teachers and 391 ASHA workers performed the survey during the reporting year. Training was conducted for the personnel deputed for carrying out the survey before mobilizing them to the villages/towns. The Institute released the first report on the survey which revealed a prevalence of 2.46% of communication disorders.

Nine monthly public lectures were held and 38 public educational materials were prepared. The Institute had a tableau portraying noise pollution at the Dasara Procession, which won the first prize. The Institute also participated in 17<sup>th</sup> National Jambore organized by the Bharath Scouts & Guides from 30<sup>th</sup> December, 2016 to 4<sup>th</sup> January, 2017 by installing a stall.

The institute procured several scientific instruments, e-books and bibliographical databases. The institute received कार्यालय darpana स्मृतरचिन्हपुरस्कार and कार्यालयज्योतिस्मृतरचिन्हपुरस्कार hosted by the Raj Bhasha Sansthan, New Delhi. Dr. S. R. Savithri, Director was honored Rajbhasha Shree Puraskar. The Institute was awarded with I Prize for Rajbhasha Anupalan (Region C). Dr. H. P. Umasaraswathi, H.T, received the best paper by the Rajbhasha Samsthan. The Horticulture Section participated in the Dasara Horticultural Flower Show, 2016, organized by the Department of Horticulture, Govt. of Karnataka and won many prizes. The Institute staff won several awards at conferences/ seminars. The Government of Karnataka gave 10 acres of land at Varuna Hobli to the Institute. The building work of Centre of Excellence is almost completed and is expected to be initiated in the next academic year.

Overall the year 2016-17 was gratifying. I extend my gratitude and heartfelt thanks to all my colleagues and the officers at the Ministry of Health & Family Welfare, Govt. of India who have supported for the cause of progress of the Institute.

**Dr. S. R. Savithri**  
**Director**







## The year at a glance

Academic Programmes Offered **17**

Students Admitted **364**

Total Student Strength **524**

Educational Stipend Provided **₹13.94 Lakhs**

Students Presentations

Journal Club  
**21**

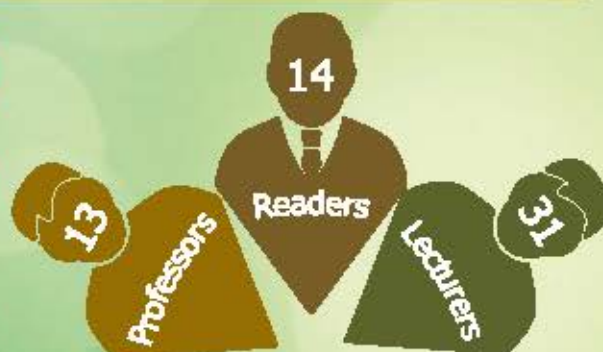
Clinical Conferences  
**17**

Orientation/ Short Term Training Programmes **187**

Guest Lectures **14**

Workshops/ Seminars **34**

In-house Training Programmes **103**



Invited Talk delivered by Faculty & Staff **259**

**10** Completed Doctoral Research

**45** Ongoing Doctoral Research

**64** Completed Postgraduate Research

**61** Ongoing Postgraduate Research

### Extramural Research Projects



### Intramural Research Projects



**129**

Scientific Conference Presentations

**123**

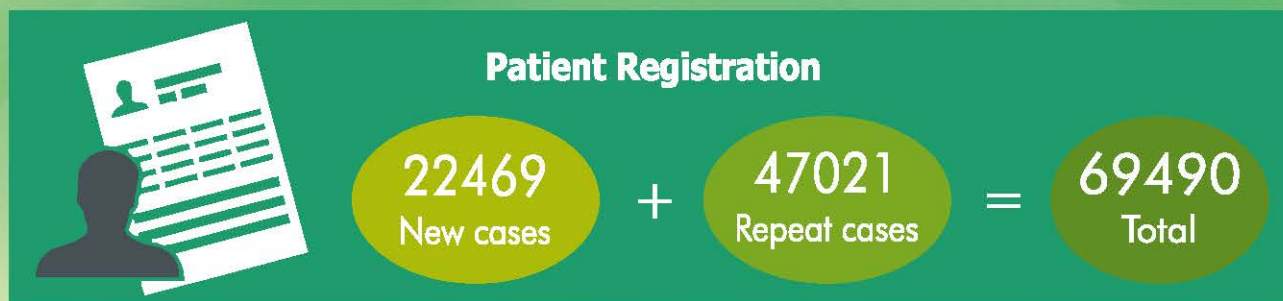
International/ National Scientific Journal Publications

**30**

Books/ Book Chapters

**53**

In-house Publications



Infant Screening at Mysore City Hospitals/ Outreach Service Centres: 19380; Newborn Screening at DHLS centres: 35782; Industrial Screening: 425; School Screening: 2743; Communication Disorder Screening Camps: 35; Clinical Cases at Outreach Service Centres: 2630; Tele Rehabilitation: 61, Itinerant service at School: 18.





# News 2016-17

The major events held during the reporting year are given below.

## World Voice Day



The Institute celebrated the World Voice Day on 26<sup>th</sup> April, 2016 under the aegis of the Professional Voice Care Unit. A free voice consultation check-up programme was arranged as a part of the event in which the Speech Pathologists and ENT Surgeons evaluated persons with voice disorders using the state-of-the-art diagnostic equipment and recommended suitable modifications in the use of voice.

## Preschool Graduation Day



The Preschool Graduation Day was held on 29<sup>th</sup> April, 2016. Eighty five

children with various communication disorders graduated from the Pre-school under the Department of Special Education were felicitated during the event. Dr. S. R. Savithri, Director, AIISH inaugurated the event in which Dr. Asha Yethias, Professor in Audiology was the Chief Guest.

## Summer Camp



A one-month summer camp for pre-school children was held from 2-31 May, 2016 under the aegis of the Department of Special Education. Totally, ninety children participated in the camp and they were trained in karate, dance, drama craft and meditation by the experts in respective fields.

## Annual Day



The Institute celebrated its 51<sup>st</sup> year of establishment on 9<sup>th</sup> August, 2016. Padma Shri Dr. V. Prakash, former Director, Central Food Technology Research Institute, Mysuru, presently serving as the Director, Research Innovation and Development and Management, IIS Mahavidhyapeetha, Mysuru, and Dr. B. N. Gangadhar, Director, National Institute of Mental Health

and Neuro Sciences, Bengaluru were the Chief Guests. Dr. S. R. Savithri, Director AIISH presided. On the occasion, several research publications, self learning material for DHLS students, reports on new born screening and school screening programme for communication disorders were released. Further, felicitation of Ph.D. awardees, meritorious students and the Best AIISHIAN of the Year Award winners was done. A cultural program was organized in the evening in which Dr. Rakesh Kumar Sharma, Director, Defense Food Research Laboratory, Mysuru and Dr. R. Rajanna, Registrar (Evaluation), University of Mysuru were the Chief Guests and Dr. S.R. Savithri, Director, AIISH presided. The retired employees and the employees who completed 25 years of service at the Institute were honored during the event.

## Clinical Data Management Software



A web based software for managing clinical data was launched at the Institute. The facility was inaugurated by Dr. B. N. Gangadhar, Director, National Institute of Mental Health and Neuro Sciences, Bengaluru as a part of Annual day celebrations on 9<sup>th</sup> August 2016. The software is proposed to facilitate efficient clinical data management by integrating data from registration, outpatient and various other departments. It could also be used for carrying out clinical and epidemiological research.



## Facility for Advanced Auditory Research



A full-fledged research facility for audiological research called Facility for Advanced Auditory Research (FAAR) was inaugurated on 9<sup>th</sup> August, 2016 by Dr. V. Prakash, former Director, Central Food Technology Research Institute, Mysuru. The facility is envisaged to advance our understanding of the human auditory system and to remediate its dysfunction. It houses a series of labs, which specialize in various domains of auditory research. The labs include; Electrical Brain Imaging Lab, Cochlear Mechanics Lab, Speech Perception Lab, Audio-Visual Lab, Hearing Device Research Lab, Balance Research Lab, Basic Hearing Assessment Lab and the Central Data Lab conceived to carry out both basic and applied research to understand the auditory system and its disorders from behavioral, psychoacoustic and physiological perspectives.

## Audio-Visual Laboratory



With the aim of supporting development of quality digital resource materials for tele-services and also to preserve audio-visual

materials acquired over the years through tele rehabilitation services, an audio-visual laboratory was opened at the Tele Centre for Persons with Communication Disorders. The lab was inaugurated by Dr. B. N. Gangadhar, Director, NIMHANS on 9<sup>th</sup> August, 2016. Padmashree Dr. V. Prakash, Former Director, CFTRI and Dr. S. R. Savithri, Director, AIISH Mysuru were present on the occasion.

## Sumeru



An innovative programme for special children named Special Use of Music for Educational Readiness and Up building (SUMERU) was inaugurated in the Preschool, Department of Special Education by Dr. Ganapathy Sachidananda Swamiji, founder Pontiff, Avadhoota Datta Peetam in the presence of Dr. Asha Yathini, Director-in-charge on 29<sup>th</sup> August 2016.

## International Workshop on Audiometric Calibration



The Institute, under the aegis of the Department of Electronics organized a one-day International Workshop on Advancements In Audiometric Calibration on 19<sup>th</sup>

September, 2016 for audiologists and other professionals working in the area of communication disorders. The topics covered include technological advancements in calibration of audiometers and recent developments in automating calibration procedure. A hands-on training on advanced calibration set up was also included. Sri. Peter Dolanc, an international expert in calibration from Bruel and Kjaer (B & K), Denmark served as the main resource person for the workshop. Prof. R. Rangaswamy, Director, Dr. S. R. Chandrasekhar Institute of Speech and Hearing, Bengaluru, delivered the keynote address and Dr. S. R. Savithri, Director, AIISH presided.

## Assistive Technology Hackathon



The Institute in collaboration with IEEE special interest group on communication disability, organized an assistive technology hackathon on 24<sup>th</sup> September, 2016. The objective of the hackathon was to encourage engineering students / faculty to undertake projects related to development of assistive technology for persons with communication disorders. Several innovative ideas such as HOBOT for the disabled, eye and neck movement based communication system for paralyzed persons were presented in the hackathon.





## Level 1 - Sensitization and Awareness



Level 1 - Sensitization and Awareness of Doctors and Audiologists at the Medical College level for prevention, early identification and management of hearing impaired and deafness cases was held at the Institute on 18<sup>th</sup> October, 2016 under the National Program on Prevention and Control of Deafness (NPPCD) of the Ministry of Health and Family Welfare, Govt. of India.

## Hearing Aids Repair Camp



The Institute under the aegis of the Department of Electronics organized a five-day camp for free repair of hearing aids on 7-11 November, 2016. Sri. Vasu, Hon'ble MLA, Channarayana constituency, Mysuru inaugurated the camp. Sri. R. Guru, Chairman, Rangaroo & Sons Group, was the Chief Guest and Dr. S. R. Savithri, Director, AIISH presided. Six hearing aid companies namely M/s. HAC Acoustic Technologies, Chennai, M/s. Odc Hearing Solutions Pvt. Ltd., Mumbai, M/s. Ampillon (India) Pvt. Ltd., Mumbai, M/s. Arphi Electronics, Chennai, M/s. Starkey Laboratories, India Pvt. Ltd., New Delhi and M/s. Alps International Pvt. Ltd., New Delhi put up their stalls and provided free service to the hearing aid users.

## International Day of Persons with Disabilities



The International Day of Persons with Disabilities was observed on 9<sup>th</sup> December, 2016. Smt. K. Radha, Deputy Director, Department of Women and Child Welfare, Mysuru was the Chief Guest and Dr. S. R. Savithri, Director, AIISH presided over the function. The parents/ caretakers/ stake holders were felicitated for promoting, protecting, and supporting the disabled and cultural programs by children with communication disorders and their caretakers were organized on the occasion.

## ARDSI-2016



The Institute in collaboration with Alzheimer's and Related Disorders Society of India, Mysuru Chapter, Department of Psychiatry, Mysore Medical College and Research Institute, Mysuru, Department of Psychiatry, JSS Medical College, Mysuru and the Foundation for Research & Advocacy in Mental Health, Mysuru organized the 20th Annual National Conference of the Alzheimer's and Related Disorders Society of India (ARDSI-2016) on 10-11 December, 2016 under the aegis of the Department of Speech-

Language Pathology. The theme of the conference was Cognitive Aging: Practice to Policy. Dr. Martin Prince, Professor of Epidemiological Psychiatry, King's College, London, UK inaugurated the conference. Dr. Jacob Roy, Honorary Vice-President, Alzheimer's Disease International, UK was the Guest of Honour and Dr. S. R. Savithri, Director, AIISH presided.

## Graduation Day



The Graduation Day was organized for the first time in the Institute on 17<sup>th</sup> December, 2016. Dr. H. Vinod Bhat, Vice-Chancellor, Manipal University, Manipal delivered the Graduation Day address. Dr. H. R. Nagendra, Chancellor, Swami Vivekananda Yoga Research Foundation, Bengaluru and Dr. N. Rethna, former Director of the Institute graced the function. Dr. S. R. Savithri, Director, AIISH presided. On the occasion, graduation certificates were distributed to 110 graduate, postgraduate and diploma students, and the rank holders and PhD awardees were felicitated.

## Phonology Clinic

With the objective of developing appropriate evaluation and therapy materials for children and adults with phonological disorders in different languages, a Phonology Clinic was opened at the Institute. Dr. S. R. Savithri, Director, inaugurated the Clinic on 28<sup>th</sup> December 2017.



## International Workshop on EEG/AB



The Institute in collaboration with the Swartz Centre for Computational Neuroscience, a center of the Institute for Neural Computation (INIC) of the University of California San Diego, USA organized a workshop on Construction and Analysis of Experiments in Human Neurophysiology EEG/AB on 16-20 January 2017. Mr Scott Malsbury and Mr. Armand Dadoome, the main developers of EEG/AB, University of California, San Diego, served as the resource persons for the workshop. Dr. Subhash Chandra Parth, Director, Jawahar Institute of Postgraduate Medical Education and Research, Puducherry was the Chief Guest and Dr. S. R. Sathyan, Director, AIISH presided.

## Swatch Bharat Fortnight



The Swatch Bharat Fortnight, was observed at the Institute on 1-15 February, 2017 as a part of Swatch Bharat Mission, Govt. of India. Dr. S. R. Sathyan, Director inaugurated the program by releasing an e-Poster on Swatch Bharat. The staff and students were made

aware of the importance and necessity of general cleanliness by distributing brochures via e-mail and a drawing competition was arranged for the pre-school children and parents on the theme Swatch Bharat. Also, Dr. Nagaraju, Health officer, Mysuru Mahanagar Palike and his team delivered talk on general cleanliness and waste management. A mass cleanliness drive was carried out at the Institute by the staff and students under the leadership of the Director. A cleaning drive was also conducted in collaboration with the NSS Unit of the Institute and awareness was created among the public on Swatch Bharat Abhiyan. The gardeners of the Institute were trained on the waste segregation at source and the importance of recycling of garden wastes and other garden materials. Sri Sanjeeva Kumar, Additional Secretary (Health), Ministry of Health & Family Welfare, Government of India visited the Institute as a part of the event and inspected and monitored the ongoing cleanliness drive. The Engineering and Horticulture sections of the Institute coordinated the programme.

## Open Day



The Institute celebrated its Open Day with the theme Equality of Opportunity on 3<sup>rd</sup> February, 2017. Sri. M. Basava Gowda, Joint Director, Department of Public Instructions was the Chief Guest and Dr. K. C. Srinivasulu, Director-in-charge presided. The activities of various departments and sections

of the Institute were exhibited for the benefit of general public and free evaluation for speech, language and hearing disorders was conducted. Various competitions such as painting, quiz, debate, elocution, and entertainment and educational games such as tap your visual memory, cocktail word recognition, auditory processing games, group task, spelling etc., were arranged for the visiting students. More than 4000 students from various schools and colleges in and around Mysore and the general public visited the Institute during the occasion.

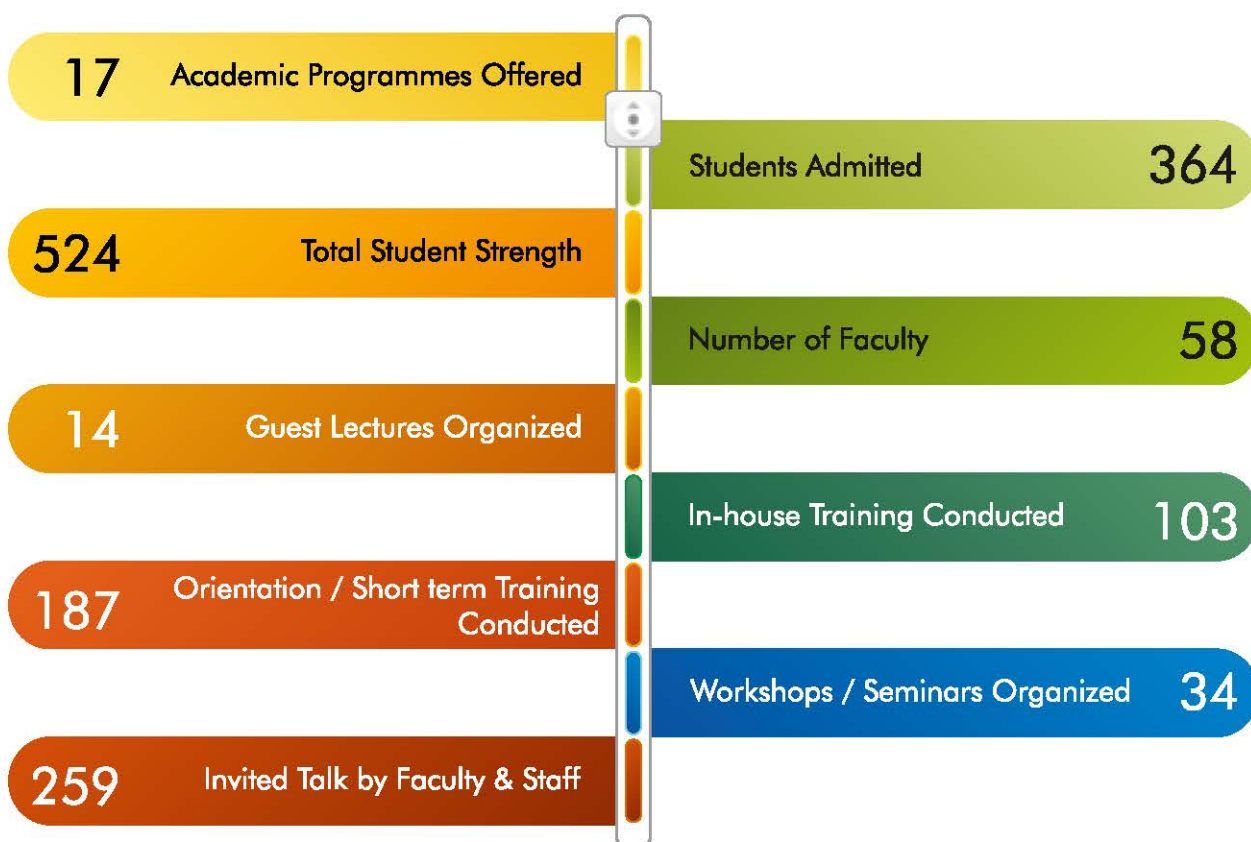
## AIISH AAWAAZ



The Institute organized its three-day annual cultural festival, AIISH AAWAAZ on 17-19 March, 2017 under the aegis of AIISH Gymkhana. Sri. Mysore Anand, noted actor cum comedian and his Sangeetha Ravindranath, famous playback singer inaugurated the programme and entertained the audience on 17<sup>th</sup> March 2017. The programme included cultural and literary competitions such as group dance, variety entertainment, etc., quiz, pencil sketching, poster making, antakshari, clunk charades, mock press and a fashion show on the theme Around the World in 20 Minutes. The festival had participants from colleges across the country. Sri. Sakthi Jahn noted Bharatanatyam dancer was the Chief Guest for the valedictory function of the event on 19<sup>th</sup> March, 2017.



## LEARNING AND TEACHING





# LEARNING AND TEACHING

## Academic Programmes Offered

The institute offered 17 academic programmes ranging from certificate to post- doctorates during the reporting year. Of these, Diploma in Hearing, Language and Speech (DHLS) was offered at nine centers across the country and classes were delivered from the institute through videoconferencing. The programmes offered had the recognition of the Rehabilitation Council of India/ University of Mysore. The programmes offered are in table 1.

Table 1: Academic Programmes Offered

Programme	Duration	No. of seats	Affiliation / Recognition
Certificate Course for Caregivers of Children with Developmental Disabilities(C4D2)	14 wks	*	-
Diploma in Hearing Aid & Earmould Technology (DHA&ET)	1yr	25	RCI
Diploma in Early Childhood Special Education (Hearing Impairment) (DECSE(HI))	1yr	25	RCI
Diploma in Hearing, Language and Speech (DHLS)	1yr	225**	RCI
Bachelors in Audiology and Speech Language Pathology (B.ASLP)	4yrs	62	UOM/RCI
Bachelor of Education-Special Education (Hearing Impairment), (B.Ed-Sp.Ed. (HI))	2yrs	20	UOM/RCI
Postgraduate Diploma in Forensic Speech Sciences & Technology (PGDFSST)	1yr	10	UOM
Postgraduate Diploma in Clinical Linguistics (Speech-Language Pathology) (PGDCL-SLP)	1yr	10	UOM
Postgraduate Diploma in Neuro-Audiology (PGDNA)	1 Yr	10	UOM
Postgraduate Diploma in Augmentative and Alternative Communication (PGDAAC)	1 Yr	10	UOM/RCI
Master of Science (Speech-Language Pathology) (M.Sc. SLP)	2yrs	36	UOM/RCI
Master of Science (Audiology) (M.Sc. Aud)	2yrs	36	UOM/RCI
Master of Education -Special Education (Hearing Impairment) (M.Ed-Sp.Ed. (HI))	2yrs	20	UOM/RCI
Doctor of Philosophy (Ph.D.) (Audiology)	3yrs	4	UOM
Doctor of Philosophy (Ph.D.) (Speech-Language Pathology)	3yrs	4	UOM
Doctor of Philosophy (Ph.D.) (Speech & Hearing)			
Post Doctoral Degree	2yrs	2	

\*Vary from year to year; \*\*Total seats in 9 centres; UOM= University of Mysore;  
RCI= Rehabilitation Council of India

## Admission and Enrolment

National level entrance examinations were conducted to admit students to Bachelors in Audiology and Speech Language Pathology (B.ASLP), M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology) on 11<sup>th</sup> June, 2016. Totally, 1173 candidates appeared for the B.ASLP 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 Mysuru were attended by 194 and 160 candidates, respectively. Admission to the Diploma, and Bachelor of Special Education programmes were done based on the merit obtained in the qualifying examinations.

The total number of students admitted to various programmes during the reporting year was 364. The details are given in table 2, figure 1 and figure 2.

Table 2: Student Admission

Sl. No.	Name of the programme	No. of students admitted
1.	DHLS	103
a.	JLNMC, Bhagalpur	17
b.	KGMU, Lucknow	13
c.	RANCHI, Jharkhand	17
d.	RMLH, Delhi	16
e.	AIIPMR, Mumbai	09
f.	AIISH, Mysuru	19
g.	SCBMC, Cuttack	07
h.	JLNMC, Ajmer	04
i.	IGMC, Shimla	01
2.	DECSE(HI)	02
3.	DHA&ET	06
4.	B.ASLP	62
5.	BEEd.Sp.Ed. (HI)	11
6.	M. Sc. (Aud)	34
7.	M. Sc. (SLP)	33
8.	Ph.D (Aud)	06
9.	Ph.D (SLP)	04
<b>Total</b>		<b>364</b>

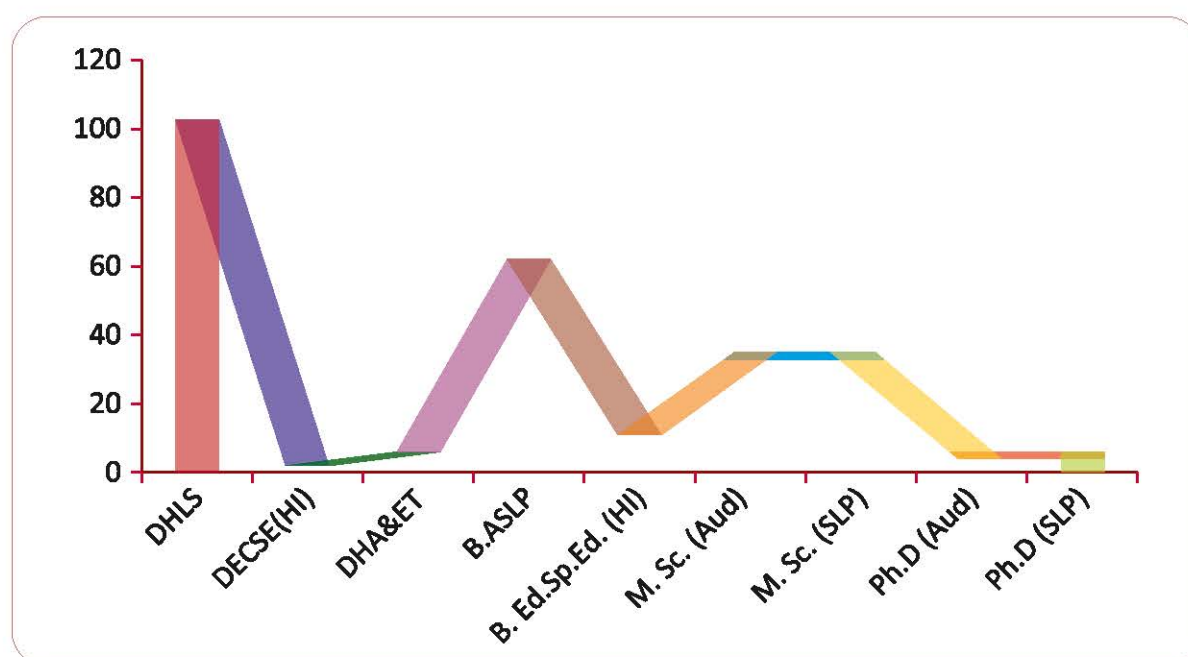


Figure 1: Student Admission



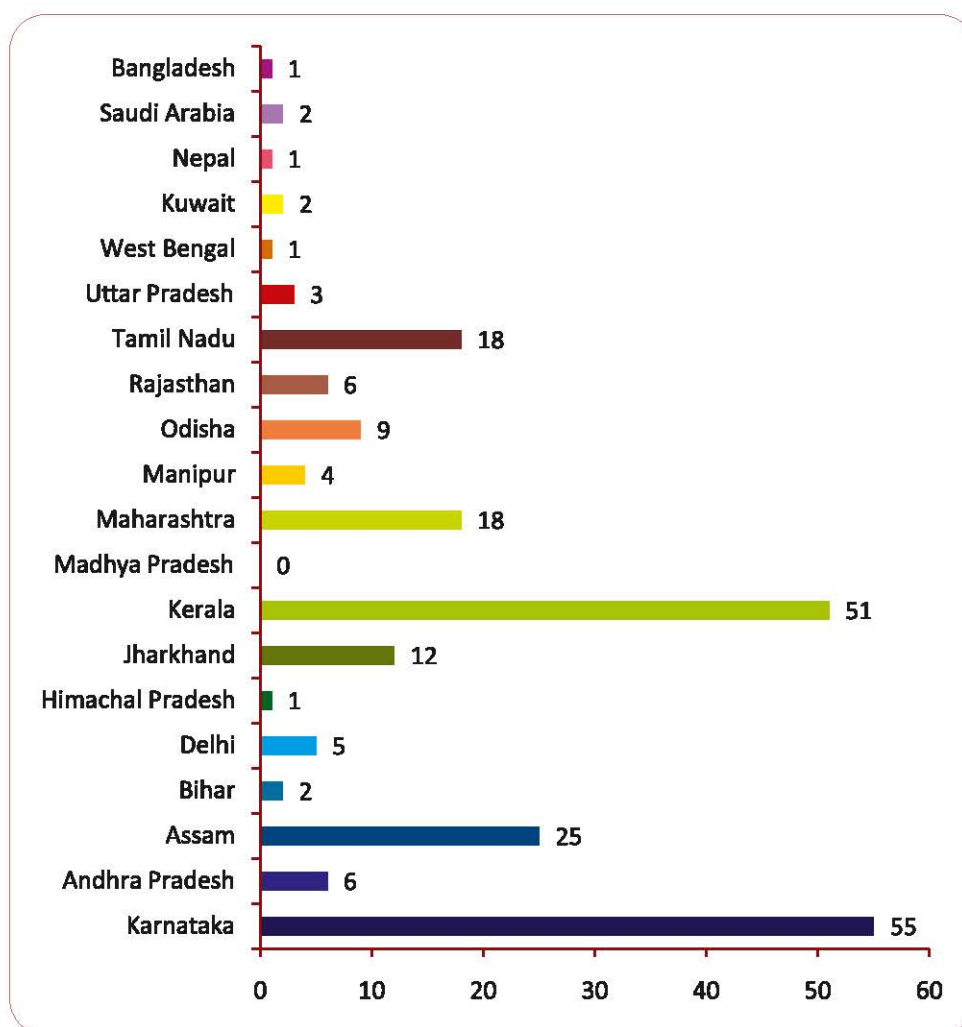


Figure 2: Country/State/UT-wise distribution of admission

## Student strength

Totally, 524 students were studying for various programmes, at the end of the reporting year and 372 among them were girls as detailed in Table 3.

Table 3: Student Strength

Program	Year	Boys	Girls	Total
B.Sc. (Sp. & Hg.) / B.ASLP	I Year	13	49	62
	II Year	14	47	61
	III Year	08	50	58
	Internship	06	51	57
B.Ed.Sp.Ed. (HI)	I Year	02	09	11
	II Year	01	05	06
M.Sc. (Aud)	I Year	17	19	34
	II Year	08	28	36
M.Sc. (SLP)	I Year	03	30	33
	II Year	05	27	32
DHA & ET	-	01	02	03
DHLS*	-	65	38	103
DECSE(HI)	-	-	02	02
Ph.D.(SLP)	-	01	05	06
Ph.D.(Aud)	-	03	01	04
<b>Total</b>		<b>152</b>	<b>372</b>	<b>524</b>



## Academic Performance

The students performed well in the university examinations conducted during the reporting year with 100 % pass in M.Sc. (Audiology), M.Sc. (SLP), and B.Ed. Sp.Ed.(HI) programmes and 93 % in B.Sc. (Sp. & Hg.) and 92.8% in DHLS programme. The details are given in table 4 and figure 3. In addition, all ten candidates (SLP=6; Aud=4) passed in the Ph.D. course work examination (2016-17) conducted by the University of Mysore, Mysore.

Table 4: Academic Performance

Sl. No	Programme	No of students attended examination	No. of students passed	Pass Percentage
1.	B.Sc. (Sp & Hg)	58	55	93
2.	B.Ed.Sp.Ed.(HI)	6	6	100
3.	M.Sc. (SLP)	32	32	100
4.	M.Sc. (Aud)	36	36	100
5.	DHLS	14	13	92.8
6.	DHA & ET	7	6	85.7

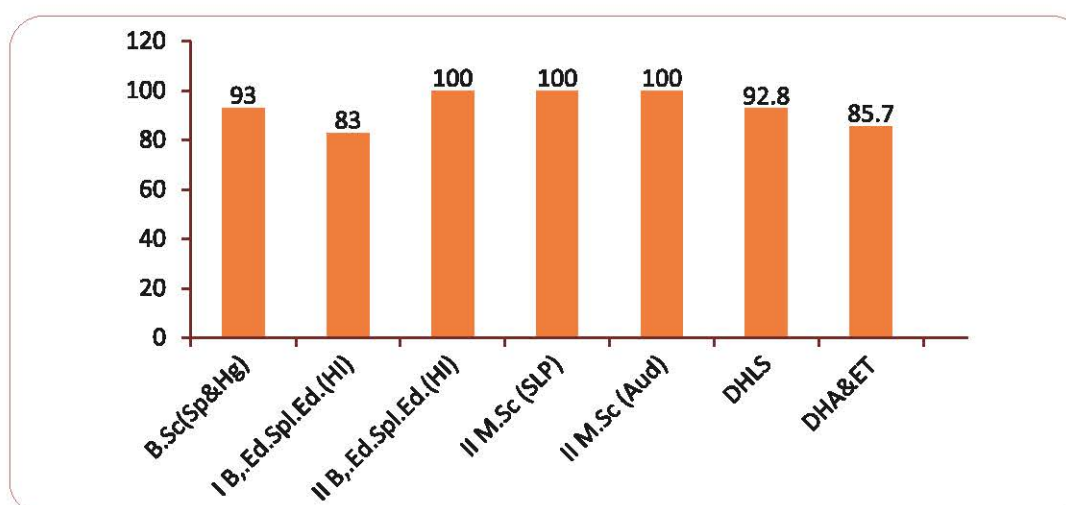


Figure 3: Academic Performance

## Internship

Fifty eight students underwent internship training during the reporting year. They were posted in the Department of Clinical Services and Special Clinical Units in the Institute and at various NPPCD and DHLS / BASLP centres in different parts of the country. The interns were given training in assessment and rehabilitation services to the clients with communication disorders. They were also trained in public education and early identification of the disorder. The details of the organizations other than AIISH, where the students underwent internship training include:

1. District Hospital, Bijapur, Karnataka
2. District Hospital, Chikmagalur, Karnataka
3. District Hospital, Dharwad, Karnataka
4. District Hospital, Tumkur, Karnataka
5. District Hospital, Udupi, Karnataka
6. Jawaharlal Nehru Institute of Postgraduate Medical Education & Research, Puducherry
7. Jawaharlal Nehru Medical College & Hospital, Ajmer, Rajasthan



8. Karnataka Institute of Medical Sciences, Hubli, Karnataka
9. King George Medical University, Lucknow, U. P
10. Mandya Institute of Medical Sciences, Mandya, Karnataka
11. Netaji Subhash Chandra Bose Medical College, Jabalpur, Madhya Pradesh
12. Rajendra Institute of Medical Science, Ranchi, Jharkhand
13. Guwahati Medical College, Guwahati, Assam

## Educational Stipend

The institute provided educational stipend and fellowship to all the eligible students pursuing various academic programmes and distributed a total amount of ₹13,94,079 during the reporting year. The details are given in table 5.

Table 5: Educational Stipend

Programme	Monthly Stipend (in ₹)
Diploma	250
B.ASLP	800
B.Sc. (Internship)	5000/6000*
B. Ed. Sp.Ed. (HI)	400
M.Sc. (Audiology)	1300
M.Sc. (SLP)	1300
M. S. Ed. (HI)	650
PG Diploma Programmes	500
Ph. D. (Aud / SLP / Sp. & Hg.)	I year - 20,000+20% HRA II year - 22000 +20% HRA III year - 25000 +20% HRA
Post Doctoral Fellowship	35,000 + 50,000 Contingency

\* ₹ 6000/- for internship in N.E.states; ₹ 5000/- all other states

## Student Placement

The Placement Cell of the Institute established in the year 2012, acts as a liaison between the final year students and the prospective employers. During the reporting year, the Cell publicized the job opportunities for diploma holders, graduates, post graduates, Ph. D holders in the area of Speech-Language Pathology, Audiology and Special Education in India and abroad among the prospective job seekers at the Institute. The Cell also communicated the prospective employers to seek information regarding vacancies and to utilize the services of Placement Cell to recruit. The details of the activities of the Cell during the reporting year are given in table 6.

Table 6 : Placement Cell Activities

Activity	Numbers
Advertisements displayed	137
No. of posts displayed for Bachelors	66
No. of posts displayed for Masters	60
No. of posts for displayed to others	11
Students placed	66





## 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 research.

Totally, 21 scientific papers published in international peer-reviewed journals on communication and its disorders and 17 clinical cases attended at the Institute were discussed during the journal clubs and clinical conferences held during the reporting year. The details of the journal club papers discussed during the reporting year are given in table 7.

Table 7: Journal Club Presentations

Scientific Paper	Presenter	Date
Candidacy for cochlear implants in individuals with a history of meningitis	Jasiya, Abhijith, Sonal, Manisha	15.04.2016
Effect of Verb Network Strengthening Treatment (VNeST) in persons with aphasia: Extension and replication of previous findings	Amulya, S., Shubhasmita, M., Varsha Vijayan, Vishnupriya, M.S.	21.04.2016
Inner ear vestibular signals regulate bone remodeling via the sympathetic nervous system	Anoopa, J., Devamma, V., Krithika, G., Shivaprasad, S.	28.04.2016
Effectiveness of the corrective babbling speech treatment program for children with a history of cleft palate or velopharyngeal dysfunction	Akshay, M., Bincy, R.K., Devaki, Rashmi	05.05.2016
The behavioural treatment of muscle tension voice disorders: A systematic review	Chayashree, Lokheshwar, Sarga Jose	06.05.2016
Amplitude modulated S-Tones can be superior to noise for tinnitus reduction	Jeena, T.K., Keerthi, S.P., Naveen, C.P., Sreelakshmi, H.D.	12.05.2016
Language and iconic gesture use in procedural discourse by speakers with aphasia	Vantana, Divyashree, K.N., Reshli, Sumanth, P.	01.09.2016
Research designed to explore reported differences in hearing abilities for adults using premium- and basic-feature hearing aids in their daily lives	Angeline, K., Sugathan Adithya, Sam Publius, Chandan, R.	15.09.2016
Effect of hearing aid use on cognitive test performance using a single-subject treatment design.	Raja Suman, Rajesh Kumar, Varsha, M., Disha	22.09.2016
Language proficiency modulates the engagement of cognitive control areas in multilinguals	Santhoshi, Divya Vinod, Eliza Baby, Pooja Sreeram	30.09.2016
Does clinician continuity influence hearing aid outcomes?	Vishwaraj, Chaitra, K.C., Rucha, Sujan	06.10.2016
Broca and Wernicke are dead, or moving past the classical model of language neurobiology	Seshashri, D., Shilpa Abraham, Rakshatha, C., Jyotsna	13.10.2016
Word recognition variability with cochlear implants: Perceptual attention and auditory sensitivity	Varsha, K.N., Suprabha, K., Nikhil, Shruthi, G.N.	20.10.2016
Gestural communication in children with autism spectrum disorders during mother-child interaction	Runali, P., Vasuprada, Reshmitha, Sabeena Taj	27.10.2016



Scientific Paper	Presenter	Date
Effect of vestibular dysfunction on the development of gross motor development function in children with profound hearing loss	Ananya, Nayana, P.V., Shiyaamsundar, Harish Kumar M.K.	02.02.2017
Is two too early? Assessing toddler's phonology	Ameena, Priyadarshini, V., Md. Yasin, H., Revathi, R.	10.02.2017
Using language for social interaction: Communication mechanisms promote recovery from chronic non fluent aphasia	Disha Chedda, Bhavana, P.V., Anagha, B., Rose Leema	16.02.2017
Constraint induced aphasia therapy versus intensive semantic treatment in fluent aphasia	Akrithi Kumar, Juanita Sharon George, Priyanka, Napoleon	23.02.2017
Translation and adaptation of five English language self-report health measures to South Indian Kannada language.	Radhika Mathur, Mayelmit Lepcha, Chandan Kumar Nayak, Ehteshaam Khatri	09.03.2017
Saccadic velocity in the new suppression head impulse test: A new indicator of horizontal vestibular canal paresis and of vestibular compensation.	Aishwarya Lakshmi, Prithvi, T., Jain Slesha, Pathak Mayur	16.03.2017
Auditory brainstem response in noise as a marker of cochlear synaptopathy	Megha K N, Vinayagar P T, Udhay Kumar R, Rakshith S	30.03.2017

The following clinical cases attended at the Institute were discussed in the Clinical conferences held during the reporting year.

1. B/L profound hearing loss
2. Bilateral auditory dysynchrony
3. Bilateral mild sensorineural hearing loss with and without (?) ANSD
4. Bilateral vocal fold paralysis
5. Cluttering and associated auditory processing deficits
6. Cognitive linguistic impairment secondary to Dementia
7. Conductive and anomic aphasia
8. Dysarthria with neurogenic stuttering
9. Expressive language delay with (?) congenital vocal fold paralysis
10. Global developmental delay with hearing loss secondary to Joubert Syndrome
11. Mild hoarse voice secondary to MTD Type II
12. Multidisciplinary approach used for the assessment and management of the problems caused by the neurological disorder
13. Pragmatic language impairment
14. Severe breathy voice due to unilateral vocal fold paralysis (Paediatric)
15. Sturge- Weber Syndrome
16. Usefulness of FM device in individuals with ANSD, especially in the presence of noisy background
17. 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 faculty strength of 58 during the reporting year which includes 44 regular and 14 contract staff. Category-wise, there were 31 lecturers, 14 readers and 13 professors. Two contract teaching staffs 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 8.



Table 8: Guest lectures

Date	Lecturer	Topic
14.05.2016	Prof. Roopa Nagarajan Chairperson & Professor of Speech Language and Hearing Sciences, SRMC, Chennai	<ul style="list-style-type: none"> <li>Challenges in running a speech and hearing center in hospital setup</li> <li>Challenges in running a speech and hearing center in Rural Set-up.</li> <li>Tele practice in Audiology</li> </ul>
14.05.2016	Prof. Rangasayee Director-Technical, Dr. S.R. C Institute of Speech & Hearing, Bengaluru	<ul style="list-style-type: none"> <li>Implementation of laws and legislations in Audiology</li> <li>Problems/challenges in implementing the laws</li> </ul>
14.05.2016	Mr. Sameer P. Ass istant Professor, Speech and Hearing, MCH, Calicut	<ul style="list-style-type: none"> <li>Liasoning with Govt. &amp; Non Govt. Agencies as an audiologist</li> </ul>
14.05.2016	Mr. Ashok Kumar Senior Manager-Speech Therapy and Audiology, Bokaro General Hospital Jharkhand	<ul style="list-style-type: none"> <li>Challenges in working as industrial audiologist</li> </ul>
16.05.2016	Ms. Radhika Pooviah Director, Samvaad Institute of Speech and Hearing, Bengaluru	<ul style="list-style-type: none"> <li>Establishing / running a speech and hearing institution</li> </ul>
27.05.2016	Dr. M. Shivaprasad Reddy, Head, Training & Clinical Development, M/s. Amplifon India Pvt. Ltd. Bengaluru	<ul style="list-style-type: none"> <li>How to face an interview</li> </ul>
31.05.2016	Dr. Sathish Plastic Surgeon Apollo Hospital, Mysuru	<ul style="list-style-type: none"> <li>Surgical issues for CLP</li> </ul>
31.05.2016	Dr. Veena Reader & Orthodontist Farooqia Dental College Mysuru	<ul style="list-style-type: none"> <li>Orthodontic problems and management in CLP</li> </ul>
21.07.2016	Mr. David Goldberg Assistive Technology Professional from New Jersey, USA	<ul style="list-style-type: none"> <li>Interfacing AAC devices to AAC clients</li> </ul>
19.08.2016	Mrs. Anupama Sampath, MS CCC -SLP, USA	<ul style="list-style-type: none"> <li>Early Intervention for children with communication disorders</li> </ul>
26.08.2016	Mr. Augustin Fiala Senior Audiologist KIND Hearing, Singapore	<ul style="list-style-type: none"> <li>Recent advancements in digital hearing aid (Audifon Hearing Aids)</li> </ul>
07.12.2016	Dr. Beula Maria Magimairaj Assistant Professor University of Central Arkansas, USA	<ul style="list-style-type: none"> <li>Development of Working Memory: Implications for Children with Specific Language Impairment</li> </ul>
10.02.2017	Dr. Falk Huettig, Maxplanck Institute, Netherlands	<ul style="list-style-type: none"> <li>Psycho Neurolinguistics</li> </ul>
16.02.2017	Dr. Gary Libben Professor, Brock University, Canada	<ul style="list-style-type: none"> <li>Language processing words of world</li> </ul>



## Inhouse Training /Staff Enrichment Programmes

The institute staff members were given training in recent advances pertaining to their professional field to meet the continuing training needs. Totally, 103 in-house training programmes were carried during the reporting year on the following topics :

1. Listening training
2. Cochlear medical devices
3. Sound & Hearing
4. Data coding and management, course work and academic support; How different is it in USA?
5. Current updates in cochlear implant rehabilitation
6. Tinnitus assessment and management
7. Trend in Hearing Aid dispensing under HDDU
8. Acoustics & specifications of an audiometric setup
9. Insertion gain measurements
10. ADIP CI Scheme
11. Cochlear synaptopathy
12. Disability certificate & its benefits
13. Biometric authentication technology using sound (Bone conduction)
14. Auditory verbal therapy
15. Protocol for audiological testing and hearing aid fitting
16. Potential use of MRI magnetic field to treat and diagnose individuals with balance disorders
17. Cochlear Implant: Mapping
18. Detecting hearing loss & vertigo via blood test
19. Impedance changes and fibrous tissue growth reduction using a dexamethasone eluting electrode
20. Salivary cortisol profile of children with hearing loss
21. Vestibular rehabilitation
22. RBSK-Child health screening & early intervention services under NRHM
23. Cochlear implantation through RBSK & SAST
24. A 3D-printing functioning and omical human middle ear model
25. Optical coherence tomography for diagnosis & evaluation of human otitis media
26. Predatory journals
27. EGG and its validation using stroboscopy
28. Role of physiotherapist in rehabilitation of cerebral palsy
29. Phonological encoding abilities in persons with stuttering - Does a deficit exist in this vista?
30. Prime type and lexical retrieval in Kannada-English bilingual
31. Yoga and communication disorders
32. Angelman syndrome- Case study
33. Standardization of action naming test
34. Creative Art Therapy
35. Recent advancements in implantable hearing devices and optimization of hearing aids and voice assessment
36. Facilities and concessions available for individuals with communication disorders
37. Diet for special children and its effect on their behaviour
38. Case series: Post therapy
39. Autoclaving procedure
40. Provided training in clinical co-relation of thyroid profile in thyroid disorders
41. Sterilization of instruments.
42. Positioning of paediatric patients for ENT Examination
43. Cleaning of scution apparatus
44. Identifying Bio-medical waste and disposal
45. Positioning patients for microscopy/ Endoscopic procedures
46. How to communicate and talk to patients or their attendants.
47. Current concepts in Sterilization and autoclaving
48. Bio-Medical Waste Management
49. Development of soft skills and nursing ethics in the management of Patient care.
50. VNG, ENG & VEMP.
51. Awareness to Financial & Income tax planning

52. Apple technology for teaching & learning
53. Induction training program for professionals on Newborn screening program & communication disorders IV
54. Unilateral cleft palate deformity: Recurrent meningitis due to insufficient newborn hearing screening.
55. Aetiologic diagnosis of hearing loss in children identified through newborn hearing screening testing.
56. Epidemiologic studies of exposure to prenatal infection and risk of schizophrenia and autism.
57. Risk for preterm and very preterm delivery in women who were born preterm.
58. Intensive care unit: results of the newborn hearing screening
59. Efficacy of screening instruments in the identification of autistic-spectrum disorders.
60. Knowledge and attitude (KA) survey regarding infant hearing loss in Karnataka, India
61. Newborn Screening: Primitive reflexes & speech language developmental milestones.
62. Infant hearing screening in India: Current status and way forward.
63. Stress management and human values
64. An analysis of errors made by children with hearing impairment in mathematics
65. Use of statistics in Education
66. Effect of customized behavioral intervention for problem behaviour as distinguished from skill deficit in children with Autism
67. Advanced Coaches Training Program
68. Comprehensive management of children with cerebral palsy
69. Design and development of apps
70. Digital archives
71. Tele-Rehabilitation Enrichment of Knowledge and Skills
72. Technical Writing
73. Photography
74. Micro-Soft Office
75. Technical writing - Phase II
76. Drawing & editing using Corel Draw

## Orientation Programmes

The Institute conducted 187 orientation and short-term training programmes on various aspects of communication and its disorders. More than four thousand persons including speech and hearing and allied professionals, doctors, students, researchers, lawyers, forensic scientists, ungarward workers, educators, family members and care givers of persons with communication disorders, parents of children with special needs from all over the country benefited from these programmes.





## Conferences/Seminars/Workshops

Totally, 34 conferences / seminars / training / workshops were organized by different Departments of the institute during the reporting year. The details are given below.



1. Workshop on Dissertation Topic-Identification Process and Designing of Research Methodologies, organized by the Department of Audiology, under the coordination of Dr. Sandeep M. & Mr. Nike G. on 15<sup>th</sup> May 2016.
2. 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 K.J.S & Mr. Prashanth Prabhu on 26<sup>th</sup> May 2016.
3. Workshop on Preparing Database of Questions for Assessing Student Clinicians, organized by the Department of Audiology under the coordination of Dr. Sandeep M., on 25<sup>th</sup> June 2016.
4. Play-way Learning and Materials for Infants, Toddlers & Pre-schoolers with Communication Disorders, organized by the Department of Special Education under the coordination of Dr. Malar G., Ms. Asha Suresh E. G., & Mr. Gururaj D. on 14-15 July 2016.
5. Workshop on Designing Public Education Material using Corel Draw, organized by the Department of Material Development under the coordination of Dr. Vasantha Lakshmi M S., & Mr. Manikantaswamy on 15<sup>th</sup> July 2016.
6. National Seminar on Recent Advancements in Implantable Hearing Devices, organized by the Department of Audiology under the coordination of Dr. Manjula P., Ms. Geetha C. & Dr. Hemanth N., on 16<sup>th</sup> August 2016.
7. National Seminar on Optimization of Hearing Aids, organized by the Department of Audiology under the coordination of Dr. Manjula P., Ms. Geetha C. & Dr. Hemanth N. on 17<sup>th</sup> August 2016.
8. Workshop on Recent Developments in Information & Communication Technology, organized by the Department of Electronics under the coordination of Mr. Manohar, N. on 20<sup>th</sup> August 2016.

9. National Workshop on Creative Art Therapy for Children with Special Needs-When Words are Not Enough, organized by the Department of Special Education under the coordination of Dr. Kadambari N., Ms. B.N. Shobha & Mr. Rajkumar R. on 29<sup>th</sup> August 2016 - 2<sup>nd</sup> September 2016.
10. National Seminar on Directions in Assessment and Management of Tinnitus, organized by the Department of Audiology under the coordination of Mr. Sreeraj K., Dr. Jijo P.M. & Mr. Vikas M.D. on 8-9 September 2016.
11. International Workshop on Advancements in Audiometric Calibration, organized by the Department of Electronics, under the coordination of Dr. Ajish K. Abraham on 13<sup>th</sup> September 2016.
12. Workshop on Assistive Technology Hackathon, organized by Department of the Electronics in collaboration with IEEE under the coordination of Dr. Ajish K. Abraham on 24<sup>th</sup> September 2016.
13. Workshop on Basics of Translation, organized by the Department of Material Development under the coordination of Dr. Brajesh Priyadarshi, and Ms. Nithyashree R. on 30<sup>th</sup> November 2016.
14. 2<sup>nd</sup> National Workshop on Clinical Aphasiology, organized by the Department of Speech-Language Pathology under the coordination of Dr. S. P. Goswami, on 1-2 October 2016.
15. Seminar on Newborn Screening: Initiatives towards Prevention and Early Identification of Communication Disorders, organized by the Department of Prevention of Communication Disorders under the coordination of Dr. Animesh Barman, Dr. Jayashree C Shanbal & Mr. Arunraj K. on 6<sup>th</sup> October 2016.
16. Level 1 - Sensitization and Awareness of Doctors and Audiologists at the Medical College Level for Prevention, Early Identification and Management of Hearing Impaired and Deafness Cases, jointly organized by the Department of Audiology with the National Program on Prevention and Control of Deafness (NPPCD) of the Ministry of Health and Family Welfare, Govt. of India under the coordination of Dr. P. Manjula on 18<sup>th</sup> October 2016.
17. RCI-CRE National Workshop on Assessment and Management of Stuttering, organized by the Department of Speech-Language Sciences under the coordination of Dr. M. Santosh on 20-21 October 2016.
18. Workshop on Educational Management of Children with Communication Disorders at Secondary School Stage, organized by the Department of Special Education under the coordination of Dr. Prithi Venkatesh & Dr. Palnaty Vijetha on 9-10 November 2016.
19. Webinar on Noise Induced Hearing Loss, organized by the Department of Audiology in collaboration with the University of Southampton, USA under the coordination of Mirrin Raikhan, Manager, Education UK, South India and Dr. Ajith Kumar, AIISH, Mysuru on 18<sup>th</sup> November 2016.
20. Workshop on Understanding, Preventing and Managing Skill & Problem Behaviours in Children with Developmental Disabilities, organized by the Department of Clinical Psychology under the coordination of Dr. Amrita Kanchan & Dr. Sanjeev Kumar Gupta on 24<sup>th</sup> November 2016.
21. Workshop on Evaluation of Auditory Processing Abilities in School going Children, organized by Department of Audiology under the coordination of Dr. Asha Yathiraj & Ms. Mamatha N. M. on 30<sup>th</sup> November 2016.
22. Workshop on The Science of Classification: A Journey through ICD and DSM, organized by the Department of Clinical Psychology under the coordination of Mr. Freddy Antony, Hariharan V. & Mr. Shyam H. R., on 9<sup>th</sup> December 2016.
23. National Conference of Alzheimers and Related Disorders of India, organized by the Department of Speech-Language Pathology under the coordination of Dr. S. P. Goswami on 10-11 December 2016.



24. Workshop on Recent Clinical Practices in Speech Language Rehabilitation for Persons with Hearing Impairment, organized by the Department of Clinical Services under the coordination of Ms. Preethi Thomas & Ms. Geetha M.P. on 2<sup>nd</sup> January 2017.
25. National Seminar on New Horizons in Inclusive Education, organized by the Department of Special Education under the coordination of Dr. Alok Kumar Upadhyay & Ms. Manjula P.V. on 13<sup>th</sup> January 2017.
26. International Workshop on Construction and Analyses of Experiments in Human Neurophysiology (EEGLAB workshop), organized by the Department of Audiology under the coordination of Dr. Ajith Kumar U., and Dr. Sandeep M. on 16-20 January 2017.
27. Workshop on Diet for Children with Communication Problems & its Effect on their Behavior, organized by the Department of Audiology under the coordination of Dr. Asha Yathiraj, Ms. Revathi, Ms. Megha & Mr. Jawahar Antony on 3<sup>rd</sup> February 2017.
28. Workshop on Comprehensive Management of Children with Cerebral Palsy, organized jointly by the Department of Clinical Services and the Department of Speech-Language Pathology under the coordination of & Dr. Sreedevi N., & Dr. Swapna, N. on 10-11 February 2017.
29. Workshop on Ear Mould Technology, organized by the Department of Audiology under the coordination of Dr. Devi N. & Mr. Vivek A. on 20<sup>th</sup> February 2017.
30. ISO 9001:2015 Awareness Training Programme organized by the ISO Implementation Cell under the coordination of Mr. Ramkumar S., & Mr. Bharath S. on 22<sup>nd</sup> February 2017.
31. National Seminar on Voice Assessment, organized by the Department of Speech-Language Sciences under the coordination of Dr. T. Jayakumar on 7<sup>th</sup> March 2017.
32. Workshop on Ear Mould Technology, organized by the Department of Audiology under the coordination of Dr. Devi N. & Mr. Vivek A. on 8-9 March 2017.
33. ISO 9001:2015 Internal Auditor Training Programme organized by the ISO Implementation Cell under the coordination of Mr. Ramkumar S., & Mr. Bharath S. on 23-24 March 2017.
34. National Workshop on Coarticulation, organized by the Department of Clinical Services under the coordination of Dr. Sreedevi, N. on 24<sup>th</sup> March 2017.



## 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 259 such invited talks were delivered during the reporting year, the details of which are given below.



### **Dr. S. R. Savithri, Professor of Speech Sciences and Director**

- Overview of Voice Assessment. Lecture delivered at the National Seminar on Voice Assessment, organized by AIISH, Mysuru on 7<sup>th</sup> March 2017.
- Acoustic analyses of voice. LVA SLP oration lecture delivered at the 2<sup>nd</sup> SAARC International Conference and 5<sup>th</sup> Annual Conference of Laryngology and Voice Association, Laryngology Summit 2016, Ahmedabad on 30<sup>th</sup> September, 1<sup>st</sup> and 2<sup>nd</sup> October 2016. Acoustics of stuttering. Lecture delivered at the Workshop on stuttering organized by AIISH, Mysuru on 21<sup>st</sup> October 2016.
- Key note address delivered at the Acoustic Workshop Inauguration organized by JSS ISH on 24<sup>th</sup> November 2016.
- Coarticulatory Perception. Lecture delivered at the Workshop on Coarticulation organized by AIISH, Mysuru on 24<sup>th</sup> March 2017

### **Dr. Asha Yathiraj, Professor of Audiology**

- Recent advances in cochlear implants and speech perception. Lecture delivered at the National Seminar on Recent Advancements in Implantable Hearing Devices, organized by AIISH, Mysuru on 16<sup>th</sup> August 2016.
- Screening for auditory processing abilities in school children. Lecture delivered at the Workshop on Evaluation of Auditory Processing Abilities in School-going Children, organized by AIISH, Mysuru on 30<sup>th</sup> November 2017.
- Importance of diet in children with communication problems. Lecture delivered at Workshop on Diet for Children with Communication Problems & its Effect on their Behavior, organized by AIISH, Mysuru on 3<sup>rd</sup> February 2017.
- Rehabilitation of cochlear implant recipients. Key note address delivered at the National CRE programme on Rehabilitation of Cochlear Implant Recipients: Illustrative Case Studies organized by the Dr. S.R. Chandrasekhar Institute of Speech and Hearing, Bangalore on 19-20 August 2016.



- Auditory Processing Disorders and its link to Dyslexia. Lecture delivered at the National Conference organized by the Madras Dyslexia Association, IIT Madras Campus, Adyar, Chennai on 3<sup>rd</sup> December 2016.
- Central auditory processing. Lecture delivered at the Medical Education Programme Vak-Shravan 2017 at JSS Medical College on 10<sup>th</sup> February 2017.
- Pediatric application of speech audiometry. Lecture delivered at the National Symposium on Speech Audiometry: The essentials in its Development and application-A Scope Review organized by Manipal University on 10<sup>th</sup> November 2016.

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

- Recent advances in the assessment of communication disorders. Lecture delivered at the National Seminar on Emerging Trends in Diagnosis and Management of Cognitive Communicative Disorders, organized by ICCONS, Shornoor, Kerala on 4-5 June 2016.
- Recent advances in the management of communication disorders. Lecture delivered at the National Seminar on Emerging Trends in Diagnosis and Management of Cognitive Communicative Disorders, organized by ICCONS, Shornoor, Kerala on 4-5 June 2016.

### **Dr. S. Venkatesan, Professor of Clinical Psychology**

- Managing behaviour problem. Lecture delivered at the Meet the Parents Programme organized by the Audiology India, Mysuru on 18<sup>th</sup> December 2016.
- Developing soft skills among higher secondary school students. Lecture delivered at the 5-day Training Program on Career Guidance for the Higher Secondary School Students organized by the Regional Institute of Education on 16<sup>th</sup> February 2017.
- Innovative practices for clinical counselling in Indian context. Theme presentation at the National Conference on Guidance and Counselling in India: Status, Trends, Practices and Innovations organized by Regional Institute of Education, Mysuru on 16-18 November, 2016.
- Identification and Management of Behaviour Problems in Children with Developmental Disabilities. Inaugural and Valedictory Speeches delivered at the one day National Workshop on Identification and Management of Behaviour Problems in Children with Developmental Disabilities organised by AIISH, Mysuru on 24<sup>th</sup> November 2016.

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

- Overview of Learning Disability. Lecture delivered at the Parent Enrichment and Remediation of Literacy Pogram (PEaRL) organized by AIISH, Mysuru on 26<sup>th</sup> October 2016.

### **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 AIISH, Mysuru on 21<sup>st</sup> October 2016.

### **Dr. P. Manjula, Professor of Audiology**

- Implantable hearing devices: An overview. Lecture delivered at the National Seminar on Recent Advancements in Implantable Hearing Devices, organized by AIISH, Mysuru on 16<sup>th</sup> August 2016.
- Habituation based audiological management of tinnitus. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru on 9<sup>th</sup> September 2016.
- Audiological management: An overview of hearing devices and hearing aid selection in camps. Lecture delivered at the Level 1 Sensitization programme for Doctors, National Programme for

Prevention and Control of Deafness organized by AIISH, Mysuru on 18-24 October 2016.

- Paediatric amplification. Lecture delivered at the University of Kelaniya, Sri Lanka, on 11<sup>th</sup> February 2017.
- Audiological management of auditory dyssynchrony. Lecture delivered at the University of Kelaniya, Sri Lanka on 11<sup>th</sup> February, 2017.
- Audiological management of cochlear dead regions. Lecture delivered at the University of Kelaniya, Sri Lanka on 11<sup>th</sup> February, 2017.
- Audiological management of tinnitus. Lecture delivered at University of Kelaniya, Sri Lanka, on 11<sup>th</sup> February 2017.
- Pediatric hearing instrument fitting. Lecture delivered at the AUDISHCON 2017, Dr. S.R. Chandrashekar Institute of Speech & Hearing, Bengaluru, on 10<sup>th</sup> March 2017.

### **Dr. M. Pushpavathi, Professor of Speech Pathology**

- Cineradiography and application in CLP. Lecture delivered at the Department of Audiology & Speech Language Pathology, Bharathiya Vidyapeetha, Pune on 31<sup>st</sup> March 2017.

### **Dr. Ajish K. Abraham, Professor of Electronics**

- Noise pollution: Sources, environment and audit protocols. Lecture delivered at the Father Muller College of Speech and Hearing, Mangalore on 2<sup>nd</sup> April 2016.
- Trouble shooting of hearing aids in the inclusive class room setup. Lecture delivered at the Workshop on Facilitating for Successive Transition from Preschool to Mainstream School, organized by Department of Special Education, AIISH, Mysuru on 28<sup>th</sup> April 2016.
- Digital signal processing strategies in hearing aids and cochlear implants. Lecture delivered at the Faculty Development Program on Recent Trends in Biomedical Engineering, organized by TKM College of Engineering, Kollam, Kerala on 21<sup>st</sup> July 2016.
- Signal processing strategies for assessing the severity of disordered speech. Lecture delivered at the National Research Colloquium cum Workshop on Recent Advancements in Signal Processing for Speech, Image and Communication organized by Rajiv Gandhi Institute of Technology, Kottayam, Kerala on 26<sup>th</sup> August 2016.
- Speech processing. Lecture delivered at the Vishwajyothi College of Engineering and Technology, Vazhakulam, Kerala on 27<sup>th</sup> August 2016.
- Digital hearing aids and cochlear implants. Special lecture delivered at JSS Technical University, Mysuru on 8<sup>th</sup> December 2016.
- Processing strategies for disordered speech. Lecture delivered at the Workshop on Image and Speech Processing organized by International Institute of Information Technology, Hyderabad on 24<sup>th</sup> December 2016.
- Science and Technology for persons with communication disorders. Lecture delivered at the National Science Day, organized by Yuvaraja's College, Mysuru on 28<sup>th</sup> February 2017.
- Science and Technology for persons with speech and hearing impairment. Lecture delivered at the National Science Day, organized by Sharada Vilas College, Mysuru on 28<sup>th</sup> February 2017.
- Calibration of audiometers. Lecture delivered at JSS Institute of Speech and Hearing, Mysuru on 4<sup>th</sup> March 2017.

### **Dr. S. P. Goswami, Professor of Speech Pathology**

- Cognitive communication interventions in persons with dementia. Lecture delivered at ARDSICON 2016 organized by AIISH, Mysuru on 10-11 December 2016.
- Disability to ability: Bridging the gap with technology. Lecture delivered at the National Science Day Celebration organized by Sir M Visvesvaraya PG Center, Tiruvananthapuram, Mandya on 28<sup>th</sup> February 2017.



- Clinical session on language-make in India tools. Lecture delivered at the 49<sup>th</sup> Indian Speech & Hearing Association Conference, on 6-7 January 2017.

### **Dr. Animesh Barman, Professor of Audiology**

- Overview of hearing and hearing loss. Lecture delivered at the Level 1 Sensitization Programme, National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 18-24 October 2016.
- Early identification of hearing loss and referral. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru from 18-24 October 2016.
- Tracking tools for early identification of communication disorders. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards of Prevention and Early Identification of Communication Disorders, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Challenges & opportunities for newborn screening programs in India. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards Prevention and Early Identification of Communication Disorders organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Hearing evaluation: Screening, diagnostic, hearing evaluation in camps & referral. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 19-20 October, 2016.
- Overview of role of hearing and its structures, hearing impairment and early identification of hearing loss. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 19-20 October, 2016.

### **Dr. Ajith Kumar U., Reader in Audiology**

- Hearing aid and cognition. Lecture delivered at the National Seminar on Optimization of Hearing Aids, organized by AIISH, Mysuru, on 17<sup>th</sup> August 2016.
- Hearing evaluation. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru from 18-24 October 2016.





- Diagnosis of children with APD. Lecture delivered at Evaluation of Auditory Processing Abilities in School going Children organized by AIISH, Mysuru on 30<sup>th</sup> November 2017.
- Speech audiometry: Selection, development & instrumentation. Lecture delivered at the National Symposium on Speech Audiometry: The essentials in its Development and Application- A Scope Review, organized by Manipal University on 10<sup>th</sup> November 2016.
- Pre-attentive Neural Correlates of Auditory Spatial Processing in Individuals with Sensorineural Hearing loss. Paper presented at EEGLAB workshop held at AIISH from 16-20 Jan 2017.
- Speech Perception in Individuals with Normal Hearing and Auditory Neuropathy Spectrum Disorder: an Electrophysiological Study.
- Effect of noise on Speech Perception in Individuals with Normal Hearing and Auditory Neuropathy Spectrum Disorder: an Electrophysiological Study. Paper presented at EEGLAB workshop held at AIISH from 16-20 Jan 2017.

### **Dr. Sreedevi, N., Reader in Speech Sciences**

- An overview of aerodynamic analysis and its applications. Lecture delivered at the Mangalore Academy of Professional Sciences, Mangalore on 27<sup>th</sup> September 2016.
- Physiological measures in voice assessment. Lecture delivered at the National Seminar on Voice Assessment, organized by AIISH, Mysuru on 7<sup>th</sup> March 2017.
- Acoustic evidences of coarticulation. Lecture delivered at the National Workshop on Coarticulation, organized by AIISH, Mysuru on 24<sup>th</sup> March 2017.
- Physiological measures in Voice Assessment. Lecture delivered at the National Seminar on Voice Assessment, organized by AIISH, Mysuru on 7<sup>th</sup> March 2017.

### **Dr. K. Yeshoda, Reader in Speech Sciences**

- Multi-dimensional voice profile and voice range profile in voice assessment. Lecture delivered at the National Workshop on Voice Assessment, organized by AIISH, Mysuru on 31<sup>st</sup> March 2016.
- Voice care and voice conservation. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Voice care and voice conservation. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation organized by AIISH, Mysuru on 25<sup>th</sup> October 2016.
- Voice production: Theory and principles. Lecture delivered at the National Seminar on Voice Assessment, organized by AIISH, Mysuru on 7<sup>th</sup> March 2017.
- Traditional voice assessment methods (Perceptual and Acoustic). Lecture delivered at the National Seminar on Voice Assessment, organized AIISH, Mysuru on 7<sup>th</sup> March 2017.

### **Dr. Jayashree C. Shanbal, Reader in Language Pathology**

- Communication disorders and its importance of early identification & intervention. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards of Prevention and Early Identification of Communication Disorders, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Autism Spectrum Disorders: Definition, types and characteristics. Lecture delivered at the Training Program on Curricular Adaptation of Children with Special Needs, organized by AIISH, Mysuru on 1<sup>st</sup> April, 2016.
- Introduction to learning disability and classroom management of children with LD. Lecture delivered at the Educational Management of Children with Communication Disorders, organized by AIISH, Mysuru on 9<sup>th</sup> November 2016.
- Learning disability. Lecture delivered at the Workshop on Identification of Learning Disability in School Children, organized by MGM Trust, Mudigere, Chikmangalur on 11<sup>th</sup> November, 2016.



- Research and development labs of the Institute. Lecture delivered at the India International Science Fest (IISF) 2016, organized by IISF, New Delhi on 8-11 December 2016.

### **Dr. N. Swapna, Reader in Speech Pathology**

- Overview on cerebral palsy. Lecture delivered at the World Cerebral Palsy Day, organized by AIISH, Mysuru on 5<sup>th</sup> October, 2016.
- Introduction to early childhood special education. Lecture delivered at the Workshop on Play way Learning and Materials for Infants, Toddlers and Pre-schoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.
- Introduction to cerebral palsy and classroom management of children with CP. Lecture delivered at the Training program on Educational Management of Children with Communication Disorders at Secondary School Stage, organized by AIISH, Mysuru on 9 and 10 November 2016.
- Feeding and oro-motor developmental milestones. Lecture delivered at the Conference on Assessment and Management of Feeding and Swallowing Problems in Children with Cerebral Palsy- A Multidisciplinary Approach, organized by SOAHS, MU, Interact 2c., Manipal on 23<sup>th</sup> February 2017.
- Objective assessment of feeding and swallowing in children with cerebral palsy. Lecture delivered at the Conference on Assessment and Management of Feeding and Swallowing Problems in Children with Cerebral Palsy- A Multidisciplinary Approach, organized by SOAHS, MU, Interact 2c., Manipal, on 24<sup>th</sup> February 2017.
- Specific treatment techniques and instructions for facilitating feeding & swallowing in children with cerebral palsy. Lecture delivered at the Conference on Assessment and Management of Feeding and Swallowing Problems in Children with Cerebral Palsy- A Multidisciplinary Approach, organized by SOAHS, MU, Interact 2c., Manipal, on 24<sup>th</sup> February 2017.
- Neurological speech disorders. Lecture delivered at the Two day Pre Conference on National Level Multidisciplinary Conference, organized by CDMRP-Dept. of Psychology, University of Calicut & Physio club, Malappuram, in association with KBAIOTA, ISHA\_KSB, IACP-MC. on 7-8 October, 2016.
- Communication and Swallowing in Children with Cerebral Palsy: From a Better Understanding to Better Management. Lecture delivered at the National Level Multidisciplinary Conference, organized by CDMRP-Dept. of Psychology, University of Calicut & Physio club, Malappuram, in association with KBAIOTA, ISHA\_KSB, IACP-MC., 9<sup>th</sup> October 2016.

### **Dr. Sandeep, M., Reader in Audiology**

- Recording of LLR & P300. Lecture delivered at the National conference on Auditory evoked potentials, HCC FlaSH Series I, Holy Cross College, Tiruchirappalli on 15-18 February, 2017.
- Application of LLR & P300. Lecture delivered at the National conference on Auditory evoked potentials, HCC FlaSH Series I, Holy Cross College, Tiruchirappalli on 15-18 February, 2017.
- Hands on training on LLR. Lecture delivered at the National conference on Auditory evoked potentials, HCC FlaSH Series I, Holy Cross College, Tiruchirappalli on 15-18 February, 2017.
- Diagnostic applications of speech audiometry. Lecture delivered at the National Symposium on Speech Audiometry : The Essentials in its Development and Application-A Scope Review organized by the Manipal University on 10<sup>th</sup> November 2016.

### **Dr. M. Santosh, Reader in Speech Sciences**

- Introduction to stuttering. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by AIISH, Mysuru on 20<sup>th</sup> October 2016.
- Management of children with stuttering. Lecture delivered at the National Workshop on Assessment and Management of Stuttering, organized by AIISH, Mysuru on 21<sup>st</sup> October 2016.

- Management of stuttering in children and adults who stutter. Lecture delivered at the 49<sup>th</sup> Indian Speech and Hearing Association Conference, organized by ISHA, Kolkata on 7<sup>th</sup> January 2017.

### **Dr. Alok Kumar Upadhyay, Reader in Special Education**

- Overview of training in cognitive skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.
- Communication Options: Oralism & Total Communication. Lecture delivered at the National Workshop on Communication Options, organized by Guru Ghasidas Central University, Bilaspur, Chattisgarh, on 23-24 March 2017.
- Best practices in inclusive education. Lecture delivered at the National Seminar on New Horizons in Inclusive Education, organized by AIISH, Mysuru, on 13<sup>th</sup> January 2017.
- Demonstration of cognitive skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Dr. Sujeet Kumar Sinha, Reader in Audiology**

- Understanding tinnitus pathophysiology. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru, on 8<sup>th</sup> September 2016.
- Role of vestibular evoked myogenic potentials in assessment of vestibular disorders. Lecture delivered at the Otocon-2016, Sri Guru Ram Das Institute of medical Sciences & Research, Amritsar on 9-11 December 2016.
- Role of video head impulse test in assessment of peripheral vestibular disorders. Lecture delivered at the Otocon-2016, Sri Guru Ram Das Institute of medical Sciences & Research, Amritsar on 9-11 December 2016.
- Handson video impulse test. Lecture delivered at the 36<sup>th</sup> Annual Conference of the Society, 'NES 2017' at AIIMS, Bhubaneshwar on 4<sup>th</sup> January 2017.
- Assessment of vestibular system. Lecture delivered at the 36<sup>th</sup> Annual Conference of the Society, 'NES 2017' at AIIMS, Bhubaneshwar, on 4<sup>th</sup> January 2017.
- Basics of balance system. Lecture delivered at the National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli on 15<sup>th</sup> February 2017.
- Subjective evaluation of vertigo. Lecture delivered at the National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli, on 15<sup>th</sup> February 2017.
- Application of cervical vestibular evoked myogenic potentials. Lecture delivered at the National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli, on 15<sup>th</sup> February 2017.
- Demonstration of cervical vestibular evoked myogenic potentials. Lecture delivered at the National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Department of Audiology & Speech Language Pathology, Holy Cross College, Tiruchirappalli, on 15<sup>th</sup> February 2017.
- Performing and interpreting vestibular test-cVEMP. Lecture delivered on the Seminar on Advances in Assessment and Management of Vestibular and Swallowing Disorders held at Baby Memorial Hospital, on 29 May 2016.

### **Dr. T. Jayakumar, Reader in Speech Sciences**

- Causes of voice disorders. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.



- Causes of voice disorders. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation, organized by AIISH, Mysuru on 25<sup>th</sup> October 2016.
- Multi-dimensional aspect of voice assessment. Lecture delivered at the National Seminar on Voice Assessment, organized by Dept. of Speech-Language Sciences, AIISH, Mysuru on 7<sup>th</sup> March 2017.

### **Dr. Vasantha Lakshmi M.S., Reader in Biostatistics**

- Introduction to statistics. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.
- Data entry in SPSS. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.
- Comparison of two means and nonparametric equivalents. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.

### **Dr. G. Malar, Reader in Special Education**

- Overview of training in cognitive skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.
- Drafting schedule for physical survey of early childhood centers. Lecture delivered at the Workshop for Developing and Finalizing Tools for Carrying out a Study of the Status of Pre-primary Education in the South Indian States, organized by Regional Institute of Education, Mysuru on 5-6 October 2016.
- Appropriate school placement. Lecture delivered at the Workshop for Facilitating Successful Transition from Preschool to Mainstream School of Outgoing Children of Preschool, organized by AIISH, Mysuru on 28<sup>th</sup> April 2016.
- Changing roles of special education: In Present Scenario. Lecture delivered at the National Seminar on New Horizons in Inclusive Education, organized by AIISH, Mysuru on 13<sup>th</sup> January 2017.
- Curriculum adaptation for students with learning disability. Lecture delivered at PAC programme, organized by Regional Institute of Education, Mysuru on 18<sup>th</sup> February 2017.
- Demonstration of self-help skills . Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.

### **Dr. Prithi Venkatesh, Lecturer in Special Education**

- Overview of training in language and communication skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.
- Barriers in school environment and management of those barriers. Lecture delivered at the Workshop for Facilitating Successful Transition from Preschool to Mainstream School of Outgoing Children of Preschool, organized by AIISH, Mysuru, on 28<sup>th</sup> April 2016.
- Assessment instruments for identifying difficulties in mathematics and mastery learning- Concepts and strategies. Lecture delivered at the PAC programme, organized by Regional Institute of Education, Mysuru on 14-15 February 2017.
- Demonstration of language and communication skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Dr. Palnaty Vijetha, Lecturer in Special Education**

- Overview of training in pre-academic skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.

- Different ways of using official language Hindi in scientific workshops. Lecture delivered at the Hindi Workshop organized by AIISH, Mysuru on 28<sup>th</sup> February 2017.
- Demonstration of preacademic skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Dr. N. Devi, Lecture in Audiology**

- Introduction on ear moulds and its different styles; Materials used in ear mould making. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Need for acoustics modification of ear moulds. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Acoustic modifications in ear mould. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Introduction on ear moulds and its different styles: Materials used in ear mould making. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Need for acoustics modification of ear moulds. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Acoustic modifications in ear mould. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Speech reading training for adults with HI. Lecture delivered at the Workshop on Tele-orientation, organized by AIISH, Mysuru, on 31<sup>st</sup> March 2017.

### **Ms. Mamatha N.M., Lecturer in Audiology**

- Importance of auditory processing abilities in school children. Lecture delivered at the Workshop on Evaluation of Auditory Processing Abilities in School-going Children, organized by AIISH, Mysuru, on 30<sup>th</sup> November 2016.
- Management of children with APD in school children. Lecture delivered at the Workshop on Evaluation of auditory processing abilities in school going children, organized by AIISH, Mysuru on 30<sup>th</sup> November 2016.

### **Mr. Manohar N., Lecturer in Electronics**

- Advances in digital signal processing. Special lecture delivered at Channabasappa Institute of Technology, Gubbi on 26<sup>th</sup> September 2016.
- Physics in hearing aids. Special lecture delivered on National Science Day at SBRR Mahajana First Grade College, Mysuru on 27<sup>th</sup> February 2017.
- Introduction to Hearing Aids. Special lecture delivered on National Science Day at Kalpataru Institute of Technology, Tiptur on 28<sup>th</sup> February 2017.

### **Dr. Sangeetha Mahesh, Clinical Lecturer**

- Assessment of adults with stuttering. Lecture delivered at Workshop on Assessment and Management of Stuttering organized by AIISH, Mysuru on 20<sup>th</sup> October, 2016.
- Introduction to speech disorders. Lecture delivered at the Training Program on Educational Management of Children with Communication Disorders at Secondary School Stage organized by AIISH, Mysuru on 9<sup>th</sup> November 2016.
- Role of teachers in the management of stuttering. Lecture delivered at Orientation Programme to Teachers as a part of Commemoration of International Stuttering Awareness Day, organized by AIISH, Mysuru on 24<sup>th</sup> November 2016.



### **Dr. Niraj Kumar Singh, Lecturer in Audiology**

- Early identification of hearing loss & Hearing screening. Lecture delivered at the National Programme for Prevention and Control of Deafness, organized by AIISH, Mysuru on 18-24 October 2016.
- Balance Assessment (Part-I). Lecture delivered at the Indian speech and hearing Association Webinar, on 30<sup>th</sup> April 2016.
- Performing and interpreting vestibular test-oVEMP. Lecture delivered at the Seminar on Advances in Assessment and Management of Vestibular and Swallowing disorders organized by Baby Memorial Hospital, Calicut on 29-30 May 2016.

### **Dr. Rajasudhakar, R., Lecturer in Speech Sciences**

- Acoustic analysis of voice using freewares. Lecture delivered at the National Workshop on Voice Assessment, organized by AIISH, Mysuru on 30<sup>th</sup> March 2016.
- Anatomy and physiology of vocal system. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Anatomy and physiology of vocal system. Lecture delivered at the Orientation Program on Voice Care and Voice Conservation, organized by AIISH, Mysuru on 25<sup>th</sup> October 2016.

### **Ms. Geetha C., Lecturer in Audiology**

- Optimization of hearing aid parameters. Lecture delivered at the National Seminar on Optimization of Hearing Aids, organized by AIISH, Mysuru on 17<sup>th</sup> August 2016.
- Sound therapy based audiological management of tinnitus. Lecture delivered at National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru on 9<sup>th</sup> September 2016.
- Audiological management : Hearing aids, cochlear implant, ALD, listening and speech-language training. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 18-24 October 2016.
- Auditory processing deficits and remedial measures. Lecture delivered at the Training Programme for Secondary Teachers on Learning Disability organized by Regional Institute of Education, Mysuru, on 20<sup>th</sup> February 2017.
- Material preparation for a session/goal. Lecture delivered at the National CRE Programme on Rehabilitation of Cochlear Implant Recipients: Illustrative Case Studies organized by Dr. S.R. Chandrasekhar Institute of Speech and hearing, Bangalore on 19-20 August 2016.

### **Mr. Sreeraj, K., Lecturer in Audiology**

- Directions in assessment of tinnitus audiological aspects. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru on 8<sup>th</sup> September 2016.

### **Mr. Gopikishore Pebbili, Lecturer in Speech Pathology**

- Aerodynamic assessment of voice. Lecture delivered at the National Seminar on Voice Assessment, organized by AIISH, Mysuru on 7<sup>th</sup> March 2017.

### **Mr. Freddy Antony, Lecturer in Clinical Psychology**

- Stress Management. Lecture delivered at the Workshop on Facilitating for Successive Transition

from Pre-School to Mainstream School, organized by AIISH, Mysuru on 28<sup>th</sup> April 2016.

- Handling behavioural issues during speech therapy. Lecture delivered at Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 10-11 February 2017.
- Change: Resistance & human inertia. Special Invited Lecture delivered at SBRR Mahajana First Grade College, Mysuru on 11<sup>th</sup> March, 2017.

### **Mr. Prashanth Prabhu P., Lecturer in Audiology**

- Care, maintenance and troubleshooting of digital hearing aids. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by AIISH, Mysuru on 26<sup>th</sup> May 2016.
- Models of tinnitus generation. Lecture delivered at the National Seminar on Directions in Assessment and management of Tinnitus, organized by AIISH, Mysuru on 8<sup>th</sup> September 2016.
- Video on activities of the institute. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness, organized by AIISH, Mysuru on 18-24 October 2016.
- Differentiating children with APF from other conditions. Lecture delivered at the Workshop on Evaluation of Auditory Processing Abilities in School-going Children, organized by AIISH, Mysuru on 30<sup>th</sup> November 2017.
- Hearing loss-its causes and prevention. Lecture delivered at the Mysuru Science Foundation, Mysuru on 11<sup>th</sup> February 2017.

### **Dr. Amrita Kanchan, Lecturer in Clinical Psychology**

- Introduction to skill training, techniques in skill training. Lecture delivered at the Workshop on Understanding, Preventing and Managing Skill and Problem Behaviours in Children with Developmental Disabilities, AIISH, Mysuru on 24<sup>th</sup> November 2016.

### **Dr. C.D. Santosha, Lecturer in Biostatistics**

- Descriptive statistics. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.
- Cross tabulations. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.
- Test for normality. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.
- Graphical techniques. Lecture delivered at the Workshop on Use of Statistics in Education organized by AIISH, Mysuru on 4<sup>th</sup> October 2016.

### **Dr. Jijo P.M., Lecturer in Audiology**

- Hearing devices to those with auditory dyssynchrony. Lecture delivered at the National Seminar on Optimization of Hearing Aids, organized by AIISH, Mysuru on 17<sup>th</sup> August 2016.
- Hearing aids and tinnitus. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru on 9<sup>th</sup> September 2016.

### **Dr. Hemanth N., Lecturer in Audiology**

- Evaluation of different features of hearing aids. Lecture delivered at the National Seminar on Optimization of Hearing Aids, organized by AIISH, Mysuru on 17<sup>th</sup> August 2016.





- App based tinnitus assessment and management. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru on 9<sup>th</sup> September, 2016.

### **Ms. Yashomathi, Lecturer in Speech Pathology**

- AAC for persons with aphasia. Lecture delivered at the 2nd National Workshop on Clinical Aphasiology, organized by AIISH, Mysuru on 1<sup>st</sup> October 2016.

### **Ms. Priya M.B., Lecturer in Speech Sciences**

- Speech production. Lecture delivered at the Parent Enrichment Program, organized by AIISH, Mysuru on 26<sup>th</sup> July 2016.
- Use of official language Hindi in the clinical settings of AIISH. Lecture at the Internal Hindi Workshop, organized by AIISH, Mysuru on 7<sup>th</sup> September 2016.
- Introduction and classroom management of intellectual disability and Autism Spectrum Disorders. Lecture delivered at the Educational Management of Children with Communication Disorders at Secondary School-Stage, organized by AIISH, Mysuru on 9-10 November 2016.

### **Ms. Preethi T Thomas, Speech-Language Pathologist Grade-I**

- Rehabilitation of speech and language problems of children with special needs. Lecture delivered at the Training Programme organized by AIISH, Mysuru on 29<sup>th</sup> March, 2016.
- Dementia for the students of MSW course. Lecture delivered at the Orientation Programme on World Alzheimer's Day at JSS College, Mysuru on 29<sup>th</sup> September 2016.
- Practical session: Clinical hands on experience on diagnosis of aphasia and report writing. Lecture delivered at the 2<sup>nd</sup> National Seminar on Aphasiology, organized by AIISH, Mysuru on 1-2 October, 2016.

### **Dr. Ramadevi Sreenivas, K. J., Audiologist Grade-I**

- Assistive listening devices. Lecture delivered at the Workshop on Fine Tuning of Digital Hearing Aids for Individuals with Hearing Impairment, organized by AIISH, Mysuru on 26<sup>th</sup> May 2016.

### **Ms. Megha, Clinical Assistant**

- Demonstration of hearing aids and ALDs. Lecture delivered at the National Programme for Prevention and Control of Deafness, organized by AIISH, Mysuru on 18-24 October 2016.

### **Mr. Arunraj K., Clinical Assistant**

- Video screening/Demonstration on hearing screening. Lecture delivered at the National Programme for Prevention and Control of Deafness, organized by AIISH, Mysuru on 18-24 October 2016.
- Potential risk factors for Communication disorders in newborns. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards of Prevention and Early Identification of Communication Disorders, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Appropriate referral and management options for newborns with communication disorders. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards of Prevention and Early Identification of Communication Disorders, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Video screening/ demonstration on hearing screening. Lecture delivered at the Sensitization program for Doctors and Audiologists at the Medical College, (Level II), under NPPCD, organized by AIISH, Mysuru on 20<sup>th</sup> October 2016.

### **Ms. Gayathri Krishnan, Clinical Assistant**

- Clinical bedside evaluation of swallowing deficits in acute aphasia. Lecture delivered at the 2<sup>nd</sup> National Workshop on Clinical Aphasiology, organized by AIISH, Mysuru on 1<sup>st</sup> October 2016.
- Speech production. Lecture delivered at the Parent Enrichment Program, organized by AIISH, Mysuru on 26<sup>th</sup> July 2016.
- Swallowing care in persons with dementia. Lecture delivered at ARDSICON 2016, organized by AIISH, Mysuru on 10-11 December 2016.

### **Mr. Sharath Kumar, Research Assistant**

- Video screening / demonstration - Hearing aids, cochlear implants and ALDs; Selection of hearing aids. Lecture delivered at Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 18-24 October 2016.

### **Ms. Prathima. S., Itinerant Speech Therapist**

- Tips to facilitate speech and language in inclusive classrooms. Lecture delivered at Graduation Day for Preschool Children with Communication Disorders, organized by AIISH, Mysuru on 28<sup>th</sup> April 2016.
- A peep into different communication disorders. Lecture delivered at the Celebration of World Cerebral Palsy Day, organized by AIISH, Mysuru, on 5<sup>th</sup> October, 2016.
- Communication disorders and classroom adaptations. Lecture delivered at the Orientation Program on Communication Disorder, Classroom Adaptation and facilities and concessions available, organized by the Department of Clinical Services, AIISH, Mysuru. on 24<sup>th</sup> November, 2016.
- Inclusive education for whom and why? Lecture delivered at the National seminar on New horizons in Inclusive Education, organized by AIISH, Mysuru on 13<sup>th</sup> January 2017.
- Atypical Development in children with Cerebral Palsy: What is wrong and what can be done?



Lecture delivered at the Workshop on Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 10<sup>th</sup> February 2017.

- Facilitating jaw stability and mobility in children with Cerebral Palsy. Lecture delivered at the Workshop on Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 11<sup>th</sup> February 2017.
- Facilitating language and communication in children with cerebral palsy. Lecture delivered at the Workshop on Comprehensive Management of Children with Cerebral Palsy, Organized by AIISH, Mysuru on 11<sup>th</sup> February 2017.
- Management of cerebral palsy in regular classroom set-ups. Lecture delivered at Resource Exchange and Education Through Care and Hope (REACH), organized by AIISH, Mysuru on 17<sup>th</sup> February 2017.
- Practical session on coarticulation. Lecture delivered at the National Workshop on Coarticulation, organized by AIISH, Mysuru on 24<sup>th</sup> March, 2017.

### **Ms. P. V. Ramanakumari, Special Educator**

- Demonstration of cognitive skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. H. P. Sumana, Special Educator**

- Demonstration of language and communication skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Mr. Suresh C. B., Special Educator**

- Role of special educators in promoting Inclusive education of CWSN using Technology. Lecture delivered at the Science Day Celebration, organized by Mar Thoma College, Chungathara, Kerala on 27<sup>th</sup> February 2017.
- Demonstration of cognitive skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. Kumudha, Special Educator**

- Demonstration of preacademic skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. K. Anjana, Special Educator**

- Demonstration of preacademic skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Dr. N. Kadambari, Special Educator**

- Demonstration of self-help skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.

### **Ms. S. Vijayalakshmi, Special Educator**

- Demonstration of preacademic skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru, on 15<sup>th</sup> July 2016.

### **Mr. Harish Kumar, Special Educator**

- Demonstration of cognitive skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. C.C. Leena, Special Educator**

- Demonstration of preacademic skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. Shobha B.N., Special Educator**

- Demonstration of cognitive skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Mr. R. Rajkumar, Special Educator**

- Demonstration of sensory motor skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. Latha C., Special Educator**

- Demonstration of self-help skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.

### **Ms. Asha Suresh, Special Educator**

- Demonstration of self-help skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.

### **Ms. P.V. Manjula, Special Educator**

- Demonstration of language and communication skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. S.B. Leelarani, Special Educator**

- Demonstration of language and communication skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. Asha S.A., Special Educator**

- Demonstration of self-help skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 14<sup>th</sup> July 2016.



### **Mr. Gururaj, D. Special Educator**

- Welfare measures available for children with special needs. Lecture delivered at the Workshop for Facilitating Successful Transition from Preschool to Mainstream School of Outgoing Children of Preschool, organized by AIISH, Mysuru on 28<sup>th</sup> April 2016.

### **Mr. M.M. Sharanaiah, Special Educator**

- Demonstration of sensory motor skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Mr. K.R. Subramanya, Special Educator**

- Demonstration of sensory motor skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Ms. J. Subalakshmi, Special Educator**

- Demonstration of sensory motor skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Mr. Murshidulalam, Special Educator**

- Demonstration of sensory motor skills. Lecture delivered at the Workshop on Play Way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.

### **Mr. Jawahar Antony, Audiologist Grade-II**

- Video screening/Demonstration on hearing screening. Lecture delivered at Sensitization Program for Doctors and Audiologists at the Medical College (Level I) under National Programme for Prevention and Control of Deafness organized by AIISH, Mysuru on 18-24 October 2016.

### **Mr. Jithinraj B., Audiologist Grade-II**

- Practical demonstration on real ear insertion gain measurements and electroacoustic characteristics of hearing aids. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.

### **Mr. Pradeep Kumar P., Speech-Language Pathologist Grade-II**

- Team approach in assessment and management in children with cerebral palsy. Lecture delivered at the Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 10<sup>th</sup> February 2017.
- Assessment of learning disability to primary school teachers. Lecture delivered at Educating the Primary School Teacher on Learning Disability, organized by Vokaligara Sangam Educational Trust, Mudigere (Tq) Chikmagalore, Karnataka on 11<sup>th</sup> November 2017.
- Assessment of language and communication in children with Cerebral Palsy. Lecture delivered at the Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 10<sup>th</sup> February 2017.
- Facilitating Swallowing in children with Cerebral Palsy. Lecture delivered at the Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru on 11<sup>th</sup> February 2017.

- Promoting the lips functioning in children with Cerebral Palsy. Lecture delivered at the Comprehensive Management of Children with Cerebral Palsy, organized by AIISH, Mysuru, on 11<sup>th</sup> February 2017.

### **Mr. Sanjeev Kumar Gupta, Clinical Psychologist**

- Understanding, identification, preventing and managing behavioural problems & practical sessions. Lecture delivered at the Workshop on Understanding, Preventing and Managing Skill and Problem Behaviours in Children with Developmental Disabilities, AIISH, Mysuru on 24<sup>th</sup> November' 2016.
- "सामाजिक जीवन में हिंदी". Lecture delivered at the Fourth One Day Internal Hindi Workshop organized by AIISH, Mysuru on 28<sup>th</sup> February 2017.

### **Mr. Prashanth R., Medical Social Worker**

- Role & responsibility of social worker towards persons with Dementia. Lecture delivered at the Commemoration of Alzheimer's Day at the JSS College, Mysuru on 29<sup>th</sup> September 2016.
- Welfare measures for persons with Cerebral palsy. Lecture delivered at the Celebration of World Cerebral Palsy Day, organized by AIISH, Mysuru on 5<sup>th</sup> October, 2016.

### **Mrs. Kalai Selvi V.T., Junior Technical Officer**

- Encoding (ASCII, ISCII, Unicode). Special lecture delivered at the National Workshop on Natural Language Processing organized by Centre for Information Science & Technology, University of Mysuru, Mysuru on 25<sup>th</sup> November 2016.

### **Sri. S. S. Purushothama, Junior Technical Officer**

- Training on biometric attendance management software. Lecture delivered at the Regional Institute of Education, Mysuru on 17<sup>th</sup> February 2017.

### **Sri. G.N. Raghavendra, Software Engineer**

- Training on faculty evaluation software. Lecture delivered at the Regional Institute of Education, Mysuru on 17<sup>th</sup> February 2017.

### **Mr. Sudarshan B, Prosthodontic technician**

- Ear impression technique. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru, on 8-9 March 2017.
- Ear impression technique. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru, on 20<sup>th</sup> February 2017.

### **Mr. Vikas, M.D. Research Assistant**

- Outcome measures in tinnitus management. Lecture delivered at the National Seminar on Directions in Assessment and Management of Tinnitus, organized by AIISH, Mysuru, on 9<sup>th</sup> September 2016.

### **Mr. Vivek A., Prosthetic Dental Mechanic**

- Precautions for ear impression and flowing technique. Lecture delivered at the Workshop on Ear



Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.

- Hard & soft mould processing procedure (including UV method). Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Precautions for ear impression and flowing technique. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Soft mould processing procedure (including UV method). Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.

### **Mr. Dilip Kumar G.C., Speech & Hearing Assistant**

- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru, on 20<sup>th</sup> February 2017.
- Hard mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru, on 8-9 March 2017.
- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru, on 8-9 March 2017.

### **Mr. Jayaram T., Ear Mould Technician**

- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Hard mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.

### **Mr. Kumaraswamy G.K., Ear Mould technician**

- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 20<sup>th</sup> February 2017.
- Hard mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.
- Hard mould and soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, organized by AIISH, Mysuru on 8-9 March 2017.

### **Mr. Sohan Singh, Physiotherapist**

- Importance of physiotherapeutic exercise and posture alignment in cerebral palsy. Lecture delivered on the Orientation Program to Parents organized by AIISH, Mysuru on 17<sup>th</sup> March 2017.
- Role of physiotherapy in developmental delay. Lecture delivered at the Parents and Teachers Education Program, organized by AIISH, Mysuru on 10<sup>th</sup> May 2016.

### **Mr. Joseph Samuel, M., Occupational Therapist**

- Importance of sensory integration activities at home for parents of children with autism. Lecture

delivered at the Orientation Program to Parents, organized by AIISH, Mysuru on 16<sup>th</sup> December 2016.

- Overview of training in sensory motor skills. Lecture delivered at the Workshop on Play-Way learning and material for Infants, Toddlers and Pre-Schoolers organized by AIISH, Mysuru on 14-15 July 2016.
- Play Way activities and material for training sensory motor skills. Demonstrated at the Workshop on Play-Way Learning and Material for Infants, Toddlers and Pre-Schoolers organized by AIISH, Mysuru on 14-15 July 2016.

### **Ms. Swarna Prava Pradhan, Occupational Therapist**

- Role of PT/OT in developmental delay. Lecture delivered at the Orientation Program to Parents, organized by AIISH, Mysuru 10<sup>th</sup> May 2016.
- Positional consideration in CP. Lecture delivered at Workshop on Comprehensive Management of Children with CP organized by AIISH, Mysuru on 10<sup>th</sup> February, 2017.

### **Ms. Vidhathri D.S., Physiotherapist**

- Importance of physiotherapeutic exercises and home training program in cerebral palsy. Lecture delivered at the Orientation Program to Parents, organized by AIISH, Mysuru on 17<sup>th</sup> February 2017.

### **Ms. Merin J., Speech-Language Pathologist Grade-I**

- Importance of social communication and home training. Lecture delivered at the Orientation Program to Parents organized by AIISH, Mysuru on 16<sup>th</sup> December 2016.

### **Ms. Nikitha M, Speech-Language Pathologist Grade-I**

- Importance of social communication and home training. Lecture delivered at the Orientation Program to Parents organized by AIISH, Mysuru on 16<sup>th</sup> December 2016.

### **Ms. Veena S.R., Speech-Language Pathologist Grade-I**

- Speech and language therapy and importance of home training. Lecture delivered at the Orientation Program to Parents, organized by AIISH, Mysuru on 17<sup>th</sup> March 2017.

### **Ms. Sunitha E., Speech-Language Pathologist Grade-II**

- Outreach facilities of AIISH: An overview. Lecture delivered at the National Seminar on Newborn Screening: Initiatives towards of Prevention and Early Identification of Communication Disorders, organized by AIISH, Mysuru on 6<sup>th</sup> October 2016.
- Video screening/ demonstration on hearing screening. Lecture delivered at the Sensitization Program for Doctors and Audiologists at the Medical College (Level II) under National Programme for Prevention and Control of Deafness under NPPCD on 20<sup>th</sup> October 2016.

### **Apeksha, Junior Research Fellow**

- Introduction to topic search. Lecture delivered at the Workshop on Dissertation topic-Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru on 15<sup>th</sup> May 2016.
- Reference managers. Lecture delivered at the Workshop on Dissertation Topic-Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru on 15<sup>th</sup> May 2016.



- Speech Perception in Individuals with Normal Hearing and Auditory Neuropathy Spectrum Disorder: an Electrophysiological Study. Paper presented at EEGLAB workshop held at AIISH from 16-20 Jan 2017.
- Effect of noise on Speech Perception in Individuals with Normal Hearing and Auditory Neuropathy Spectrum Disorder: an Electrophysiological Study. Paper presented at EEGLAB workshop held at AIISH from 16-20 Jan 2017.

### **Nike, G., Junior Research Fellow**

- Fine tuning topics & others. Lecture delivered at the Workshop on Dissertation Topic-Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru on 15<sup>th</sup> May 2016.
- Searching resources. Lecture delivered at the Workshop on Dissertation Topic-Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru, on 15<sup>th</sup> May 2016.
- Practical factors. Lecture delivered at the Workshop on Dissertation Topic-Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru, on 15<sup>th</sup> May 2016.
- Spectral and spatio-temporal analysis of EEG data: Statistical analysis of averaged ERPs. Lecture delivered at 49<sup>th</sup> Indian Speech and Hearing Association Conference organized by Indian Speech and Hearing Association, Kolkata on 6-8 January 2017.

### **Srikar, V. Junior Research Fellow**

- Dissertation story. Lecture delivered at the Workshop on Dissertation topic- Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru on 15<sup>th</sup> May 2016.
- Research design and hands. Lecture delivered at the Workshop on Dissertation topic- Identification Process and Designing of Research Methodologies, organized by AIISH, Mysuru on 15<sup>th</sup> May 2016.

### **Ms. D. Dhivya, Special Educator**

- Demonstration of language and communication skills. Lecture delivered at the Workshop on Play way Learning & Materials for Infants, Toddlers & Preschoolers, organized by AIISH, Mysuru on 15<sup>th</sup> July 2016.



### **Peer Evaluation**

Peer evaluation of all the eleven departments were conducted during the reporting year. Salient achievements of the departments under discrete headings such as, human resource development, research, clinical activities, teaching training, public education, future plans or programs, SWOT analysis, special achievements and revenue generation were discussed as a part of the evaluation process.

## Other Responsibilities

### Dr. S. R. Savithri, Director

#### Editorship and Peer Reviewing

- Reviewer of the article on Speech-Language Pathology in Sub-Saharan Africa: Development and sustainability of services for people with communication disabilities for Springer and article on International symposium on Acoustic and Engineering applications.
- Chief Editor for Self Learning Materials for DHLS Program, Database on Stuttering & Voice Disorders, School Screening Report, Annual Report 2015-16, New Born Screening Report, Test material – (Language Experience and Proficiency Questionnaire – India (LEAPQI), Journal of AIISH and Students Research at AIISH – Part C (Special Education)
- Editor, AYJNIHH-Journal of Communication Disorders

#### Meeting

- 56<sup>th</sup> Meeting of the Executive Council of the Institute under the Chairmanship of Dr. Jagat Prakash Nadda, Hon'ble Union Minister of Health and Family Welfare was held at New Delhi on 9<sup>th</sup> November 2016.
- 48<sup>th</sup> Standing Finance Committee under the Chairmanship of Sri Sanjeeva Kumar, IAS, Additional Secretary (H), Government of India, Ministry of Health & Family Welfare was held at AIISH on 8<sup>th</sup> February 2017.
- Board of Examiners in respect of Speech and Hearing and Special Education was held at AIISH on 11-12 April 2016.
- Meeting with Vice Chairman, University Grants Commission, New Delhi and held discussion regarding the status of the application submitted by the Institute regarding deemed to be university status on 5<sup>th</sup> May 2016.
- Board of Examiners in respect of Speech and Hearing and Special Education on 27-28 March 2017 at Board rooms of the Administrative Block.
- 20<sup>th</sup> Governing Council meeting of JSS Institute of Speech and Hearing, Mysore held on 13<sup>th</sup> April 2016 at JSS Institute of Speech and Hearing, Mysore
- 21<sup>st</sup> Governing Council Meeting of JSS Institute of Speech and Hearing, Mysore on 30<sup>th</sup> July 2017.
- 5<sup>th</sup> Annual Laryngology Summit 2016 of the Laryngology & Voice Assessment held at Ahmadabad on 30<sup>th</sup> September, 1<sup>st</sup> & 2<sup>nd</sup> October, 2016. Delivered LVA SLP oration lecture during the Summit.
- 4<sup>th</sup> AIISH Alumni Association (AAA) General Body Meeting was held on 4<sup>th</sup> November 2016. 36 members attended the meeting.
- Meeting with staff of Karuna Trust regarding the collaborative project on 28<sup>th</sup> November 2016.
- Executive Council Meeting of Indian Sign Language Research and Training Centre (ISLRTC), at Conference Room, Ministry of Social Justice & Empowerment, New Delhi on 17<sup>th</sup> January 2017.
- Institutional Ethics Committee meeting of JSS Dental College & Hospital, Mysore on 19<sup>th</sup> January 2017.
- Meeting of Selection Committee for recruitment to the post of Asst. Professor-Interpreting on 16<sup>th</sup> February 2017 at Indian Sign Language Research and Training Centre (ISLRTC) at New Delhi.
- Institute Advisory Board (IAB) Meeting of Regional Institution of Education, Mysore on 21<sup>st</sup> February 2017.



- Selection Committee for the Post of Assistant Professor of Indian Sign Language Research and Training Centre (ISLRTC) under the Chairmanship of Shri Awanish K Awasthi, Joint Secretary (DEPWD) on 9<sup>th</sup> March 2017 at New Delhi.
- AIISH DHLS Coordinators meeting was held at AIISH on 6<sup>th</sup> April 2016.
- Selection Committee meeting for the post of Lecturers in Speech Sciences and Audiology on contract basis was held at AIISH on 27<sup>th</sup> May 2017.
- Building Works Committee meeting in connection with centre of excellence was held on 18<sup>th</sup> May 2016. Mr. N.S.Negi, Under Secretary, Ministry of Health and Family Welfare, New Delhi and CPWD contractors attended the Meeting.
- Review meeting in respect of DHLS to BASLP meeting was held at the Ministry of Health and Family Welfare, New Delhi on 23<sup>rd</sup> June 2016.
- Meeting in respect of Recruitment Rules for 68 posts created under Center of Excellence under the Chairmanship of Ms. Dharitri Panda, Joint Secretary, Ministry of Health and Family Welfare, New Delhi on 30<sup>th</sup> June 2016.
- Meeting of an Expert committee in connection with purchase of "ION Chef System" was held on 26<sup>th</sup> July 2016. Dr. J.S. Jaya Shankar Rao, Asst. Anthropologist & I/c Physical Anthropology, Anthropology Survey of India and Dr. A Chandrashekar, Research Associate (P), Anthropology Survey of India were invited as experts for the meeting.
- Attended Hindi meeting at OLIC, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi on 3<sup>rd</sup> August 2016.
- Presentation on Recruitment Rules of AIISH with modification in grade pay as recommended by the High Power Committee was made under the Chairmanship of Additional Secretary (Health), Ministry of Health and Family Welfare, at New Delhi on 4<sup>th</sup> August 2016.
- As per the instructions of the Joint Secretary, Ministry of Health and Family Welfare, Government of India, a brainstorming session on IEC to develop a National Portal on Hearing was held on 14<sup>th</sup> October 2016. All the departments presented their views.
- NPPCD meet was held at the Institute 18<sup>th</sup> October 2016. NPPCD trainees of Level 1, 2 and 3 were participated.
- Building Works Committee meeting in connection with centre of excellence was held on 24<sup>th</sup> October 2016.
- 4<sup>th</sup> AIISH Alumni Association (AAA) General Body Meeting was held on 4<sup>th</sup> November 2016. 36 members attended the meeting.
- Selection Committee meeting for APS and Direct recruitment under the Chairmanship of Shri Sanjeeva Kumar, Additional Secretary, Ministry of Health and Family Welfare, Government of India was held at AIISH, Mysore on 8<sup>th</sup> February 2017.
- Heads of Departments meetings were held every month to discuss various activities of the Institute.
- IQAC and MRM quarterly meetings.

### Membership

- Research Committee of Dr. S R Chandrashekar Institute of Speech and Hearing, Bangalore for the year 2016-17.
- Committee constituted to review AIISH, for its corporatization, merger, disengagement or closure as provided in Expenditure Management Commission's recommendations by the Ministry of Health and Family Welfare, GOI.

- Selection Committee, Bureau of Indian Standards, New Delhi for 2016-17
- Cochlear Implant Scheme, Suvama Arogya Suraksha Trust, Bangalore
- Governing Council, JSS Institute of Speech and Hearing, Mysore.
- Governing Body of JSS Institute of Pharmacy, JSS University, Mysore for the year 2016-17
- Committee to review AIISH, Mysore, an autonomous institution for its corporatization, merger disengagement or closure as provided in Expenditure Management Commission's recommendations, Ministry of Health and Family Welfare, Government of India, New Delhi.
- Representative for Zonal Coordination Committee Southern I Zone, Rehabilitation Council of India, New Delhi
- General Council, All Yashwantrao Chavan National Institute of Speech and Hearing, Mumbai
- Member, RIE Advisory Board, Mysore
- General Council, Rehabilitation Council of India
- Expert Member, Expert Committee, Bangalore University
- Basic Medical Scientist, Institutional Ethical Committee 2016-17 of JSS Dental College and Hospital, Mysore
- Task Force on Cognitive Science Research Initiative (CSI) of Department of Science and Technology at Indian National Science Academy (INSA), New Delhi.
- Standing Advisory Committee of Indian Sign Language Research & Training Centre (ISLRTC), New Delhi.
- Reconstitution 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.





### **Dr. Asha Yathiraj, Professor of Audiology**

- Member, Board of Studies, University of Mysore
- Associate Editor, Journal of All India Institute of Speech and Hearing
- President, Indian Speech and Hearing Association
- Board of Examiners, Bangalore University, Bengaluru
- Expert member on Doctoral committee, AYNISHD, Mumbai
- Member, Selection Committee, District Disability Rehabilitation Centre, Mysuru
- Expert member on Doctoral committee, JSS Institute of Speech & Hearing, Mysuru
- Chief Guest & Key note Speaker, Continuing Education Programme, Department of Hearing Studies, Dr. S.R. Chandrasekhar Institute of Speech and Hearing, Bengaluru.

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

- Member, Board of Studies, University of Mysore, Mysuru
- Examiner, City university of New York (CUNY), Bangalore University, Banaras Hindu University, Osmania University, NIMHANS, Bengaluru.
- Editor, Journal of Psychological Studies, International Journal Languages, International Journal of Languages
- Peer-reviewer, International Journal of Disability and Human Development, International Journal of Languages, International Journal of Education Policy Research and Review, Journal of IETE, Journal of ISHA, Journal of Psychological Studies, NAOP, JAIISH

### **Dr. S. Venkatesan, Professor of Clinical Psychology**

- Member, Board of Examiners, University of Mysore, Kuvempu University, Shimoga
- Member, Board of Studies, Central Institute of Home Science, Bangalore
- Examiner, Bharathiar University, T. Nadu,
- Reviewer, Psychology in India: Current Trends & Practices' published by SDM College, Ujire, Karnataka, Journal of Disability Management and Special Education, Educational Research Journal, Disability, CBR and Inclusive Development, Psychological Studies
- Adjudicator, Doctoral Thesis, University of Delhi
- Expert Member, Institution Management Committee, Viveka School of Excellence, Sargur, HD Kote
- Chairperson, Paper Presentation Session, National Conference on Guidance and Counselling in India: Status, Trends, Practices and Innovations held at Regional Institute of Education, Mysuru
- Member, Advisory Committee, Kateel Ashok Pai Memorial Institute, Shimoga

### **Dr. R. Manjula, Professor of Speech Pathology**

- Member, Board of Studies, University of Mysore, Mysuru
- Member, Doctoral Committee, Bangalore University.
- Member, Board of Examiners, KSOU, Mysuru
- Member, Board of Studies, Bangalore University

- Core Member & Independent Expert, Technical Resource Group, Rashtriya Bala Swasthya Karyakram, Ministry of Health and Family Welfare, Govt. of India.
- President, International Society for AAC- India Chapter
- Member, National Curricular Task force on Curricular Standardization Process, National Initiative for Allied Health Sciences, Ministry of Health & Family Welfare, Govt. of India
- Subject Expert, Rehabilitation Council of India
- Editor, Journal of Indian Speech and Hearing Association
- Reviewer, Laryngology & Voice, JAIISH, Journal of ISHA, RCI Journal
- Chairperson, Scientific Committee, JISHA

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

- Member, Board of Studies, Avinashilingam University for Women, Coimbatore
- Expert Member, Ph.D. Panel Committee, JSS Speech and Hearing Institute
- Member, Editorial Board, Indian Journal of Applied Linguistics and Language Forum Journal
- Reviewer, Scandinavian Journal of Educational Research, JAIISH, NCED 2016 Conference Papers
- Subject Expert, MISHA language acquisition tool

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

- Member, Board of Studies, University of Mysore, Mysuru
- Reviewer, Journal of Indian Speech and Hearing Association
- Editor, JAIISH

### **Dr. P. Manjula, Professor of Audiology**

- Member, Board of Examiners, University of Mysore, Bangalore University, Bengaluru
- Coordinator, NPPCD, Karnataka State
- Member, Committee for Empanelment of Hospitals for Cochlear Implant Scheme under Suvarnaarogyasuraksha Trust
- Resource person for training faculty and students, University of Kelaniya, Srilanka
- Member, Committee on Cochlear Implant Scheme, Govt. of Karnataka
- Reviewer, Clinical Epidemiology and Global Health Journal

### **Dr. M. Pushpavathi, Professor of Speech Pathology**

- Member, Board of Studies, Bangalore University
- Examiner, Bangalore University
- EC Member, Indian Society for Cleft Lip, Palate and Craniofacial Anomalies
- SLP Expert, Indian Council of Medical Research Task Force Project on Cleft Lip Palate
- Reviewer, JCLPA, Scientific Papers, CLEFT-CON-2017



- Member, Scientific Committee, IndoCleftCon 201
- Chairperson, Scientific Session, CLEFTCON 2017
- Subject Expert, Rehabilitation Council of India

### **Dr. Rajalaskhmi K. R., Professor of audiology**

- Adjudicator, Doctoral Thesis, Manipal University, Manipal
- Member, Board of Studies, Vijayanagara Sri Krishnadevaraya University, Holy Cross College, Trichy, Tamil Nadu
- Member, Governing Council, Samvaad Institute of Speech and Hearing, Bengaluru

### **Prof. Ajish K. Abraham, Professor of Electronics**

- Member, Acoustic Standards Committee, Beaureau of India Standards, New Delhi
- Member, Engineering Sciences Sectional Committee, Indian Science Congress Association, Kolkatta
- Member, Board of Studies, University of Mysore
- Member, Board of Examiners, University of Mysore, , University of Bangalore, University of Kerala, Kerala University of Health Sciences, National Institute of Engineering, Mysuru
- Subject Expert, Selection Committee, National Institute of Engineering, Mysuru.
- Chairperson, Technical Session, International Symposium on Acoustics for Engineering Applications, Gurgaon, India
- Reviewer, IETE Technical review, Circuits, Systems & Signal Processing, Journal of Acoustic Society of India, Scientific papers, International Symposium on Acoustics for Engineering Applications, Gurgaon, India

### **Dr. S.P. Goswami, Professor of Speech Pathology**

- Subject Expert, Rehabilitation Council of India, New Delhi
- Chairperson, Scientific Poster Sessions, ISHACON 2017
- Member Secretary, ARDSI Mysore Chapter
- Honorary Executive Secretary, AAA

### **Dr. Ajith Kumar U. Reader in Audiology**

- Examiner, Manipal University, Manipal, Sri Ramachandra University, Chennai
- Member, Research Committee, Dr. S. R. Chandrashekar Institute of Speech and Hearing, Bengaluru
- Reviewer, Research Presentations, National Seminar of Speech Audiometry SOAHS, Manipal
- Subject Expert, Rehabilitation Council of India, New Delhi
- Reviewer, Journal of All India Institute of Speech and Hearing
- Consultant, Constructing Acoustical Room and Associated Facilities as per ANSI Standards, NIEPMD, Muttukadu, Chennai

### **Dr. N. Sreedevi, Reader in Speech Sciences**

- Member, Board of Studies, University of Mysore, Mysuru, Bangalore University, Bengaluru, Kerala Health Science University, Trissur, Kannur University, Kannur, Calicut University, Calicut, , Sri. Ramachandra Medical College, Chennai, JSS University, Mysuru, Manipal University, Manipal, Bharathi Vidya Peet, Coimbatore.
- Member, Member, Board of Examiners, University of Mysore
- Member, Doctoral Committee, JSS College, Mysuru.
- Chairperson, Scientific Committee, MYISHA
- Co-chairperson, Technical Session at the Assistive Technology Hackathon
- Reviewer, Clinical Linguistics & Phonetics Journal, Journal of Child Language Acquisition and Development, Journal of All India Institute of Speech and Hearing, ISHACON Abstracts

### **Dr. K. Yeshoda, Reader in Speech Sciences**

- Member, Board of Studies, Mangalore University, Sri Krishnadevaraya University, Ballari
- Examiner, Manipal University, Manipal, Bengaluru University, Bangalore, SRM University, Chennai
- Member, Selection Committee, CRC Nellore, National Institute of Mental Health, Hyderabad
- Editor, JAIISH
- Reviewer, Journal of Rehabilitation Council of India, 49th ISHA Conference-2017

### **Dr. Jayashree C. Shanbal, Reader in Language Pathology**

- Reviewer, ISHA Scientific Papers
- Member, Board of Examiners, University of Mysore, Mysuru, Bangalore University
- Examiner, Bangalore University
- Reviewer, JISHA, Journal of RCI, Journal of AIISH

### **Dr. N. Swapna, Reader in Speech Pathology**

- Examiner, Bangalore University
- Member, Board of Examiners, University of Mysore, Mysuru
- Examiner, Bangalore University
- Member, Expert Committee , Rehabilitation Council of India
- Reviewer, JAIISH

### **Dr. Sandeep M., Reader in Audiology**

- Member, Board of Examiners, University of Mysore
- Managing Editor, Journal of All India Institute of Speech and Hearing
- Examiner, Bangalore University, Bengaluru, Manipal University, Manipal
- Reviewer, Research Presentations, National Seminar of Speech Audiometry SOAHS, Manipal
- Chairperson, Plenary Session on High Density EEG Recording, 49th ISHACON 2017



### **Dr. Santhosh, M. Reader in Speech Sciences**

- Associate Editor, JAIISH

### **Dr. Alok Kumar Upadhyay, Reader in Special Education**

- Member, Board of Studies, J.R.H.University, Chitrakoot, Nehru Gram Bharati University, Allahabad, University, Mysore, Mysuru
- Examiner, AYJNIHH, Mumbai
- Examiner, I.G.N.O.U., New Delhi, R.K.M.V. University, Coimbatore.
- Visiting Expert, Rehabilitation Council of India, New Delhi
- Reviewer, Journal of Indian Speech and Hearing Association

### **Dr. Brajesh Priyadarshi, Reader in Linguistics**

- Examiner, Manipal University, Manipal, Bangalore University, Bengaluru, University of Mysore
- Member, Board of Appointment of Examiners (BOAE), University of Mysore
- Editor, The Linguistics Journal
- Reviewer, The Linguistics Journal , JISHA , English Language Teaching

### **Dr. Sujeet Kumar Sinha, Reader in Audiology**

- Examiner , Manipal University, Manipal
- Reviewer, Journal of American Academics of Audiology, Journal of All India Institute of Speech and Hearing, Journal of Indian Speech Language and Hearing Association, International Journal of Audiology, ISHACON Abstracts, International Archives of Otolaryngology.

### **Dr. T. Jayakumar, Reader in Speech Sciences**

- Subject Expert, Rehabilitation Council of India, New Delhi
- Reviewer, Journal of Indian Speech and Hearing Association & JAIISH, 49th ISHA Conference-2017 papers

### **Dr. M. S. Vasanthalakshmi, Reader in Biostatistics**

- Examiner, Bangalore University, Bengaluru

### **Dr. Prawin Kumar, Reader in Audiology**

- Subject Expert, Rehabilitation Council of India, New Delhi
- Examiner, Manipal University, Manipal and Bangalore University, Bengaluru
- Reviewer, Otolaryngology-Open Journal, South African Journal of the Communication Disorders, Journal of Hearing Sciences
- Editor, Journal of Indian Speech and Hearing Association, Otolaryngology-open access Journal
- Guest Editor, Otolaryngology-Open Access Journal

**Dr. Shijith Kumar C. Library and Information Officer**

- Member, Board of Studies, University of Mysore, Mysuru

**Dr. Prithi Venkatesh, Lecturer in Special Education**

- Member, Board of Examinations, Bangalore University, Bengaluru, University of Mysore, Mysuru.

**Dr. Palnaty Vijetha, Lecturer in Special Education**

- Member, Board of Examinations, Bangalore University, Bengaluru, University of Mysore, Mysuru.
- Examiner, Rehabilitation Council of India

**Ms. Devi N. Lecturer in Audiology**

- Examiner, Bangalore University, University of Kerala
- Reviewer, ISHACON Abstracts

**Mr. Manohar N. Lecturer in Electronics**

- Member, Board of Examiners, University of Mysore
- Judge, 24th Regional Level National Children Science Congress 2016, Kendriya Vidyalaya, Mysuru

**Dr. Sangeetha M, Clinical Lecturer**

- Member, Board of Studies, University of Mysore, Mysuru, Bangalore University, Bengaluru.
- Member Secretary, Souvenir Committee, MyISHA ISHACON, 2018.
- Peer reviewer, ISHACON abstracts

**Dr. Niraj Kumar Singh, Lecturer in Audiology**

- Examiner, Bangalore University, University of Kerala
- Reviewer, British Journal of Applied Science and Technology, Journal of Otology, Journal of All India Institute of Speech and Hearing, Acta-Otolaryngologica, Journal of Ear, Nose and Throat Disorders

**Dr. R. Rajasudhakar, Lecturer in Speech Sciences**

- Subject Expert, Rehabilitation Council of India, New Delhi
- Reviewer, Journal of Indian Speech and Hearing Association, 49th ISHA Conference-2017 papers

**Ms. Geetha C. Lecturer in Audiology**

- Examiner, Bharatiyavidyapeeth, Pune, Samvaad Institute of Speech and Hearing, Bengaluru
- Reviewer, Journal of Otology & Rhinology

**Mr. Sreeraj K. Lecturer in Audiology**

- Examiner, Bangalore University, Bangalore, KUHAS, Kerala, Examiner, Manipal University
- Chairperson, Scientific Committee, ISHA, KSB



**Mr. P. Gopi Kishore, Lecturer in Speech Pathology**

- Member, Scientific Committee, ISHACON 2017
- Member, Scientific Committee, MyISHA, 2018

**Dr. Hema N., Lecturer in Speech Sciences**

- Subject Expert, Rehabilitation Council of India, New Delhi

**Mr. Freddy Antony, Lecturer in Clinical Psychology**

- Judge, 24th Regional Level National Children Science Congress 2016, Kendriya Vidyalaya, Mysuru

**Dr. Amrita Kanchan, Lecturer in Clinical Psychology**

- Reviewer, Advances in Medical Sciences Journal

**Mr. Prashanth Prabhu, Lecturer in Audiology**

- Reviewer, Otolaryngology: Open Access, Journal of Sports Medicine & Doping Studies, Journal of Novel Physiotherapies, Journal of Pediatric Neurology and Medicine, International Journal of Audiology, International Journal of Neurology and Brain Disorders, International Journal of Audiology, International Journal of Neurology and Brain Disorders, Journal of Otology, Journal of Indian Speech and Hearing Association
- Editor, EC Neurology, an International Journal
- Coordinator, NPPCD Programme, Karnataka

**Dr. Malar G., Reader in Special Education**

- Examiner, Rehabilitation Council of India

**Mr. Ganapathy M. K., Lecturer in Audiology**

- Examiner, Bangalore University, Bengaluru
- Reviewer, Gerontology and Geriatric Medicine Journal

**Dr. Hemanth, N. Lecturer in Audiology**

- Reviewer, Annals of Otolaryngology and Rhinology, Annals of Community Medicine and Practice, International Journal of Open Access Otolaryngology

**Dr. Abhishek B. P. Lecturer in Speech Sciences**

- Subject Expert, Rehabilitation Council of India, New Delhi
- Reviewer, 49th ISHA Conference-2017 papers

**Ms. Priya M.B. Lecturer in Speech Sciences**

- Member Secretary, Scientific Committee, MyISHA ISHACON 2018
- Examiner, AYJNIHH
- Reviewer, 49th ISHA Conference-2017 papers

### **Mr. Gopi Sankar R., Research Officer**

- Member, Organizing Committee, MyISHA ISHACON, 2018.

### **Dr. Sanjeev Kumar Gupta, Clinical Psychologist**

- Reviewer, International Journal of Environmental Science and Toxicology Research, Journal of Psychology and Brain Studies

### **Ms. Sahana V. Clinical Assistant**

- Assistant Editor, JAIISH

### **Mr. Sharath Kumar, Research Assistant**

- Assistant Editor, Journal of All India Institute of Speech and Hearing
- Consultant, Constructing Acoustical Room and Associated Facilities as per ANSI standards, NIEPMD, Muttukadu, Chennai

### **Ms. Sumana H. P. Special Educator**

- Examiner, AYJNIHH

### **Ms. Prathima S. Itinerant Speech Therapist**

- Member, Organizing Committee, MyISHA ISHACON, 2018

### **Mr. Nike G Ganateja, Junior Research Fellow**

- Layout Editor, Journal of All India Institute of Speech and Hearing





# RESEARCH

24 Funded Projects - Completed

Funded Projects – Ongoing 28

31 Funded Projects – New

Completed Doctoral Research 10

45 Ongoing Doctoral Research

Completed Postgraduate Research 64

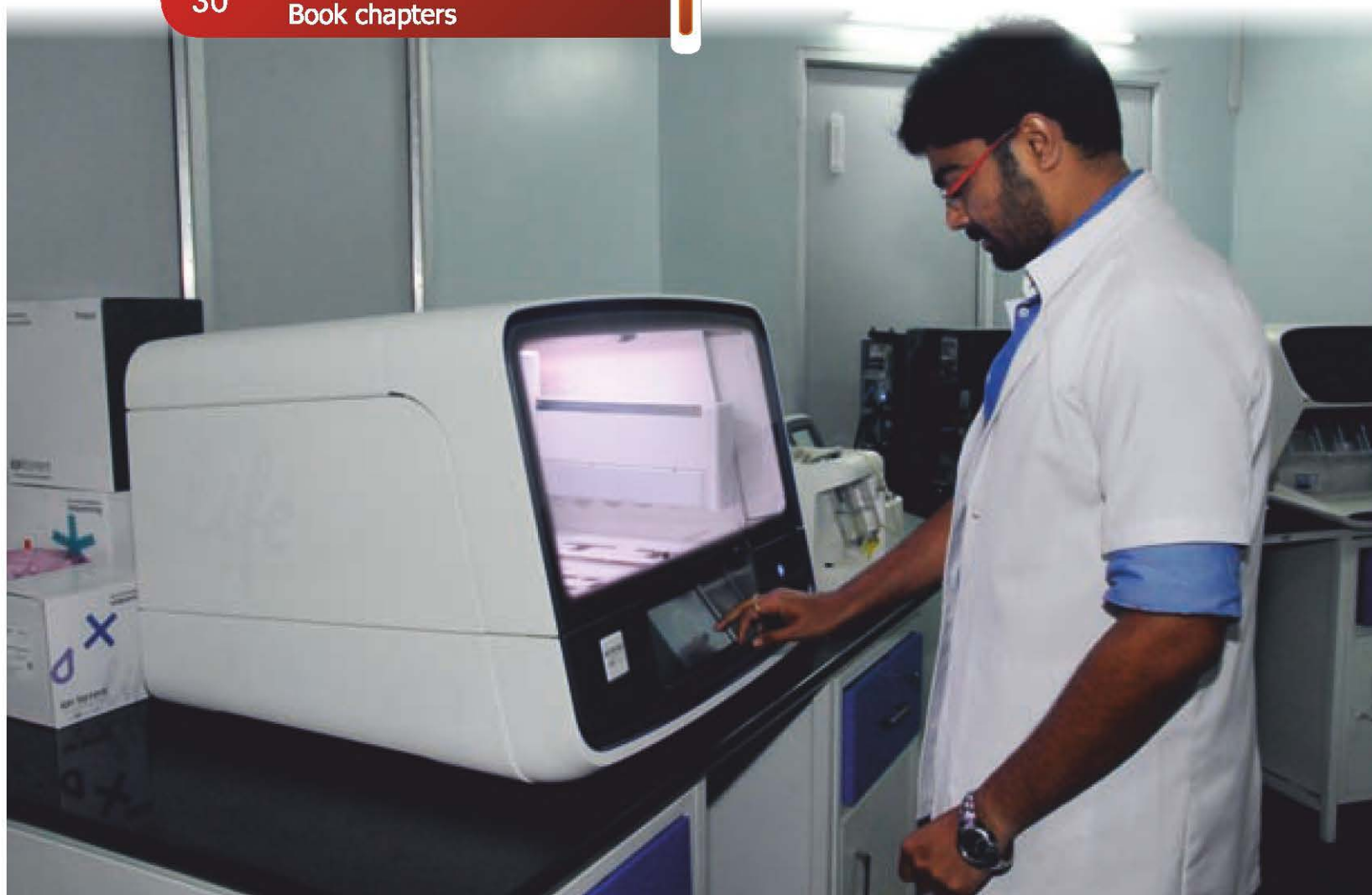
61 Ongoing Postgraduate Research

Scientific Presentations 129

123 Scientific Publications: National/  
International Journals

Scientific Publications: In-house 53

30 Scientific Publications: Books/  
Book chapters





# RESEARCH

The institute promotes research related to communication and its disorder. 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 funded by the institute from the AIISH Research Fund. Extramural research projects were funded by the Government of India funding agencies, the Department of Science and Technology (DST), Department of Bio Technology (DBT), Indian Council of Medical Research (ICMR) and the University Grants Commission (UGC), New Delhi.

## Completed Research Projects

Twenty four research projects worth ₹162.7 lakhs were successfully completed during the reporting year. Of these, five projects worth ₹82.99 were funded by DST and ICMR and the remaining by the institute.

### Externally Funded Research

1. Cognitive linguistic abilities in children with cleft lip and palate: An exploratory study. Investigators: Dr. M. Pushpavathi. Funding: Department of Science and Technology. Amount: ₹ 8.08 lakhs.
2. Comparison of simple reaction time and P300 measures as potential indicators of cognitive linguistic processing. Investigators: Dr. Manjula R. and Dr. Manjula P. Funding:

Department of Science and Technology. Amount: ₹ 6.38 lakhs.

3. Development and standardization of high risk register in ASD children. Investigators: Dr. Shyamala. K. C. Funding: Indian Council of Medical Research. Amount: ₹ 6.32 lakhs.
4. Effect of auditory cognitive training on some auditory and speech perception skills in individuals with sensori-neural hearing loss. Investigators: Dr. Ajith Kumar U., Dr. Sandeep M. Funding: Department of Science and Technology. Amount: ₹ 18.33 lakhs.
5. Perception and production of nonnative speech sound contrasts in monolingual and bilingual speakers. Investigators: Dr. Ajith Kumar U., Dr. Santosh M. Funding: Department of Science and Technology. Amount: ₹ 43.88 lakhs.

### AIISH Funded Research

6. A study of motor control in persons with mild and severe stuttering under conditions of motor stress. Investigators: Dr. R. Manjula, Dr. H. Venkatagiri Funding: AIISH Research Fund. Amount: ₹ 6.94 lakhs.
7. Behavioural and electrophysiological correlates (N400) of lexical access in bilingual adults with stuttering. Investigators: Dr. M. Santosh, Dr. Abhishek B. P. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
8. Comparative study of phonology syntax & morphology in Indian sign language of deaf signers in narration & discourse mode. Investigators: Dr. R. Manjula, Dr. Gourishankar, Dr. L.Ramamurthy Funding: AIISH Research Fund. Amount: ₹ 4.34 lakhs.
9. Comparison of muscle potentials of synergistic and antagonistic primary masticatory muscles as a function of age and task. Investigators: Dr. R. Manjula, Dr. N. Swapna Funding: AIISH Research Fund. Amount: ₹ 2.57 lakhs.
10. Development & field trial of resource manual



- for oral sensori-motor functions in persons with neurological involvement. Investigators: Dr. R. Manjula, Mrs. Jyothi N., Dr. V.P. Vandana Funding: AIISH Resesarch Fund. Amount: ₹ 4.49 lakhs.
11. Development and field testing of low cost supportive and mobility aids appliances for persons with physical disability - Phase I. Investigators: Dr. R. Manjula, Mr. Siddesh, Mr. Harish Pai, Mr. G. T. Jayakaran. Funding: AIISH Research Fund. Amount: ₹ 2.28 lakhs.
  12. Development of a manual on sign augmented speech in English for Indian Context. Investigators: Dr. H. Venkatagiri, Dr. R. Manjula Funding: AIISH Research Fund. Amount: ₹ 3.70 lakhs.
  13. Early intervention module for parents of children with cleft lip and palate in Kannada (Phase I). Investigators: Dr. M. Pushpavathi, Mr. Pebbili Gopi Kishore, Mr. Gopisankar, Dr. Sathish V. H. Funding: AIISH Research Fund. Amount: ₹ 6.07 lakhs.
  14. Effectiveness of computer based auditory training in children with central auditory processing disorders: Evidence from electrophysiological study. Investigators: Dr. Prawin Kumar, Mr. Niraj Kumar Singh. Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
  15. Efficacy of self learning adapted social studies lessons in Kannada and Telugu for children with hearing impairment at secondary school level. Investigators: Ms. P. Vijetha, Dr. G. Malar, Mr. Rajkumar R., Ms. Leelarani S.B. Funding: AIISH Research Fund. Amount: ₹ 3.25 lakhs.
  16. Lexical semantic processing in persons with aphasia: Correlational study of psycholinguistic and neurolinguistic measures. Investigators: Dr. Abhishek, B.P., Dr. K.S. Prema. Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
  17. Nature of non-explicit declarative and procedural memory systems in pre-adolescents with specific language impairment: Examining the post scripts of procedural deficit hypothesis. Investigators: Mr. Kuppuraj S., Dr. K.S. Prema. Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
  18. Prevalence and risk factors of voice problems in Yakshagana artists. Investigators: Dr. Usha Devdas, Dr. M. Santosh. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
  19. Relationship between behavioural measures and aided cortical potential responses in children with hearing impairment (6 months to 5 years). Investigators: Dr. Prawin Kumar, Ms. C. Geetha. Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
  20. Relationship between sub-cortical and cortical encoding responses in children with (Central) auditory processing disorders. Investigators: Dr. Prawin Kumar, Mr. Niraj Kumar Singh Funding: AIISH Research Fund. Amount: ₹ 4.10 lakhs.
  21. Standardization of a discourse analysis scale for conversation, narration and picture description in Kannada (DAS). Investigators: Dr. Hema N., Dr. K. C. Shyamala Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
  22. Status report of speech and hearing professionals graduated from AIISH: National and global scenario. Investigators: Mr. S. Ramkumar, Dr. S. P. Goswami. Funding: AIISH Research Fund. Amount: ₹ 4.50 lakhs.
  23. Syntactic judgment abilities in persons with non-fluent aphasia. Investigators: Dr. Abhishek B. P., Dr. K. C. Shyamala. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
  24. Utility of acoustic change complex as an objective tool to examine DLI in healthy individuals and individuals with auditory processing disorders. Investigators: Dr. Prawin Kumar, Mr. Niraj Kumar Singh, Mr. Ganapathy M. K. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.

### Ongoing Research Projects

Twenty eight research projects worth ₹262.21 lakhs were ongoing in diferent departments of the Institute during the reporting year. Of these, one project worth ₹115 was plan funded, seven projects worth ₹166.43 were funded by DST, UGC and ICMR, and the remaining twenty projects by the institute.

### Plan Funded Research

1. Survey of communication disorders by trained ASHA workers in the districts of Mysore, Mandya and Chamarajanagara. Investigators: Dr. S. R. Savithri, Dr. Rajasudhakar, R., Ms. M. B. Priya and Dr. H. Sudarshan. Funding: Plan funds, AIISH. Amount: ₹ 115 lakhs



#### Extrenally Funded Research

2. Association of psychosocial and communicative behaviour related to genes in children with ASD in an Indian population. Investigators: Dr. Shyamala. K. C. Funding: Indian Council of Medical Research. Amount: ₹ 8.01 lakhs.
3. Auditory & Multisensory processing in Persons with Stuttering. Investigators: Dr. Santosh M., Dr. Ajith Kumar U. Funding: Department of Science and Technology. Amount: ₹13.90 lakhs.
4. Elucidation and Validation of the burden of DNA Variations in Autism Spectrum Disorders to assess the impact on the genetic pathways. Investigators: Dr. Ramachandra Rao, Dr. P. Prakash & Dr. K. C. Shyamala. Funding: UGC, New Delhi. Amount: ₹ 15.76 lakhs.
5. Reading-related Eye movements in semi-syllabic and alphabetic orthographies. Investigators: Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. B. Rajashekar. & Dr. K.C. Shyamala. Funding: Department of Science and Technology. Amount: ₹ 46.17 lakhs.
6. Speech Rhythm in Kannada speaking children (F0). Investigators: Dr. S.R. Savithri, Dr. N. Sreedevi. Funding: Department of Science & Technology. Amount: ₹ 30.14 lakhs.
7. The central alexias and agraphias in semi-syllabic orthography. Investigators: Mr. Gopee Krishnan, Ms. Shivani Tiwari, Dr. B. Rajashekar. & Dr. K.C. Shyamala. Funding: Department of Science and Technology. Amount: ₹27.00 lakhs.
8. Tracing the evidence of phonological dyslexia in semi-syllabic orthography. Investigators: Dr. B. Rajashekhar, Dr. Gopee Krishnan, Dr. Shyamala, K. C., and Dr. Shivani Tiwari. Funding: Department of Science and Technology. Amount: ₹ 25.45 lakhs.
11. Computerized Auditory Training for Kannada Speaking Children with Hearing Impairment. Investigators: Mr. Manohar N., Mrs. Revathi K. R., Mr. Prashanth Prabhu P., Mr. Raghavendra G. N. Funding: AIISH Research Fund. Amount: ₹ 3.31 lakhs.
12. Development and Standardization of an Oral Sensorimotor Evaluation Protocol for Children (OSEP-C). Investigators: Dr. N. Swapna. Funding: AIISH Research Fund. Amount: ₹4.33 lakhs.
13. Development and Standardization of Questionnaire to Assess the Outcome in Adult Hearing Aid Users. Investigators: Dr. K. Rajalakshmi, Ms. Mamatha N. M., Dr. Ramadevi Sreenivas K. J. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
14. Development of Toy Usage Index for Children with Developmental Disabilities. Investigators: Dr. S. Venkatesan, Mr. Yashodhara Kumar G. Y. Funding: AIISH Research Fund. Amount: ₹ 3.01 lakhs.
15. Disability Evaluation in Mental Retardation using WHODAS 2.0 in a Clinical Setting. Investigators: Mr. Freddy Antony, Mr. Sanjeev Kumar Gupta. Funding: AIISH Research Fund. Amount: ₹3.25 lakhs.
16. Effect of auditory deprivation on some aspects of temporal processing and speech perception abilities. Investigators: Dr. M. Sandeep, Ms. Chandni Jain. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
17. Effect of Canal Widening (Type I Tympanoplasty) on Hearing Sensitivity. Investigators: Dr. T. K. Prakash, Dr. H. Sundara Raju, Ms. Devi N. Funding: AIISH Research Fund. Amount: ₹ 4.99 lakhs.
18. Effect of Noise and Noise Reduction Technique on Speaker Identification. Investigators: Dr. Hema N. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.

#### AIISH Funded Research

9. Adaptation and validation of Vocal Fatigue Index (VFI) in Kannada. Investigators: Mr. R. Rajasudhakar. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
10. Bithermal caloric test and video impulse test for the assessment of unilateral vestibular pathologies. Investigators: Mr. Niraj Kumar Singh, Dr. Rajeshwari G. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
19. Effectiveness of SNR-50 and SNR Loss in hearing aid evaluation. Investigators: Dr. P. Manjula, Ms. Megha Funding: AIISH Research Fund. Amount: ₹4.33 lakhs.
20. Factors affecting cocktail-party listening in normal hearing listeners. Investigators: Ms. Chandni Jain, Mr. Vikas M.D. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.



21. Genetic insights of cerebral palsy using massively parallel sequencing. Investigators: Dr. N. Sreedevi, Dr. N. Swapna, Dr. Srinivas Kovalli. Funding: AIISH Research Fund. Amount: ₹ 6.31 lakhs.
22. Morphosyntactic Processing in Dyslexia: Application of an ERP Measure. Investigators: Dr. Jayashree C. Shanbal, Ms. Mamatha N. M., Mr. Gopi Sankar R. Funding: AIISH Research Fund. Amount: ₹ 4.03 lakhs.
23. Neural correlates of perceptual learning of non-native speech sound contrast learning. Investigators: Dr. Ajith Kumar U., Dr. Santosh M. Funding: AIISH Research Fund. Amount: ₹ 6.33 lakhs.
24. Noise Mapping of Mysuru City. Investigators: Mr. Sreeraj K. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
25. Relationship between Envelop Difference Index (EDI) and Speech Perception with Noise Reduction Strategies in Hearing Aids. Investigators: Ms. Geetha C., Dr. Hemanth N. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
26. Sequel of auditory dys-synchrony on speech production. Investigators: Ms. Priya M. B., Dr. M. Sandeep. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.
27. Stories of Aphasia: Exploring paths to recovery in India. Investigators: Dr. S. P. Goswami, Dr. Julie A. Hengst, Ms. Sonal V. Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi, Ms. Pinky Singh. Funding: AIISH Research Fund. Amount: ₹ 11.99 lakhs.
28. Within and across temporal resolution abilities in individuals with normal hearing, sensorineural hearing loss and auditory neuropathy spectrum disorders. Investigators: Dr. Animesh Barman. Funding: AIISH Research Fund. Amount: ₹ 4.33 lakhs.

### New Research Projects

Thirty one research projects worth ₹ 366.81 lakhs were initiated in different departments during the reporting year. Of these, five projects worth ₹ 236.31 lakhs were funded by DST and DBT, and the remaining by the institute.

### Externally Funded Research

1. Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss. Investigators: Dr. Sandeep M. Funding: Department of Science and Technology. Amount: ₹ 69.00 lakhs.
2. Development of Battery for Cognitive Communication in Kanada (BCC-K). Investigators: Dr. S.P. Goswami, Dr. Julie A. Hengst, Dr. Murali Krishna and Mr. Varun Uthappa, A.G. Funding: ICMR. Amount: ₹ 25.62 lakhs.
3. Efficacy of computer based training module on auditory and cognitive skills in children with central auditory processing disorders. Investigators: Dr. Prawin Kumar, Dr. Niraj Kumar. Funding: Department of Science and Technology. Amount: ₹ 31.00 lakhs.
4. FMRI & ERP evidence for improvement in Audio-Visual integration in individuals with ANSD post speech reading training. Investigators: Dr. K Rajalakshmi, Dr. Arun Kumar Gupta. Funding: Department of Science and Technology. Amount: ₹ 51.00 lakhs.
5. NASOSPEECH: Development of Diagnostic system for Severity Assessment of the Disordered Speech. Investigators: Dr. Ajish K. Abraham, Dr. S. R. M. Prasanna, IIT Guwahati. Funding: Dept. of Bio Technology, Govt. of India. Amount: ₹ 59.69 lakhs.

### AIISH Funded Research

6. An Adaptation of Bankson Language Screening Test in Hindi (BLST-H). Investigators: Dr. Brajesh Priyadarshi, Dr. S.P. Goswami. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
7. An Adaptation of Early Reading Skills (ERS) in Malayalam (ERS-M). Investigators: Dr. Brajesh Priyadarshi, Ms. Gayathri Krishnan. Funding: AIISH Research Fund. ₹ 4.93 lakhs
8. Audiological and vestibular assessment in persons with osteoporosis and osteopenia. Investigators: Dr. Prawin Kumar, Dr. Raghunandana S. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
9. Behavioural and electrophysiological correlates (N400) of lexical and phonological access in children with stuttering. Investigators: Dr. M. Santosh, Dr. M. Sandeep. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.



10. Cognitive linguistic abilities across different vocations. Investigators: Dr. Shyamala K.C. Funding: AIISH Research Fund. Amount: ₹ 8.53 lakhs.
11. Contributory factors of hearing handicap in individuals with sensorineural hearing loss and auditory neuropathy spectrum disorder (ANSO). Investigators: Dr. Ajith Kumar U., Dr. Hemanth N. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
12. Database on communication disorders published in India. Investigators: Dr. Shijith Kumar C., Mr. Nanjunda Swamy M., Mr. Nandeesh B. Funding: AIISH Research Fund. Amount: ₹ 4.20 lakhs.
13. Design, development and validation of open source platform for AIISH digital repository and online public access catalogue. Investigators: Dr. Shijith Kumar C., Mr. Nanjunda Swamy M., Mr. Nidheesh David Kuruvilla, Mr. Lokesh P., Mr. Raghavendra G. N. Funding: AIISH Research Fund. Amount: ₹ 3.00 lakhs.
14. Development and evaluation of indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs. Investigators: Ms. P. V. Ramanakumari, Dr. Ajith K. Abraham, Ms. P.V. Manjula. Funding: AIISH Research Fund. Amount: ₹ 3.85 lakhs.
15. Development of auditory based application software for Tinnitus treatment. Investigators: Dr. Hemanth N., Dr. Ajith Kumar U. Funding: AIISH Research Fund. Amount: ₹ 8.53 lakhs.
16. Development of low frequency range word lists in Malayalam. Investigators: Mr. Prashanth Prabhu, Mr. Jithin Raj B. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
17. Development of severity rating scale for children with autism spectrum disorders. Investigators: Dr. Shyamala K.C. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
18. Effect of cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential. Investigators: Mr. Sachchidananda Sinha, Dr. Niraj Kumar Singh, Mr. Nirnay Kumar Keshree, Dr. Shenal Kothari. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
19. Effect of combined tactile, thermal and gustatory stimulation on feeding and swallowing in children with cerebral palsy. Investigators: Dr. Swapna N., Ms. Prathima S. Funding: AIISH Research Fund. Amount: lakhs. ₹ 4.93 lakhs
20. Effect of resource material on impact of inclusive education in children with intellectual disabilities (ID) and learning disabilities (LD). Investigators: Dr. Malar G., Ms. S. Prathima. Funding: AIISH Research Fund. Amount: ₹ 3.85 lakhs.
21. Effect of spatial noise on speech identification. Investigators: Dr. Asha Yathiraj. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
22. Exploring real world hearing aid usage and outcome: Current Indian scenario. Investigators: Dr. P. Manjula. Funding: AIISH Research Fund. ₹ 4.93 lakhs.
23. Field-testing of 'Constant Therapy' in Hindi and Kannada. Investigators: Dr. S.P. Goswami, Dr. Swathi Kiran. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
24. Impact of acoustic stimuli used for various measures of VEMP on the auditory system. Investigators: Dr. Niraj Kumar Singh, Dr. Prawin Kumar. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
25. Lexical processing in Type 2 diabetes. Investigators: Dr. Rajasudhakar R. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
26. Normative data for click rate induced facilitation for assessing temporal integration. Investigators: Dr. K. Rajalakshmi, Mr. Prashasti P. Poovaiah. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
27. Phonological encoding in children with stuttering. Investigators: Dr. Sangeetha Mahesh, Ms. Geetha M.P. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
28. Prevalence and risk factors of voice problems and knowledge of vocal health in professional Carnatic singers and non-singers. Investigators: Dr. Usha Devdas, Dr. M. Santosh. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.
29. A descriptive study on the videofluoroscopic measures of neurogenic dysphagia in patients with stroke and motor neuron disease. Investigators: Dr. S.P. Goswami, Ms. Gayathri



Krishnan, Ms. Manju Mohan, Dr. Musalcharan Nat, Dr. Syleja. Funding: AIISH Research Fund. Amount: ₹ 4.93 lakhs.

30. Validation of discourse analysis scale on adults with dementia. Investigators: Dr. Hema N. Funding: AIISH Research Fund.

Amount: ₹ 4.93 lakhs.

31. Validation of nasality severity Index. Investigators: Dr. Navya A., Dr. M. Pushpavathi. Funding: AIISH Research Fund. Amount: ₹4.93 lakhs.



## Doctoral Research

Totally, ten students completed their doctoral research during the reporting year, and among them eight were awarded the degree and the remaining one was under evaluation. In addition, 45 students were pursuing their doctoral research in different departments of the Institute during the reporting year. The details of completed and ongoing doctoral research are given in table 1 and 2 respectively.

Table 1: Completed Doctoral Research

Name	Topic	Guide	Status
Chendri Jain	Relationship among psychophysical abilities speech perception in noise and working memory in individuals with normal hearing sensitivity across different age groups	Ajith Kumar U.	Awarded
Devil M.	Auditory evoked potential correlates of speech and music in individuals with and without musical abilities	Ajith Kumar U.	Awarded
Geetha C.	Optimization of Compression Parameters in Hearing Aids Using Aided Audibility Index	Manjula P.	Awarded
Gopi Sankar R.	Some Acoustic and Perceptual Parameters of Cleft Palate Speech: A Pre-Post Operative Condition	Pushpavathi M.	Awarded
Mill Mary Mathew	Development of Gesture and Speech in Typically Developing Infants	Manjula R.	Awarded
Rameya V.	Effect of Temporal Resolution Training in Older Adults with Temporal Processing Deficits	Asha Yathiraj	Awarded
Seegatha Mahesh	Linguistic Variability in Mono and Bilingual Children with Stuttering	Geetha Y.V.	Awarded
Usha Shastri	Auditory Perceptual Training of Non-Native Speakers: Role of Auditory and Cognitive Factors	Ajith Kumar U.	Awarded
Poochi T. Thomas	A Comparative Study on Content and Process of Semantic Memory in Malaysian Speaking Persons with Dementia and Aphasia	Gowerni S.P.	Submitted
Ramy Roy	Emerging Phonemic Behaviour in Hindi and Malaysian Speaking Children in the Age Range 4 to 12 Months: A Cross Linguistic Study	Breederi N.	Submitted



Table: 2: Ongoing Doctoral Research

Name	Topic	Guide
Amoolya G.	Bilingual Effect on Written Language Skills in Kannada-English Bilingual-Biliterate with learning disability.	Jayashree C. Shanbal
Amulya P. Rao	Effect of vowel contexts and phoneme positions on articulation of phonemes in children with speech sound disorders: Pre-post therapy comparison	Sreedevi N.
Anjana. A.V.	Emergent Literacy Profiling in Malayalam – English Bilinguals	Prema K.S.
Anuprasad S	Auditory Processing and Auditory Working Memory in Children with Benign Epilepsy with Centrotemporal Spikes	Rajalakshmi K.
Aparna V.S.	Speech and Language outcomes in school going children following early primary cleft palate repair	Pushpavathi M.
Arunraj K.	Clinical Validation of Wideband Absorbance Tympanometry in Detecting Middle Ear Disorders	Animesh Barman
Darga Baba Fakruddin	Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naive Hearing aid Users	Rajalakshmi K.
Deepthi K. J.	Speech and Language Characteristics of 3-5 year old Children with Cleft of Lip and Palate	Pushpavathi M.
Dhanya M.	Preceptual Cues of Coarticulation in normal hearing and individuals with hearing impairment in Malayalam	Sandeep M.
Dhatri S. Devaraju	Behavioral and Electrophysiological Correlates of Auditory-Visual Integration in Persons with Stuttering	Ajith Kumar U.
Ganapathi M.K.	The Effect of Age and Noise on Acoustic Change Complex	Manjula P.
Geethi S.	Development of a Metapragmatic Tool for Malayalam Speaking Adolescent Children	Shyamala K.C.
Irfana M.	A Cross-linguistic Study of Lingual Coarticulation in Kannada, Malayalam and Hindi Language using Ultrasound imaging procedure	Sreedevi N.
Jawahar Anthony P.	Stream Percept with Sinusoidally Amplitude Modulated Stimuli and its Relation with Speech Perception in Noise in Individuals with Normal Hearing And Sensorineural Hearing Loss.	Animesh Barman
Jithin Raj B.	Auditory, Neurophysiological and Cognitive Factors of Hearing aid, Acclimatization in Individuals with Cochlear Hearing Loss	Sandeep M.
Kumari Apeksha	Effect of Noise and Amplification on Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder: Electrophysiological and Behavioural study.	Ajith Kumar U.
Lakshmi S. Mohan	Development of Predictive Screening tool for Preschool Children with Autism Spectrum Disorders in Malayalam	Jayashree C. Shanbal
Mahesh B.V.M.	Influence of Second Language (English) Proficiency on Speech Motor Variables in Bilinguals who Stutters	Manjula R.
Mamatha N.M.	Effect of auditory processing abilities on academic performance in Kannada Speaking primary school children	Asha Yathiraj
Manju Mohan P.	Novel Word Learning in Persons with Epilepsy	Goswami S.P.
Megha	Perceptual, Cognitive and Neurophysiological Bases of Hearing Aid Acclimatization	Sandeep M.
Nike Gnanateja G.	Effect of Speech Intelligibility on the Cortical Entrainment to the Temporal Envelope of Speech	Sandeep M.
Nisha K.V	Effects of Training on regime on behavioural and Electrophysiological Correlates of Auditory Spatial Processing in Individuals with Sensorineural Hearing Impairment	Ajith Kumar U.
Pavan M.	Investigation of Mechanisms Underlying Poor Speech Perception in Individuals with Cochlear Hearing Loss based on Recovered Envelope Cues and the Contribution of Temporal Fine Structure Cues in Sequential Stream Segregation	Rajalakshmi K.
Pebbili Gopi Kishore	Efficacy of Eclectic Voice Therapy Program in the Treatment of Hyperfunctional Voice Disorders	Pushpavathi M.



Name	Topic	Guide
Prajna Bhat J	Brainstem Neurophysiological Correlates of Pitch Coding in Vocal and Instrument Musicians	Rajalakshmi K.
Prashanth Prabhu P.	Amplification Strategies to Improve Aided Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder	Animesh Barman
Priya M.B.	Test Battery for Phonological Representations in Kannada Speaking Children	Manjula R.
Priyanka	Cross-Linguistic Generalization of Fluency in Kannada –English Bilingual adults who Stutter: Effect of Non- Programmed Prolonged Speech Treatment	Santosh M.
Priyanka V.	Temporal Processing, Speech Perception in Noise and Auditory Working Memory in Vocalists, Violinists and Non-Musicians	Rajalakshmi K.
Rakesh Gatla	Effect of Exposure to Below -Damage Risk Criteria Environmental Noise on Auditory Processing abilities	Sandeep M.
Reuben Jebaraj	The Influence of Hearing Aid Fitting Strategies on Speech Recognition in Individuals with Sloping Hearing Loss	Manjula P.
Reuben Thomas Varghese	Comparison of Early Cognitive- Communicative Deficits between Persons with Dementia of Alzheimer's Type(DAT) and Mild Cognitive Impairment (MCI)	Goswami S.P.
Roshni Pillai	Auditory, Visual and Auditory-Visual Perception in Children with Learning Disability	Asha Yathiraj
Sahana M.	Development of Deep Test of Articulation for Pressure Consonants in Kannada for Persons with Cleft Lip and Palate	Pushpavathi M.
Sharath Kumar K.S.	Effect of Noise Reduction Algorithm (NRA) in Hearing Aids on Acoustic and Perceptual Measures	Manjula P.
Sharon Susan Sam	Effect of Mapping on Novel Word Learning in Malayalam- English Bilingual Children	Jayashree C. Shanbal
Shylaja K.	Test Battery for Symbolic Communication Skills in 2-4 year Typically Developing Children	Manjula R.
Sreeraj K.	Comprehensive Audiological Characterization of Tinnitus in Individuals with Normal Hearing	Manjula P.
Srikar V.	Auditory Continuity Illusion and Perceptual Restoration of Speech in Noise: Relationship with Speech Intelligibility in Noise in Individuals with Normal Hearing, and Cochlear Hearing Loss	Animesh Barman
Sunitha Sendhilnathan	Effectiveness of a Parent Implemented Training Program for Bilingual Children with Autism Spectrum	Shyamala K.C.
Vignesh S. S.	Auditory Vestibular Functions in Individuals with Multiple Sclerosis	Rajalakshmi K.
Yashaswini L.	Categorical Perception and Processing of Speech and Music stimuli in individuals with and without music training	Sandeep M.
Yashaswini R.	Presymbolic Dyadic Communication Behaviors in Typically Developing Children and Children with Intellectual Impairments (06-1.6 years): A Comparative Study)	Manjula R.
Yashomathi	Comparison of Syntax in Indian Sign Language between 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 carried out as a part of M.Sc. Audiology and M.Sc. Speech-Language Pathology (64 nos.) are given in table 3 and the ongoing research works (61 nos.) in table 4.

Table 3: Completed postgraduate research

Candidate	Topic	Guide
Abhishek Gowda	Role of hearing aid bandwidth on perception of speech and music in individuals with sensorineural hearing loss	Manjula P.
Aditi Gargeshwari	Test retest repeatability of contralateral inhibition of transient evoked otoacoustic emissions	Ajith Kumar U.
Akhila Rahul	Perception of Affective Prosody in 5-7 year old Malayalam speaking children with Specific Language Impairment	Jayashree C. Shanbal
Akshatha Yogendra	Effect of hearing aid acclimatization on some auditory and 3working memory skills in individuals with hearing impairment	Ajith Kumar U.
Akshaya S.	Semantic Categorical Processing in Kannada Speaking Elderly Adults	Prema K.S.
Anusha K.P.	Task Variability in Lexical Retrieval of Nouns and Verbs in adults	Prema K.S.
Aswathy	Effects of native verses non native languages on closed set speaker identification using Mel-Frequency Cepstral Co-Efficient (MFCC)	Hema N.
Ayesha Anjum	Benchmark for Speaker Identification for Nasal Continuants in Urdu In Direct Mobile and Network Recording	Savithri S.R.
Bashpa P.V.	Protocol for profiling Children with Stuttering in English	Geetha Y.V.
Bharathi M. Vimal	Effect (Immediate and prolonged) of Semi Occcluded vocal Tract Voice Exercise in Individuals with and without voice Disorders	Jayakumar T.
Chaithra N.	Protocol for profiling Children with Stuttering in Kannada	Geetha Y.V.
Darshan H.S.	Sentence interpretation in bilingual children with and without specific language impairment	Shyamala K.C.
Deepak P.	Fast mapping abilities in young bilingual and multilingual children	Shyamala K.C.
Deepthi Dechamma	Comparison of speech rhythm between solo reading and choral reading tasks in adults who stutter	Santosh M.
Haritha Mohan	Rapid automatized naming and reading in 5-7 year old Malayalam speaking children with Specific language impairment	Jayashree C. Shanbal
Helga Maria Nivanka Ravel	Development of an adapted ICF-CY based functional Assessment Tool for pre-school children with Autism	Shyamala K.C.
Indu T.S.	Influence of vocoder frequency bands on perception of Malayalam chimeric sentences	Devi N.
Ishu Mittal	Hearing aid handling skills: Comparison across the duration of hearing aid use	Rajalakshmi K.
Jeevan Baby Jacob	International outcome inventory for hearing aids (IOI-HA) in Malayalam – Adaptation from (IOI-HA) English	Rajalakshmi K.
Jha Raghav Hira	Assessment of semicircular canal, saccule and utricle function in elderly population	Sujeet Kumar Sinha
Jim Saroj Winston	Effect of auditory and visual distracters on brainstem encoding of speech	Sandeep M.
Jitendra Saini	Effect of Mozart Music in children with Autism	Abhishek B.P.
Kadisonga, P.	Normative Score for Nasalance in Manipuri Speaking Adults	Jayakumar T.
Madalambika M.B.	Relationship between speech in noise test, auditory efferent system and speech ABR: Comparison between younger and middle aged adults	Sujeet Kumar Sinha
Madhusagar G.	Effect of noise spectrum on cortical evoked auditory potentials in younger and older adults with normal hearing sensitivity	Animesh Barman
Maithri N.	International outcome inventory for hearing aids (IOI-HA) in Kannada – Adaptation from (IOI-HA) English	Rajalakshmi K.
Mamatha H.R.	Auditory brainstem responses using chained stimuli of multiple frequency tone bursts	Sandeep M.
Meghana Mohan B.	Effect of noise spectrum on cortical evoked auditory potentials in individuals with normal hearing and individuals with Sensorineural hearing loss	Animesh Barman



Candidate	Topic	Guide
Merin Jose	Speech Rhythm in Malayalam-Speaking Children with Hearing Impairment	Savithri S.R.
Nikitha	Constant Therapy: An Adaptation in Kannada	Goswami S.P.
Vimala Jayakrishna Kasturi	Constant Therapy: An Adaptation in Hindi	Goswami S.P.
Nikitha M.	Temporal Miscoordination in Kannada Speaking Children with Stuttering	Savithri S.R.
Nirupama S.	Effect of duration and level of noise exposure on frequency resolution ability in individuals with occupational noise exposure	Devi N.
Pancham Ponnana S. A.	Equivalence of the matrix sentence test in Indian-English in the presence of noise	Asha Yathiraj
Pavithra K.	Cognitive - Communication Functions in Persons with Parkinson Disease	Prema K.S.
Pooja C.	Development of Minimal Pair Based Intervention Manual For Children with Speech Sound Errors in Kannada	Sreedevi N.
Potdar Riddhi Suhas	Effect of noise spectrum on cortical evoked auditory potentials in children with and without learning disability	Animesh Barman
Potha Soundaraj	Voice use Profile in Mothers of Children with Hearing Impairment by using Ambulatory Phonation Monitor: An Exploratory Study	Rajasudhakar R.
PrabhuLatika Ramesh	Retrospective study on prevalence and audiological findings in cases with chronic suppurative otitis media (CSOM)	Chandni Jain
Pratibha Nagalakshmi N.G.	Comparison of coarticulation perception in individuals with hearing impairment and normal hearing individuals	Asha Yathiraj
Preeti Pandey	Comparison of adaptive multi band directional microphones vs. fixed directional microphone in adults with binaural hearing aids	Sreeraj K.
Radhika Suresh	Code mixing and code switching in 8-10 year old Malayalam-English (M-E) bilingual children	Jayashree C. Shanbal
Rashika Sharma	Variability of stuttering frequency in adults across five consecutive days	Santosh M.
Rashmi E.	Effect of degree of acquired cochlear hearing loss on ocular vestibular evoked myogenic potential	Niraj Kumar Singh
Rini Skaria	Vowel Space Areas Across Different Regional Dialects in Malayalam	Sreedevi N.
Sahana Srinivasan	Study of Vowel Space Areas across Regional Dialects in Kannada	Sreedevi N.
Sahana V.	Comparison of hearing aid acclimatization in older individuals using receiver in the canal (RIC) and behind the ear (BTE) instruments	Jijo P.M.
Shalini Bansal	Objective assessment of otolith and SCCs functions in individuals with severe to profound hearing loss	Sujeet Kumar Sinha
Sheba Merin Jacob	Voice Analysis of Basic Emotional Speech Utterances	Jayakumar T.
Shilpa Nanjappa	Speech Characteristics in Adults with unrepaired Cleft Palate	Pushpavathi M.
Shruthi G.R.	Comparison of Diadochokinetic rate and Rate of Speech in Children with and without Stuttering	Geetha Y.V.
Shruthi R.V.	Development of Normative Data for Cognitive Linguistic Assessment Protocol For Children in Kannada Between 6-8 years	Rajasudhakar R.
Sindhu P.	Manipulation of hearing aid gain and tinnitus suppression: A paired comparison study	Hemanth N.
Sudhir Kumar	Speech perception and sub-cortical processing of speech in presence of noise in children with dyslexia	Prawin Kumar
Supreetha L.	Episodic, Working and Semantic Memory in Neuro-Typical Elderly Individuals Between 60-70 years	Rajasudhakar R.
Suvetha N.	Effect of Cognitive Load on Voice Characteristics	Yeshoda K.
Swathi J.	Velocity profiles and Spatio Temporal Indices in the speech of children with cerebral palsy	Manjula R.
Tina Hephzibah S.	Hearing and cochlear functioning in polycystic ovarian	Chandni Jain
Vandana B.	Hearing aid for tinnitus management: A comparison study of amplification strategies on audibility of tinnitus	Hemanth N.
Varun Singh	Relationship between P300 event related potential, tests of central auditory function and working memory in children with dyslexia	Prawin Kumar

Candidates	Topic	Guide
Veena S. Ramkumar	Verbal recall abilities in younger and older adults	Abhishek B.P.
Vidhya Surash	Test retest reliability of speech evoked P500	Ajith Kumar U.
Vinodhachandran B.K.	Auditory localization: Effects of sound location and spatial semantic processing in individuals with left-right orientation difficulty	Asha Yathiraj
Yashwanth B.C.	Selective and divided attention span in younger and older adults using linguistic stimuli	Abhishek B.P.



Table 4: Ongoing postgraduate research

Candidates	Topic	Guide
Abhijeet	Evaluation of digital hearing aids with wireless synchronization in older adults	Geetha C.
Abhishek	Screening test of articulation in Kannada using dynamic time warping on proto type	Senthil S.R.
Ajith A.V.	Development of a tool for screening emergent literacy in Malayalam	Prerna K.S.
Ajith B. Thomas	Effect of Perception of Speech Difficulties on Quality of Life in Individuals with Parkinson disease	Swarna M.
Aashu Marth A.	Assessment of Feeding and Swallowing In Adolescents with Cerebral Palsy	Swarna M.
Anoop	Reasons for use and non-use of hearing aids	Marjula P.
Arun Kumar	Correlation between shift and caloric test in individual with auditory neuropathy spectrum disorder	Subash Kumar Shrin
Ashwini	Semantic categorization in 8-10 year old Kannada speaking children	Rajasekhara R.
Ashwini B.N.	Lexical semantic organization in children between 4-7 years of age using free word association task	Abhishek B.P.
Bincy Kalan	Fast Mapping Skills in Children with ASD	Shyamala K.C.
Chaitra M.C.	Profile of challenging /relieving situations experienced by people with hearing loss: effects of sociodemographic background	Rajalakshmi K.
Charyshree P.D.	Working Memory in Individuals with Aphasia	Hema N.



Candidate	Topic	Guide
Devamma V.	Comparison of directional microphone and digital noise reduction algorithms in binaural hearing aid users	Devi N.
Devika S.	Narrative Discourse Skills in Children with Learning Disability	Hema N.
Jagacharan	Fast Mapping Skills in Children with SLI	Shyamala K.C.
Jasiya	Vestibular evoked myogenic potentials and video head impulse test in auditory neuropathy spectrum disorder	Niraj Kumar Singh
Jeena T.K.	Binaural interaction component, binaural fusion test and masking level difference in children at risk of central auditory processing disorder	Prawin Kumar
Jesnu Binoy	Acoustic voice quality index (AVQI) and perceptual measures in Indian population	Jayakumar T.
Keerthi S.P.	Working memory and low redundancy speech perception in the normal ear of individuals with unilateral hearing loss	Jijo P.M.
Kirti Joshi	Impact of hearing aid use on vestibulo-ocular reflex and body balance	Niraj Kumar Singh
Krithika G.	Brainstem encoding of speech and corticofugal modulation in children with specific language impairment	Sujeet Kumar Sinha
Lavanya	Relationship between speech perception in noise and working memory in individuals with normal hearing	Ajith Kumar U.
Lokeshwar	Inferring vocal load using infrared thermography.	Savithri S.R.
Manisha Sahu	Brainstem encoding of speech sound in individuals who practice meditation	Sujeet Kumar Sinha
Margaret Vincent	Executive functions in bilinguals	Abhishek B.P.
Meenu A.V.	Effect of short-term exposure to below damage risk criteria noise on temporal processing and speech perception	Sandeep M.
Meghana N.	Effect of pranayama in the management of tinnitus	Mamatha N. M.
Meherunnissa	Validation of instrumental activities of daily living elderly scale to screen individuals with mild cognitive impairment	Jayakumar T.
Nainitha K.K.	Acoustic change complex as an objective gap detection test in elderly individuals	Ganapathy M.K.
Nakhwa Sonal	Development and evaluation of high frequency speech identification test in Indian-English for children	Asha Yathiraj
Naveen C.P.	Influence of number of frequency bands on perception of Kannada chimeric sentences and words	Devi N.
Nayana M.	Psychoacoustic abilities of normal ear of listeners with unilateral hearing loss	Jijo P.M.
Nithya K.	Mental lexicon in children: Representation of concrete and abstract words	Prema K.S.
Pavana M.	Effect of frequency transposition on learning of artificial speech in normal hearing individuals	Ajith Kumar U.
Preethi M.	Effect of intensity, repetition rate and stimulus type on spectrum of auditory brain stem response	Animesh Barman
Priya K.P.	Early speech perception test for Kannada speaking children	Asha Yathiraj
Rahul K. Naidu	Comparison of Velocity Profiles and Spatio Temporal Indices (STI) of typical adults for Speech and Volitional Non-Speech Task	Yashomathi
Rajith B.N.	Click-rate induced facilitation of acoustic reflex in children with sensory neural hearing loss	Rajalakshmi K.
Ranjitha	Verbal Recall Abilities in individuals with and without Cognitive Impairment	Abhishek B.P.
Rashmi Yuvashree	Visual Recognition Skill in Individuals with Aphasia	Shyamala K.C.
Robina A.	Acceptable noise level: effect of background language and number of speakers in Kannada speaking older adults with hearing impairment	Geetha C.
Sanakalpa M.	Comparison of children at risk for auditory processing disorder between urban and rural schools	Asha Yathiraj
Sanjeev M.R.	Effect of noise on the sentence identification test in Kannada in individuals with hearing loss	Geetha C.



Candidate	Topic	Guide
Saraswathi	Voice disorder outcome profile (V-DOP) adaptation and validation in Telugu	Rajasudhakar R.
Sarga Jose J.	Word recognition in Kannada-English Bilinguals	Prema K.S.
Shamantha M.	Comparison of channel-free and multi channel hearing aids on performance in individuals with sensorineural hearing loss	Manjula P.
Shanthala S.P.	Test retests reliability of video head impulse test in healthy individuals.	Niraj Kumar Singh
Shashank Nema	Linguistic masking release in juveniles and adults-an Indian language perspective	Animesh Barman
Shivaprasad S. Beelagi	Outcomes of hearing aid and challenging situations in listening: a cross sectional study across rural and urban units	Rajalakshmi K.
Shubhaganga D.	Effect of Bluetooth technology in hearing aids on recognition of naturally rate altered speech	Hemanth N.
Shubhasmitha M.	Voice range profile in vocally trained and untrained children	Rajasudhakar R.
Sneha P.	Objective and subjective measures of localization and spatial perception in hearing impaired adults	Ganapathy M.K.
Sreelakshmi H.D.	Cochlear functioning in individuals with sensorineural hearing loss with and without tinnitus	Sreeraj K.
Srikanth Nayak	Relationship between temporal processing, attention	Prawin Kumar
Sumanth A.V.	Voice characteristics of Teachers from Jawahar Navodaya Vidyalaya in Southern districts of Karnataka	Yeshoda K.
Sunanda	Development of Tamil Language test for 6yrs to 16yrs	Jayakumar T.
Swathy B.L.	Threshold estimation using multi-frequency abr in infants	Sandeep M.
Tejaswini S.	Assessing localization ability from individuals with hearing impairment: a study on simulated traffic environment	Hemanth N.
Usha Rani S.	Music evoked p300 in individuals with and without musical abilities	Devi N.
Varsha Vijayan	Syntactic deficits in Persons with Fluent Aphasia	Goswami S.P.
Veena Nataraj	Semantic deficits in Persons with Fluent Aphasia	Goswami S.P.







## Scientific Presentations

The faculty, staff and students of the institute presented 129 scientific papers at various national and international conferences during the reporting year.

1. Abhishek, B.P. & Pritismitha, K.S. (2016). Difference in three basic semantic operations in school going children. Paper presented at the CONVENT 2016, Assam.
2. Abhishek, B.P., Sharon, P., Shreya, R., & Shalini, B. (2017). New word learning in persons with anomic aphasia. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
3. Aishwarya, G., Anusha, C., Anita, J., Lavanya, K., & Prabhu, P. (2017). Health related quality of life measurements in individuals with chronic suppurative otitis media: A south Indian perspective. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
4. Ajish K Abraham. (2017). Effect of microphone type on some temporal and spectral parameters of speech sounds recorded through PC. Paper presented at the 104<sup>th</sup> Indian Science Congress, Tirupathi.
5. Ajish K. Abraham & Ravishankar, M.S. (2016). Cost-effective acoustic solutions to optimize reverberation time in classrooms. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
6. Akhila, C., Janani, C. & Abhishek, B.P. (2017). Sibling relationship in children with autism. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
7. Akhila, C., Janani, C., Nayanika, G., & Prabhu, P. (2017). Does blood group affect ultrahigh frequency auditory sensitivity. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
8. Akshaya, S., & Hema, N. (2016). Cognitive-linguistic changes associated with mild cognitive impairment: A preliminary study. Poster presented at the 20<sup>th</sup> Annual National Conference of the Alzheimer's and Related Disorders Society of India (ARDSI), Mysuru.
9. Anaswara, P., Hina Raba Khan, & Abhishek, B.P. (2017). Relationship between conceptual load and verbal output: Measurement through fictionalized narratives. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
10. Animesh Barman, Madhuri Sharma & Bhuvana, S. (2017). Effect of spectro-temporal enhancement in individuals with cochlear hearing loss and auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
11. Anjana, K., Kadambari, N., & Shobha, B.N. (2016). Efficacy of early stimulation and intervention in treatment of children with multiple disabilities: A case study. Paper presented at the National Conference on Forgotten Citizens: Improving Life for People with Severe Intellectual and Multiple Disabilities, Bhimtal, Nainital.
12. Anuj Kumar, Krithika Gururaj, & Sujeet Kumar Sinha. (2017). Invariance in cervical vestibular evoked myogenic potential response during the different phases of menstrual cycle. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
13. Anuj Kumar, Krithika Gururaj, Sujeet Kumar Sinha (2017). Higher asymmetry ratio and refixation saccades as an indicator of vestibular pathology in motion sickness. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
14. Anuroopa, K.S., Ankitha, S., Namitha, V., Devi, & Sreeraj, K. (2017). Q10 and tip frequencies in individuals with normal hearing sensitivity and sensorineural hearing loss. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.



15. Anusha, C., Aishwarya, G., Anita, J., Lavanya, K., & Prabhu, P. (2017). Development of chronic suppurative otitis media questionnaire (COMQ-12) and chronic otitis media outcome test (COMOT-15) in Kannada. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference, Kolkata.
16. Arpitha, V., Khyathi, G., & Devi, N. (2017). Development and standardization of questionnaire for auditory localization. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
17. Asha Yathiraj & Ramya (2016). Profile of central auditory processing abilities in older adults. Poster presented at the 20<sup>th</sup> Annual National Conference of the Alzheimer's and Related Disorders Society of India (ARDSI), Mysuru.
18. Asha Yathiraj, Geetha. C., Jawahar Antony P., Megha, & Nayana, P.K. (2016). Unusual high electrode impedances and its implication in mapping. Paper presented at the 14<sup>th</sup> Annual Conference of the Cochlear Implant Group of India (CIGICON), Kochi.
19. Bhoomika, C.J., Hema, N., & Devi, N. (2017). Pitch matching accuracy and auditory perception in trained and untrained singers. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
20. Christy, Shruthi, Gnanateja, G.N., & Sandeep, M. (2017). BISIABR: a novel paradigm to record bilateral ABR simultaneously. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
21. Deeksha Handa, Himanshu Kumar Sanju, Pratyasha Jamuar, Prawin Kumar & Niraj Kumar (2016). Neural representation of consonant-vowel transition in individuals with cochlear hearing loss and auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
22. Devaraju, D.S., Gnanateja, G.N., Maruthy, S., Maruthy, S., Uppunda, A.K. (2016). Perception of acoustically altered speech in persons with stuttering. Paper presented at the Hong Kong Speech and Hearing Symposium 2016, Prince of Wales Hospital, Hong Kong.
23. Dhatri S. Devaraju, Ajith Kumar, U., Santosh, M. (2017). Neural correlates of audio-visual integration in persons with stuttering. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
24. Dhatri S. Devaraju, Santosh, M., & Ajith Kumar, U. (2016). Comparison of auditory working memory abilities in adults who do and do not stutter. Paper presented at the Hong Kong Speech and Hearing Symposium, Shatin, Hong Kong.
25. Dhatri. S. Devaraju, Ajith Kumar, U., & Santosh, M. (2016). Brainstem encoding of steady and dynamically changing virtual pitch in adults who do and do not stutter. Paper presented at the Hong Kong Speech and Hearing Symposium, Shatin, Hong Kong.
26. Freddy Antony. (2016). Psychological intervention in speech and hearing Setting. Paper presented at the Symposium on Practice of Clinical Psychology in Speech and Hearing Settings in India: A Clinical Perspective' during the International Conference on Contemporary Trends in Clinical Psychology Training, Research and Practice, Bengaluru.
27. Geetha, C., Vinodhini, P. & Hemanth, N. (2016). Effect of number and type of algorithms in a hearing aid on temporal cues and speech perception. Paper presented at the 9<sup>th</sup> Conference of the Indian Speech & Hearing Association Kerala State Branch (KSB ISHACON), Palakkad.
28. Geetha, C., Vinodhini, P., Hemanth, N. (2016). Does the length of stimuli affect the amount of temporal deviation of speech in a hearing aid? Paper presented at the 6<sup>th</sup> Conference of the Indian Speech & Hearing Association Tamilnadu State Branch (ISAH TN), Puducherry.
29. Gnanateja, G.N., & Sandeep, M. (2017). The myth of dichotic FFRs in the context of their phase dependence. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
30. Gopi Sankar, R. (2017). Perceptual speech characteristics of children with cleft palate



- after primary palatal surgery: Speech outcome. Paper presented at the International Cleft Congress, Mamallapuram, Chennai.
31. Goswami, S.P. (2017). Income and work satisfaction: two sides of the same coin. Paper presented at the Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  32. Goswami, S.P., & Reuben, T.V. (2017). Efficacy of using structured hierarchical framework for improving the problem solving and abstract reasoning in persons with dementia. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  33. Gowtham, V., Kristi, K.D., Prajwal, K.E., Swati, G., & Prabhu, P. (2017). Influence of smoking on ultrahigh frequency auditory sensitivity. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  34. Gupta, S. K. (2016). Psychological aspects of speech, language and hearing: Implications for assessment and intervention. Paper presented at the Symposium on Practice of Clinical Psychology in Speech and Hearing Settings in India: A Clinical Perspective during the International Conference on Contemporary Trends in Clinical Psychology Training, Research and Practice, Bengaluru.
  35. Gupta, S.K., & Vasudha, H.H. (2016). The effectiveness of mindfulness and cognitive retraining techniques for children with learning disability. Paper presented at the 31<sup>st</sup> International Congress of Psychology, Yokohama, Japan.
  36. Hemanth, N. (2017). Effect of deep band modulation on rate altered speech perception on older adult. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  37. Hemanth, N., & Jijo, P.M. (2017). Effect of annoyance level, pitch of the tinnitus and fitting formula on tinnitus relief. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  38. Hemanth, N., & Manjula, P. (2017). Acceptable noise level as an indicator of hearing aid satisfaction: A behavioral and electrophysiological basis. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  39. Hemashree, Sushma, Gnanateja, G.N., & Sandeep, M. (2017). Signs of cochlear neuropathy in individuals using personal music systems. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  40. Himanshu Kumar Sanju, Prawin Kumar, Ganapathy, M.K. & Niraj Kumar (2016). Neural encoding of consonant-vowel Transition In children with central auditory processing disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  41. Jaisinghani, P., & Balan, J.R. (2016). Audiological profile of Joubert Syndrome. Paper presented at the National Conference on Forgotten Citizen, Bhimtal, Nainital.
  42. Janani, C., Akhila, C., Nayanika, G., & Abhishek, B.P. (2017). Selective and divided attention in children. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  43. Jayashree C. Shanbal (2016). An Innovative computerized screening tool for infant cry analysis in the detection of Communication disorders - A Pilot study. Paper presented at the India International Science Fest (IISF) 2016, IISF, New Delhi.
  44. Jayashree C. Shanbal (2017). Atypicalities in auditory processing: Unravelling the language deficits in children with Autism Spectrum Disorders. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  45. Jesnu, J.B., Anu, R.P., & Reuben, T.V. (2016). Voice Analysis of a traffic police personnel: A case study. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
  46. Jijo, P.M., Hemanth, N. (2017). Effect of annoyance level, pitch of the tinnitus and fitting formula on tinnitus relief. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.





47. Jitendra, K.S., Pritismitha, K., & Abhishek, B.P. (2017). New word learning ability in adults. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
48. Krithika Gururaj, Anuj Kumar & Sujeet Kumar Sinha (2017). Encoding of speech to binaural stimulus at the brainstem in middle aged individuals. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
49. Lokeshwar, S., & Rajasudhakar, R. (2016). Voice characteristics of beatboxers: A preliminary study. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
50. Mamatha, H.R., Maruthy, S. (2016). Auditory brainstem responses using chained stimulus of multiple frequency tone bursts. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
51. Manisha Hegde, Usha Devdas, & Santosh, M. (2017). Prevalence and risk factors of voice problems in Hindu Priests. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
52. Manisha Hegde, Usha Devdas, & Santosh, M. (2017). Prevalence and risk factors of voice problems in Yakshagana artists. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
53. Manisha Sahu & Sujeet Kumar Sinha (2017). Brainstem encoding of speech sound in individuals who practice meditation. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
54. Manjula, P., Jawahar Antony, P., Megha, Nayana P. K., & Geetha, C. (2016). Outcome with cochlear implantation in a child with ANSD. Paper presented at the 14<sup>th</sup> Annual Conference of the Cochlear Implant Group of India (CIGICON), Kochi.
55. Manjula, P. V., Ramanakumari, P.V. (2017). Caregivers' knowledge and use of available apps, tools and software in training their wards with hearing impairment. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Rajasthan Chapter, Jodhpur.
56. Manjula, P.V., Ramanakumari, P.V., Suresh, C.B. (2016). Developing functional educational skills in children with multiple disabilities-Barriers and Possibilities. Paper presented at the National Conference on forgotten Citizens: Improving life for people with Severe Intellectual and Multiple Disabilities, Bhimtal, Nainital.



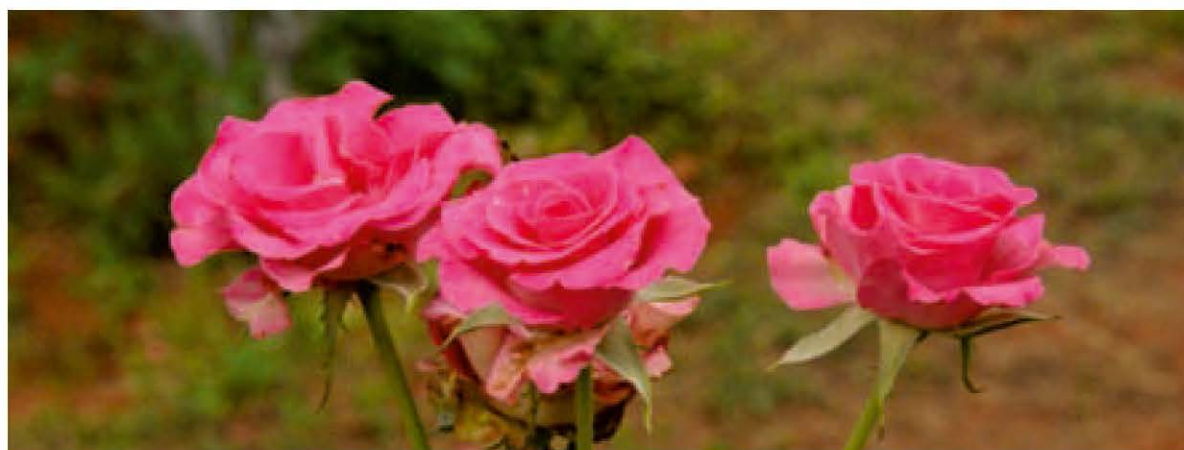
57. Meghana Mohan, Srikar, V., Animesh Barman (2017). Effect of noise spectrum on cortical auditory evoked potentials in individuals with normal hearing and sensorineural hearing loss. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
58. Muhammed Nadeer, & Abhishek, B.P. (2017). Verbal fluency skills in Type II diabetes mellitus. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
59. Namratha, V., Namitha, V., & Rajasudhakar, R. (2016). Exploring speech rhythm of Twins in Kannada and Malayalam. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
60. Naniwadekar, K. (2017). Early identification to intervention-identifying predictors to successful inclusion of children with hearing impairment. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Rajasthan Chapter, Jodhpur.
61. Nayana, M., Keerthi, S.P., & Geetha, C. (2017). Effect of number of talkers and language of babble on ANL. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference, (ISHACON), Kolkata.
62. Nayana, P. K., Vikas, M. D., Sangeetha, B., Veda, & Raju, N. (2017). Temporal resolution and speech perception abilities in individuals with diabetes mellitus Type 2. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
63. Nayana, P. K., Vikas, M.D., Sangeetha, B., Veda, & Raju, N. (2017). Everyday working memory in Type II diabetes mellitus. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
64. Nayana, P.K., Vikas, M.D., Sangeetha, B., Veda, & Raju, N. (2017). Temporal resolution and speech perception abilities in hotel waiters. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
65. Nayana, P.K., Vikas, M.D., Sangeetha, B., Veda, & Raju, N. (2017). Everyday working memory in hotel waiters. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
66. Nayanika, G., Anaswara, Heena Raba Khan & Abhishek, B.P. (2017) Usage of prepositions in typically developing children and children with learning disability. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
67. Nike Gnanateja, G., & Sandeep Maruthy (2016). Timescale of temporal fine-structure cues important for speech perception and perception of acoustically altered speech in persons with stuttering. Paper presented at Hong Kong Speech and Hearing Symposium 2016, Prince of Wales Hospital, Hong Kong.
68. Nike Gnanateja, G., Dhatri S. Devaraju, Sandeep Maruthy & Ajith Kumar Uppunda (2016). Gender difference in the sub-cortical auditory encoding of infant cry. Paper presented at Gordon Research Seminar and the Gordon Research Conference, Bates College in Lewiston, Maine, United States of America.
69. Nikhil, J., Megha, K.N. & Prashanth Prabhu, P. (2016). Diurnal changes in differential sensitivity and temporal resolution in morning type and evening type individuals with normal hearing. Paper presented at AUDICON-3, Manipal.
70. Niraj Kumar Singh, & Nirmala Jagadish (2016). Undesirable vestibular stimulation in cochlear implant users. Paper presented at the 14<sup>th</sup> Annual Conference of the Cochlear Implant Group of India (CIGICON), Kochi.
71. Niraj Kumar Singh, Sachchidanand Sinha, Nimay Kumar Keshree & Shenal Kothari (2016). Effect of cochlear implantation on cervical vestibular evoked myogenic potential. Paper presented at the 14<sup>th</sup> Annual Conference of the Cochlear Implant Group of India (CIGICON), Kochi.
72. Niraj Kumar, Ganapathy, M.K, Prawin Kumar & Himanshu Kumar Sanju (2016). Feasibility of objective assessment of difference limen for intensity using acoustic change complex in children with central auditory processing disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
73. Niraj Kumar, Prawin Kumar & Himanshu Kumar Sanju (2016). Acoustic change complex: An



- objective measure of dli in cochlear hearing loss and auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
74. Potha Soundar Raj, Jitendra Saini & Rajasudhakar, R. (2017). Effect of semi-occluded vocal tract exercises (SOVTs) on voice in phono-normals. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  75. Prabhu, P. & Pratyasha, J (2017). Prevalence of vestibular symptoms in individuals with auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  76. Prabhu, P. & Pratyasha, J. (2017). Evaluation of dizziness handicap in adolescents and adults with auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  77. Prabhu, P. (2017). Evaluation of hearing handicap in adults with auditory neuropathy spectrum disorder. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference, (ISHACON), Kolkata.
  78. Prabhu, P. (2017). Is tinnitus a major concern in individuals with auditory neuropathy spectrum disorder: A questionnaire based study. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  79. Prajwal, K.E., Swati, G., Gowtham, V., Kristi, K.D. & Prabhu, P. (2017). Influence of smoking on contralateral suppression of distortion product otoacoustic emissions. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  80. Pratyasha Jamuar, Himanshu Kumar Sanju, Deeksha Handa & Prawin Kumar (2016). Behaviour and social skill in children with hearing impairment and mental retardation: A questionnaire based study. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  81. Prema K.S. Rao & Yashaswini, R. (2016). Tele-service in Speech-Language Pathology and Audiology: Prospects and Challenges. Poster presentation at the International Conference on Telemedicine (Telemedicon), Benagaluru.
  82. Prema, K.S. Rao, & Dorothy V.M. Bishop. (2016). No trade-off between Declarative and Procedural Memory in Children with Specific Language Impairment. Paper presented at the 5<sup>th</sup> Implicit Learning Seminar, USA.
  83. Pushpavathi, M. (2016). Cooccurrence of vleft palate in piere robin syndrome and associated challenges. Paper presented at 10<sup>th</sup> World Cleft Lip, Palate and Craniofacial Congress-2016, Chennai.
  84. Pushpavathi, M. (2017). Contributing factors for expressive language delay in toddlers with repaired cleft lip and palate: An explorative study. Paper presented at International Conference Cleft 2017.
  85. Pushpavathi, M. (2017). Maternal speech stimulation in early intervention program for toddlers with repaired cleft palate. Paper presented at the International Conference Cleft 2017.
  86. Raghav Jha, & Sujeet Kumar Sinha (2017). Assessment of vestibular end organs in elderly individuals. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  87. Ramanakumari, P.V., Manjula P.V. (2017). Journey of a early intervenedzzand implanted child towards Inclusion : A case study. Paper presented at the National Convention of Educators of the Deaf (NCED) India, Rajasthan Chapter, Jodhpur.
  88. Renuka, C. (2016). Computer intervention module for children with hearing impairment. Paper presented at the International conference on Industrial Electronics & Computer Science, Bengaluru.
  89. Reuben, T.V., & Basih, T. (2017). Maternal burnout in MR and HI. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  90. Reuben, T.V., Basih, T., Hannah, T., & Roshna, V. (2017). Effect of fasting on vocal characteristics in teachers. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  91. Reuben, T.V., Shraddha, M., & Nasima, A.



- (2017). Acoustic analysis of voice in Nepalese Bhikkus. Poster presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
92. Sandeep, M., Sharath Kumar K.S., Megha, Sundararaju, H., & Ranjeet Ranjan (2017). Acoustic conductance in inferring middle ear status: Some interesting clinically useful findings. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  93. Sandeep, M., Syeda Aisha, & Chandni Jain (2017). Empirical evidence of auditory deprivation in adventitious hearing loss. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  94. Sangeetha, M., Sreedevi, N., Niharika, M.K., & Nikitha, M. (2016). Diadochokinetic rate in adults with stuttering. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
  95. Sangeetha, R., Veda, P., Shanthala, S.P. & Abhishek, B.P. (2017). Development of subject verb agreement in typically developing children. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  96. Saraswathi, T., Shubhasmitha, M., & Rajasudhakar, R. (2016). Fundamental frequency between speaking and phonation tasks: Are they same? Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
  97. Shalini Bansal & Sujeet Kumar Sinha (2017). The hidden loss of semicircular canal function in adults with congenital hearing loss. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  98. Sharon, P., Shreya, R., Shalini, B. & Abhishek, B.P. (2017). Testing lexical semantic activation in younger and older participants through word picture interference paradigm. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  99. Shijith Kumar, C. (2017). Design and development of web based platform for scientific journals: A case study. Paper presented at the International Conference on Knowledge Resources and Library Technologies, organized by the Bharathidasan University, Tamil Nadu.
  100. Shiyaam, S.B., Sam, P., Akshay, M., Konadath, S. (2017). Influence of occupational noise on perceptual noisiness scores across various categories of professions. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
  101. Shobha, B.N., Asha Suresh, E.G., Latha, C. (2016). Developing motor skill in children with multiple disability: A case study. Paper presented at the National Conference on Forgotten Citizens: Improving life for people with Severe Intellectual and Multiple Disabilities, Bhimtal, Nainital.
  102. Shobha, B.N., Rajkumar, R. (2017). Inclusive education for children with hearing impairment: Role of early childhood educational program. Paper presented at the National Convention of Educators of the Deaf, India (NCED), Jodhpur.
  103. Shradha, M., & Begum, N.A., & Prabhu, P. (2017). Test re-test reliability of components of multi-frequency tympanometry. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.





104. Shubasmitha, M., Saraswathi, T., & Rajasudhakar, R. (2016). Contribution of bandwidth in clear speech. Paper presented at the International Symposium on Acoustics for Engineering Applications (NSA), Gurgaon.
105. Shubhaganga, D., Tejaswini, S., & Prabhu, P. (2017). Influence of practicing yoga on efferent auditory system. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
106. Shubhaganga, D., Tejaswini, S., Zeena, V.P., & Konadath, S. (2017). Cochlear, neural, temporal functions and quality of life in traffic police personnel exposed to occupational noise. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
107. Shyamala, K.C. (2017). Assessment and Management in ASD: An SLP Perspective. Paper presented at the Seminar on Therapeutic Intervention in Autism Spectrum, New Delhi.
108. Shyamala, K.C. (2017). Speech language and communication difficulties in ASD. Paper presented at the Seminar on Therapeutic Intervention in Autism Spectrum, New Delhi.
109. Sridevi, N., Shanbal, J.C., & Arunraj, K., Neethu, T., & Akshay, M. (2016). An innovative computerized screening tool for infant cry analysis in detection of communication disorders: A pilot study. Paper presented at India International Science Festival (IISF): Young Scientist Conclave (Digital India & Make in India theme), New Delhi.
110. Srikar, V., Devi, N., Tejaswini, S., Pavana, M., Rajesh Kumar, R. (2017). Smartphone based applications for rehabilitation of Tinnitus. Paper presented at the National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Tiruchirappalli.
111. Srividya, S., Hannah Thomas, Gnanateja, G.N., & Sandeep, M. (2017). Sensory, neural and psychoacoustic correlates of hidden hearing loss in normal hearing adults. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
112. Suresh Bhargav, D., Sreedevi, N., Swapna, N., & Srinivas, K. (2017). Whole exome sequencing in the molecular diagnosis of microcephaly: A tale of PYCR2 gene and hypomyelinating leukodystrophy -10. Paper presented at the Indian Society for Human Genetics (ISHG), Bengaluru.
113. Swapna, N., Prajwal Kumar, E., & Swati Goyal (2016). Acoustic vowel space in persons with stuttering: A preliminary investigation. Paper presented at the International Symposium on acoustics for Engineering applications (NSA), Gurgaon.
114. Swati, G., Prajwal, Kumar E., Swapna, N. (2017). Acoustic vowel space in children and adults with stuttering. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
115. Sweekriti, P.N., Riddi Wadhwa & Abhishek, B.P. (2017). Effect of linguistic variables on bound recognition abilities: A preliminary Investigation. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
116. Tanuja, M.N., Kristi Kaveri Dutta, Himanshu Kumar Sanju, Nirmala, J., Niraj Kumar & Prawin Kumar (2016). Audio-vestibular findings in individuals with vestibular schwannoma. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
117. Tejaswini, S., Shubhaganga, D., & Prabhu, P. (2017). Effect of practicing Yoga on cervical vestibular evoked myogenic potential. Paper presented at 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
118. Upadhyay, A.K., Gulab Jan (2017). Effectiveness of multimedia as a teaching learning material to primary school children with hearing impairment. Paper presented at the National Convention of Educators of the Deaf, India (NCED), Jodhpur.
119. Venkatesan S (2016). Contributions of Clinical Psychology to the field of Speech & Hearing Research in India. Paper presented at the Symposium on Practice of Clinical Psychology in Speech and Hearing Settings in India: A Clinical Perspective' during the International Conference on Contemporary Trends in Clinical Psychology Training, Research and Practice, Bengaluru.
120. Venkatesh, P., Naniwadekar, K. (2017). Knowledge and attitude of teachers towards

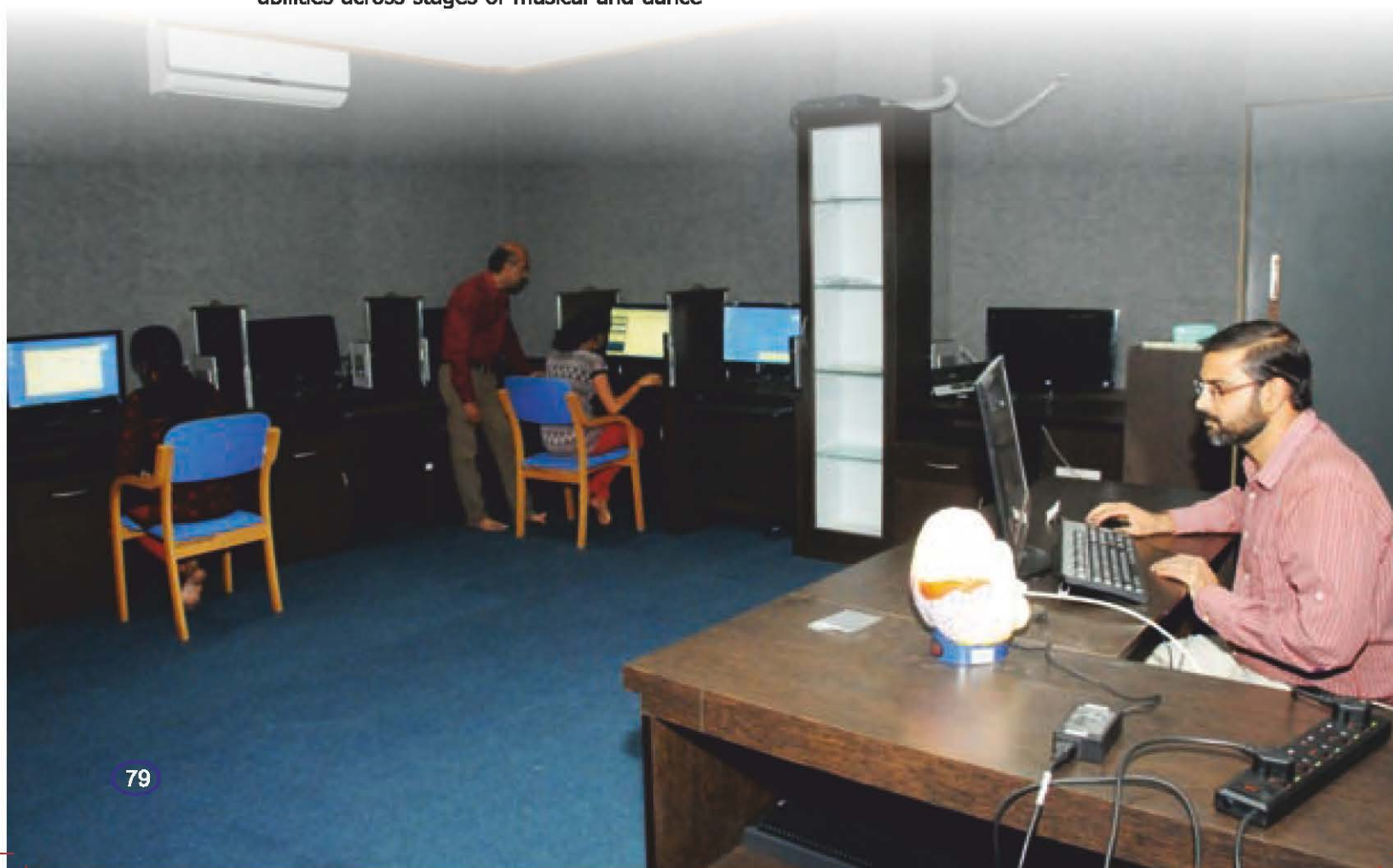


government initiatives for children with hearing impairment. Paper presented at the National Convention of Educators of the Deaf, India (NCED), Jodhpur.

121. Vijayalakshmi, S., Sumana, H.P. (2017). A study on impact of digital awareness in teaching-learning process. Paper presented at the National Convention of Educators of the Deaf, India (NCED), Jodhpur.
122. Vijetha, P. (2016). School performance in children with cochlear implants. Paper presented at the Prof. ULN National Seminar on Research in Education, Vishakapatnam, AP.
123. Vijetha, P. (2017). Impact of adapted social studies lessons on learning in children with hearing impairment. Paper presented at the National Seminar on Research in Social Sciences Education in Indian Schools, New Delhi.
124. Vikas, M.D., Chandni, J., Amrutha (2017). Effect of suprathreshold processing on cocktail party listening in older adults with normal hearing. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.
125. Vikas, M.D., Tejaswini, S., Pavana, M. (2017). Temporal resolution and speech perception abilities across stages of musical and dance

training. Paper presented at the 49<sup>th</sup> Indian Speech and Hearing Association Conference (ISHACON), Kolkata.

126. Vinodhini, P., & Geetha, C. (2016). Evaluation of differences between International Speech Test Signal (ISTS), Kannada passage and English passage. Paper presented at the 9<sup>th</sup> KSB Indian Speech & Hearing Association Conference, Palakkad, Kerala.
127. Vinodhini, P., & Geetha, C. (2017). Influence of hearing aid algorithm on speech perception and frequency specific envelope changes. Paper presented at National conference on Auditory Evoked Potentials, HCC FlaSH Series I, Tiruchirappalli.
128. Yashaswini, R., Swathi, S., Rofina, B., Sonam, B., Sowmya, S., & Prema, K. S. Rao. (2016). Issues in assessment and management of communication disorders through Tele-Mode: A sample survey. Poster presented at International Conference on Telemedicine (Telemedicon), Benagaluru.
129. Yashodhara Kumar, G.Y. (2016). Case reports: try out of smart phone applications for neuropsychological rehabilitation in traumatic brain injury. Paper presented at the International Congress of Psychology, Yokohama, Japan.







The faculty, staff and students of the institute published 53 scientific papers in the In-house Journals and 123 papers in various national and international journals during the reporting year. In addition, 7 books, 23 book chapters and one paper in conference proceedings were published.

### In-house Publications

1. Akshay, C., & Shyamala, K.C. (2016). Effects of Logographic and Phonological Skills on Reading in Typically Developing Children. Student Research at AIISH, Mysore (Article based on dissertation done at AIISH), Vol.X, Part-B, Speech-Language Pathology, 2011-12, 10, 1-9.
2. Alphonsa, M., & Sreedevi, N. (2016). Early phonetic repertoire and syllable structure in typically developing Malayalam speaking children: 18– 24 months. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 10-19.
3. Amoolya, G., & Jayashree C. Shanbal (2016). Sentence comprehension in children with learning disabilities. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 20-31.
4. Anusha, B., & Shyamala, K.C. (2016). Cognitive control in bilingual and multilingual children. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 32-39.
5. Arsha, M.S., & Prema, K. S. (2016). Relation between syntactic awareness and reading ability in 10-12 year old Malayalam speaking children. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 40-51.
6. Arya, G., Rajasudhakar, R., & Sundara Raju, H. (2016). A pre and post-surgical comparison of acoustic, aerodynamic and perceptual analysis of voice in patients with vocal fold polyp. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 52-60.
7. Barkha & Pushpavathi, M. (2016). Development of articulation drill book for cleft palate population in Hindi. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 61-68.
8. Deepthi Damodar & Savithri, S. R. (2016). Influence of native Malayalam language (I1) on English (I2) vowel production. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 69-76.
9. Greeshma, R., & Prema, K. S. (2016). Cross-Linguistic conceptual combination in Kannada-English bilingual children. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 77-89.
10. Hemaraja, N.S. & Rajasudhakar, R. (2016). Vocal fatigue and vocal recovery patterns in adults following an induced vocal loading. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10.
11. Irfana, M., & Sreedevi, N. (2016). Early phonetic repertoire and syllable structure in typically developing Malayalam speaking children: 12-18 months. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 99-104.
12. Prasad, J., & Yeshoda, K. (2016). A comparison of voice characteristics in congenital visual impaired and normal sighted primary school teachers. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 105-114.
13. Jaslin Thomas & Shyamala, K. C. (2016). Cognitive control in bilingual and multilingual children with learning disability. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 115-124.



14. Kareem Prathibha & Yeshoda, K. (2016). Prevalence of voice problems among preschoolers (3.5-5.5 Years) in Yemmiganur Town (Andhra Pradesh). Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 125-133.
15. Louisa B. Suiting, & Jayashree C. Shanbal (2016). Cognitive-linguistic and executive function in long term abstinent alcoholics. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 134-145.
16. Monalisa Jati & Goswami, S. P. (2016). Development of bedside screening test for aphasics in Odiya. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 146-158.
17. Navnit Kumar & Brajesh Priyadarshi (2016). Cognitive-linguistic assessment protocol (CLAP) in Hindi: An adaptation of CLAP for adults in Kannada. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 159-167.
18. Nimisha Raj & Santosh, M. (2016). Contributing factors to listener effort in hypokinetic dysarthria. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 168-180.
19. Prasanna S. Hegde & Prema, K. S. (2016). Transcoding gestures: Complimentary to verbal assessment in aphasia. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 181-195.
20. Priyanka Kashyap & Swapna, N. (2016). Disfluency clusters in adults with stuttering: An exploratory study. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 196-209.
21. Raheela, Q. & Swapna, N. (2016). Processing speed on metalinguistic and non-linguistic cognitive tasks in bilinguals and multilinguals. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 210-223.
22. Reuben Thomas Varghese & Savithri, S. R. (2016). A comparative study of laughter acoustics in college students with and without hearing impairment. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 224-231.
23. Rhea Mariam Korah & Manjula, R. (2016). Assessment Protocol for Oral Motor, Oral Praxis and Verbal Praxis Skills in Malayalam Speaking Children with Childhood Apraxia of Speech and Suspected Apraxia of Speech (APOOV-M). Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 232-243.
24. Rishi Pal & Geetha, Y. V. (2016). Awareness and attitude of parents of children with autism. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 244-252.
25. Santhi, S., & Yeshoda, K. (2016). A comparison of voice characteristics in children with congenital visual impairment and normal sighted children. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 253-260.
26. Saranya, V., & Swapna, N. (2016). Test for the assessment of metasemantic awareness in children in Kannada (TAMAC-K). Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 261-272.
27. Sara Paul & Manjula, R. (2016). Development of Test for the Assessment of Symbol Performance in Aided Communication (TSPAC). Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 273-282.
28. Shabnam Fathima, M., & Santosh, M. (2016). Prevalence and risk factors of voice disorders in mothers of children with hearing impairment and mothers of typically developing children. Student Research at AIISH, Mysore (article based on dissertation



- done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 283-295.
29. Shailaja Shukla & Manjula, R. (2016). Swallow Sound as a factor of different recording sites. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 296-309.
  30. Sindhusa Chandran & Jayashree C. Shanbal (2016). Oral language use and phonemic verbal fluency in bilingual children with learning disability. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 310-321.
  31. Sneha Bhokray & Sreedevi, N. (2016). Cluster acquisition in typically developing Telugu speaking children: 4-6 years. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 322-333.
  32. Sushma, R., & Rajasudhakar, R. (2016). The effects of inter-stimulus interval and prime modality in a semantic priming task in normal Telugu adults. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 334-342.
  33. Swathee Elamon & Geetha, Y.V. (2016). Communicative spontaneity: A comparison between children with developmental and post seizure regressive autism. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 343-351.
  34. Sweta Uttakalika & Geetha, Y. V. (2016). Phonological processing and speech motor control in bilingual adults with stuttering. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-B, Speech-Language Pathology, 2011-12, 10, 352-365.
  35. Aswathi Suresh and Geetha, C. (2016). Combined effect of compression and noise reduction on speech perception and quality. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 1-7.
  36. Deepthi Poovayya & Vijaya Kumar Narne (2016). Behavioral pitch perception and brain-stem encoding of odd and even harmonics. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 8-17.
  37. Gagana, M. S. & Manjula, P. (2016). Effect of frequency compression on speech identification in noise and localization in individuals with hearing impairment. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 18-25.
  38. Hijas Mohamed & Ajith Kumar, U. (2016). Some auditory effects of short-term perceptual training of music. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 26-35.
  39. Hrudananda Sahoo & Ajith Kumar, U. (2016). Comparison of post exposure effect of music through Personal Listening Device (PID) on hearing in young adults. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 36-42.
  40. Indukala, K.V., & Mamatha, N.M. (2016). Effect of age and ear canal resonance on click evoked otoacoustic emissions in toddlers with 1 to 2 years of age. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 43-49.
  41. Mittali Omprakash Joshi & Niraj Kumar Singh (2016). Effect of rise/fall and plateau time on ocular vestibular evoked myogenic potential. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 50-63.
  42. Neha Verma and Manjula, P. (2016). Effect of directional hearing aids on speech perception in noise and localization. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 64-68.
  43. Nisha, K.V., & Manjula, P. (2016). Are different hearing aid settings required for different languages? Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 69-78.



44. Prerna Chandekar & Asha Yathiraj (2016). Lexical neighbourhood test in Telugu. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Vol. XI: 2012-13, 79-88.
45. Radhika Mishra & Sandeep Maruthy (2016). Auditory brainstem response to dichotic speech. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 89-103.
46. Rajkishor Mishra & Kishore Tanniru (2016). Effect of low frequency gain attenuation in Baha with test band in individual with single-sided deafness. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 104-111.
47. Sandeep Mohan & Asha Yathiraj (2016). Central Auditory Processing Skills in Older Adults. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 112-120.
48. Srinath Naik Kethavath & Vijaya Kumar Narne (2016). Frequency Specific Temporal Integration In Individuals with Normal Hearing And Cochlear Hearing Loss. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 121-127.
49. Srishti Rawat & Sandeep Maruthy (2016). Fast Psychophysical Tuning Curves and Threshold Equalizing Noise test in individuals with Menieres Disease. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 128-136.
50. Suchi Soni & Chandni Jain (2016). Transient Effect of Auditory Brainstem Responses on DPOAE in Adults with Normal Hearing Sensitivity. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 137-142.
51. Sudhanshu Vikas & Chandni Jain (2016). Effect of Contralateral Noise on Cochlear Microphonics in Individuals with Menieres Disease. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 143-147.
52. Vinni Chhabra & Sandeep Maruthy (2016). Mismatch Negativity for Malayalam Nasal Contrasts in Native and Non-Native Individuals. Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 148-162.
53. Yashaswini, L., & Mamatha, N.M. (2016). Cortical Encoding of Speech in Noise in Older Adults . Student Research at AIISH, Mysore (article based on dissertation done at AIISH), Part-A, Audiology, 2012-13, 11, 163-172.



## National/International Publications

1. Abhishek, B. P. (2016). Does stimulus related variables influence the performance of lexical decision task in persons with aphasia. *International Journal of Mind, Brain and Cognition*, 7/1-2, 165-172.
2. Ajish K. Abraham, & Manohar, N. (2016). Efficacy of an assistive device for museum access to persons with hearing impairment. *Journal of All India Institute of Speech and Hearing*, 34, 117-127.
3. Anjali Maratt, Z., Preethi Thomas, T., Pushpavathi, M., Venkatesan, S., Siddesh, N.S. & Jayakaran, G.T. (2016). Exploratory study on the developmental pattern of oral-motor function in children with Down 's syndrome. *Journal of All India Institute of Speech and Hearing*, 34, 55-62.
4. Anjana, K., Naniwadekar, K., & Shobha, B. N. (2016). Efficacy of early stimulation and intervention in treatment of children with multiple disabilities: A case study. *International Journal of Educational and Psychological Research*. 5(4), 52-54.
5. Ansu E. Thomas, Preethi T. Thomas & Swethankh, K.S. (2015). Profiling of communication and motor skills in post neonatal Cerebral Palsy: A case report. *Journal of All India Institute of Speech and Hearing*, 34, 25-30.
6. Anusha, C., Anita, J., Namratha, V., & Abhishek, B.P. (2016) Relationship between verbal fluency and second language proficiency skills. *Indian Journal of Applied linguistics*, 42/1-2, 93-100.
7. Apoorva, A., & Ajish K. Abraham (2016). Algorithms for the enhancement of speech signal recorded in adverse conditions. *International Journal for Scientific & Engineering Research*, 7(06), 1-6.
8. Appas Saha, Srushti Shabnam, & Swapna, N. (2016). Pantothenate kinase-associated neurodegeneration (PKAN): A rare clinical entity. *Acta Oto-Laryngologica Case Reports*, 1(1), 90-97. doi:http://dx.doi.org/10.1080/23772484.2016.1247649.
9. Arjun M. Shivakumar & Rajasudhakar, R. (2015). Closed set speaker identification using mel frequency cepstral coefficients on vowels preceding nasal continuants in Kannada. *Journal of All India Institute of Speech and Hearing*, 34, 76-84.
10. Arjun, M., & Rajasudhakar, R. (2016) Benchmark for speaker identification using Linear Prediction Coding (LPC) on vowels preceding nasal continuants in Kannada. *Journal of Acoustical Society of India*, 43(2), 97-107
11. Barman, A., Prabhu, P., Narne, V.K., Singh, N.K. & Spoorthi, T. (2017). Low frequency bi-syllabic wordlists in a south-Indian language, Kannada: Development, standardization and validation. *Hearing, Balance & Communication*, 15(1), 38-47.
12. Barman, A., Prabhu, P., Narne, V.K., Thammaiah, S., Singh, N.K., & Gupta, M. (2017). Development and standardization of auditory low-frequency word lists in Hindi. *Journal of Hearing Science*, 6(4), 39-49. doi: 10.17430/899781.
13. Biddappa, P.M., Seth, D., & Manjula, R. (2016). Rapid automatized processing of nouns and verbs in typical children. *International Journal of Disability and Human Development*. Advance online publication. doi: <https://doi.org/10.1515/ijdhhd-2016-0030>.
14. Brajesh Priyadarshi. (2015). Kinship terms of Urdu in Mysore and Lucknow varieties: A comparative study. *Indian Linguistics*, 76 (1-2), 115-130.
15. DeSilva, M.D.K., Kooknoor, V., Shetty, H.N., Thontadarya, S. (2016). Effect of multichannel and channels free hearing aid signal processing on phoneme recognition in quiet and noise. *International Journal of Health Science Research*, 6(3), 248-257.
16. Devadas, U., Bellur, R., & Maruthy, S. (2017). Prevalence and risk factors of voice problems among primary school teachers in India. *Journal of Voice*, 31(1), 117.e1-117.e10. doi: 10.1016/j.jvoice. 2016.03.006.
17. Devi, N., Kumar, A.U., Arpitha, V., & Khyathi, G. (2017). Development and standardization of questionnaire on music perception ability. *Journal of Sangeet Galaxy*, 6(1), 3- 13.



18. Devi, N., Swathi, C.S. (2016). Effect of musical training on masking paradigm. *Indian Journal of Otology*, 22(2), 85-91.
19. Gayathri, K. (2016). Assessment of rate and consistency in performance of diadochokinetic task in children and adults using an automated assessment protocol: A preliminary study. *Asian Journal of Multidisciplinary Studies*, 4(8), 87-93. Retrived from [http://www.ajms.co.in/sites/ajms2015/index.php/ajms/article/view/1988/pdf\\_148](http://www.ajms.co.in/sites/ajms2015/index.php/ajms/article/view/1988/pdf_148).
20. Geetha, C., Rajarajan, R., & Kishore Tanniru (2016). Evaluation of digital signal processing algorithms in hearing aids with ear to ear synchronization. *Journal of Acoustical Society of India*, 125-131.
21. Goswami, S.P., Kidwai, J., Kasturi, V.J. & Sharma, R. (2015). Functional communication: Panacea for persons with Aphasia (PWA). *Journal of All India Institute of Speech and Hearing*, 34, 101-109.
22. Goswami, S.P., Venkatesan, S., & Mathews, S. (2015). Disability certification: Issues and concerns. *Journal of All India Institute of Speech and Hearing*, 34: 1-7.
23. Gupta, S.K. (2016). Efficacy of mindfulness-based cognitive behavior therapy in adults who stutter: A preliminary study. *Indian Journal of Clinical Psychology*, 43(1), 20-25.
24. Gupta, S.K. (2016). The efficacy of cognitive behavior therapy in an adult who stutter. *Indian Journal of Psychiatry*, 58(4), 477-478. doi: 10.4103/0019-5545.196726.
25. Gupta, S.K., Yashodhara Kumar, G.Y., & Vasudha, H.H. (2016). Cognitive behaviour therapy and mindfulness training in the treatment of adults who stutter. *The International Journal of Indian Psychology*, 3(3), 78-87. doi:18.01.010/20160303.
26. Hariprasad, B., Shreekanth, T., & Ajish K. Abraham (2016). Reaction time measurement system for the assessment of persons with auditory processing disorder. *IOSR Journal of VLSI & Signal Processing*, 6(4): 50-54.
27. Hema, N., Nidhi, S, Vishali, P., & Jijina, T. (2016). An investigation of discourse cohesion in Indian male-female causal narration. *International Journal of Research Studies in Language Learning*, 6(4), 3-11.
28. Hemanth, N. (2016). Effect of compression ratio and release time on acoustic cues of speech syllables. *Otolaryngol Open Access Journal*, 1(3), 000117. Retrieved from <https://medwinpublishers.com/OOAJ/OOAJ16000117.pdf>
29. Irfana, M., & Sreedevi, N. (2016). An ultrasound study of coarticulatory resistance and coarticulatory aggression, *IRA. International Journal of Management and Social Sciences*, 4(2), 314-323.
30. Irfana, M., & Sreedevi, N. (2016). Coarticulatory aggression and direction of coarticulation: An ultrasound study. *International Journal of Innovative Research and Development*, 5(5), 24-29.
31. Jayashree C. Shanbal & Arunraj, K. (2015). Distribution of communication disorders in primary school children. *Journal of All India Institute of Speech and Hearing*, 34, 128-133.
32. Jijo Pattackal Mathai and Hasheem Muhammed (2016). Effect of hearing aid release time and presentation level on speech perception in noise in elderly individuals with hearing loss. *European Archives of Oto-rhino-Laryngology*, 274(2), 671-677. doi:10.1007/s00405-016-4282-0.
33. Kanchan, A., Ranjan, A.R., Kan, N.A. & Jahan, M. (2016). Neuropsychological rehabilitation of patients with traumatic brain injury. *Acta Neuropsychologica*, 14(3), 213-230.
34. Kumar, P., Pradhan, B., Handa, D., & Sanju, H.K. (2016). Effect of age on time compressed speech perception and speech perception in noise in individuals with normal hearing. *Journal of Hearing Science*, 6(1), 33-39.
35. Kumar, P., Sanju, H.K., Singh, V., & Kumar, S. (2016). Word perception in noise at different channels in simulated cochlear implant listeners. *World Journal of Otorhinolaryngology*, 6(2), 45-49.
36. Kumar, U.A., Deepashree, S.R. (2016). Personal music systems and hearing. *The Journal of Laryngology & Otology*, 130,717-729.
37. Kuppuraj, S., Prema K.S. Rao & Dorothy M.V. Bishop (2016). Declarative capacity does not



- trade-off with procedural capacity in children with SLI. *Autism and Developmental Language Impairments*, 1, 1-17. doi:1177/2396941516674416.
38. Liji Antony, Vani Latha & Yelimeli V. Geetha (2015). Comparison of fluency characteristics in news readers and controls. *Journal of All India Institute of Speech and Hearing*, 34, 48-54.
  39. Lokesh, L., Patra, S., & Venkatesan, S. (2016). Impact of orientation program on emotional intelligence in police personnel. *International Journal of Psychology and Psychiatry*, 4(2), 62-75. doi:10.5958/2320-6233.2016.00014.6.
  40. Lokesh, L., Swathi Patra, & Venkatesan, S. (2016). Job satisfaction among police personnel: a socio-demographic study. *Global Journal of Interdisciplinary Social Sciences*, 5(4): 56-62.
  41. Lokesh, L., Swathi Patra, & Venkatesan, S.(2016). Emotional intelligence among police personnel: socio-demographic analysis. *Guru Journal of Behavioral and Social Sciences*, 4(1), 503-511.
  42. Mahesh, B.V.M. & Manjula, R. (2016). Influence of second language (L2) proficiency on the measure of Spatiotemporal Index of bilabial utterances in typical Kannada (L1) English (L2) bilingual speakers. *Journal of Advances in Linguistics*, 6 (1), 846-860.
  43. Mahesh, B.V.M., & Manjula, R. (2016). The effects of English (L2) language proficiency on speech motor indices for bisyllabic bilabial word utterances in typical Kannada (L1) – English (L2) bilinguals. *International Journal of Speech-Language Pathology*, 19(3),171-179. doi: doi.org/10.1080/2050571X.2016.1164977.
  44. Malar, G., Upadhyay, A.K., & Alam, M. (2016). Efficacy of conventional analytical reading technique versus sight word technique in promoting reading skills in preschool children with hearing impairment. *Journal of National Convention of Educators of the Deaf*, 7(1), 5-12.
  45. Manohar, N. (2016). Improved noise suppression technique for digital hearing aids. *International Journal of Electronics & Communication Technology*, 8(1), 1-6.
  46. Maruthy, S., Sahana, V., & Parakh, P. (2016). Speech rhythm in Kannada speaking adults who stutter. *International Journal of Speech Language Pathology*. Advance online publication. doi: 10.1080/17549507.2016.1221459.



47. Mili, M. M., & Manjula, R. (2016). Gaze behaviours in infancy: Rethinking their development as a dynamic system. *International Journal of Speech-Language Pathology*, 19(1), 99-108. doi: 10.3109/17549507.2016.1143971.
48. Mohammed Abbasi, M., & Shymala, K. C. (2016). Enhancing language Acquisition in Iranian - English context: Instructions as partners. *Research Highlights*, III(3), 122-128.
49. Mohammed Abbasi, M., & Shymala, K. C. (2016). Learning the 2nd language in Iran. *Research Highlights*, IV(3), 122-128.
50. Nambi, P.M.A., Sangamanatha, A.V., Vikas, M.D., Bhat, J.S., & Sharma K. (2016). Perception of spectral ripples and speech in noise by older adults. *Ageing International*, 41(3), 283-297.
51. Naniwadekar, K. (2016). The Learning burden-problem of curriculum load. *International journal of Indian Psychology*, 4 (1), 196-201.
52. Naniwadekar, K., & Malar, G. (2016). Influence of psychological wellbeing of mothers on academic achievement of mainstreamed children with hearing impairment. *Global Journal of Interdisciplinary Social Sciences*, 5(6), 27-31.
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## CLINICAL CARE

69490

Patient Registration

Patient Care - New Cases

22469

47021

Patient Care - Repeat Cases

Speech & Language Assessment

7501

6346

Speech & Language Therapy

Hearing Evaluation

14555

7509

Hearing Aid Trial

Ear Moulds Made

4895

6343

Psychological Assessment

Otolaryngological Assessment

38409

15

Specialized Clinical Units

Pre-School Admission

224

774

Distribution of Free Hearing Aids - ADIP Scheme / AIISH



# CLINICAL CARE

## Patient Registration

Totally 69,490 persons were registered for availing clinical services at the institute during the reporting year. This includes 22,469 new and 47,021 review cases. The geographical and gender details of new clients are given in table 1. Majority of them (20953) were from Karnataka, the state in which the institute is located, followed by the neighboring states of Kerala (853), Andhra Pradesh (209) and Tamil Nadu (194). There were 13 clients from north-east region. In addition, there were 12 foreign clients from across the world. Males (13510) outnumbered females (8959) in availing clinical services.

Table 1: Geographical & Gender wise distribution of new clients

Sl. No	Locality	Male	Female	Total
1	Andra Pradesh	124	85	209
3	Assam	5	5	10
4	Bihar	24	6	30
5	Chhattisgarh	4	2	6
6	Delhi	4	2	6
7	Goa	1	0	1
8	Gujarat	3	3	6
10	Himachal Pradesh	0	1	1
11	Jharkhand	16	7	23
12	Karnataka	12539	8414	20953
13	Kashmir	0	1	1
14	Kerala	540	313	853
15	Madhya Pradesh	6	2	8
16	Maharashtra	22	16	38
17	Manipur	0	1	1
20	Orissa	15	3	18
22	Rajasthan	7	7	14
24	Tamil Nadu	132	62	194
25	Telangana	9	4	13
26	Tripura	0	2	2
27	Union Territories	7	3	10
28	Uttar Pradesh	14	8	22
29	Uttaranchal	3	1	4
30	West Bengal	24	10	34
<b>Other Countries</b>				
	Oman	5	0	5
	Qatar	1	0	1
	Portugal	1	0	1
	Singapore	2	0	2
	Somalia	2	1	3
		<b>13510</b>	<b>8959</b>	<b>22469</b>



Totally, 12970 persons with various communication disorders availed speech-language therapy, physiotherapy, occupational therapy, listening training and other special clinic therapies in 74,628 sessions.



## Speech and Language Assessment and Rehabilitation

The speech and language outpatient unit evaluated 7501 clients which includes 5819 new and 1682 review cases. Of the new cases, 5670 were identified with various kinds of speech and language disorders and 149 were found to have normal speech. The details of various speech and language disorders diagnosed are given in table 2 and figure 1.

Table 2: Assessment of Speech-Language Disorders

Disorders	Language Disorders			Fluency Disorders			Voice Disorders			Articulation Disorders			Multiple Disorders			Normal			Total	Hindi	
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G			
April	366	21	3	61	18	0	9	35	7	75	8	1	17	0	0	5	2	0	628	40	
May	394	40	1	72	19	0	9	24	8	78	7	0	2	1	0	20	1	0	676	52	
June	516	25	8	31	26	1	17	28	12	23	3	0	6	3	0	19	2	3	723	44	
July	390	25	3	21	25	0	7	31	11	27	3	2	7	3	0	8	5	1	569	26	
Aug	282	19	4	23	10	1	8	24	5	27	4	0	12	2	1	10	3	0	435	25	
Sept	248	6	1	14	5	0	2	19	4	14	3	2	10	3	0	9	3	1	344	19	
Oct	289	17	1	40	8	0	7	33	7	32	3	0	10	2	0	6	4	1	460	19	
Nov	228	22	3	22	5	1	6	21	6	19	5	1	19	3	1	15	1	2	380	25	
Dec	224	30	4	15	9	1	5	23	6	21	2	0	6	0	1	6	4	1	358	18	
Jan	327	41	3	28	17	2	4	26	3	30	3	1	3	2	0	9	0	0	499	39	
Feb	261	65	1	13	8	0	2	19	5	5	4	1	1	0	0	0	3	0	388	19	
March	221	43	2	14	10	1	13	15	6	10	5	2	9	3	0	5	0	0	359	31	
Total	3746	354	34	354	160	7	89	298	80	361	50	10	102	22	3	112	28	9			
Disorder Wise	4134+1364+43			521+73			467+44			421+96			127+37			149+25			5819+ 357		
Over All	7501																			1682	

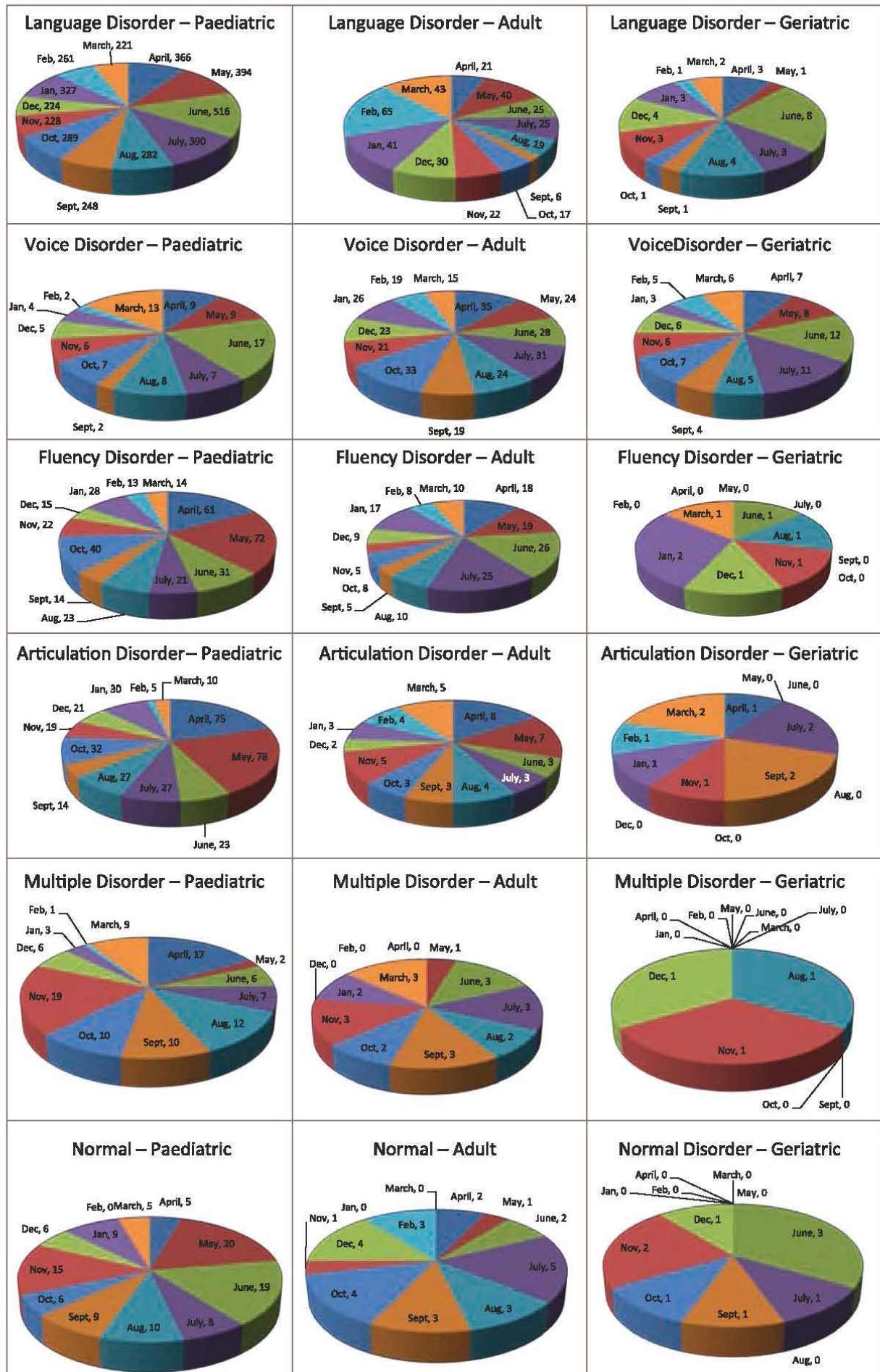
C- Child, A-Adult, G-Geriatric

Clients requiring further management were given various speech/language therapies depending upon the type and severity of disorder, for daily sessions of 45 minutes duration. A total of 38819 therapy sessions were conducted for 6346 persons with speech/ language disorders during the reporting year. The details of disorder- wise therapy carried out are given in table 3.

Table 3: Speech-Language Therapy

Disorders	Language Disorders			Fluency Disorders			Voice Disorders			Articulation Disorders			Multiple Disorders			Total
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	
April	448	15	4	34	8	2	1	16	1	34	8	2	37	1	0	611
May	260	11	3	61	10	0	6	31	6	61	10	0	10	0	0	469
June	186	7	9	26	8	0	3	15	4	26	8	0	6	0	0	298
July	372	0	5	6	5	0	4	19	3	6	5	0	27	0	0	452
Aug	487	7	8	14	8	0	4	29	2	14	8	0	56	0	0	637
Sept	467	10	5	17	7	1	0	22	3	17	7	1	39	0	0	596
Oct	469	8	6	29	9	0	1	20	2	29	9	0	39	0	0	621
Nov	324	12	7	17	8	1	3	31	3	17	8	1	26	0	0	458
Dec	271	12	6	10	8	2	3	30	3	10	8	2	10	0	0	375
Jan	544	14	6	12	7	0	3	35	3	12	7	0	11	0	0	654
Feb	471	11	5	24	6	0	2	22	4	24	6	0	21	0	0	596
March	456	10	7	15	9	4	4	22	6	15	9	4	18	0	0	579
Total	4755	117	71	265	93	10	34	292	40	265	93	10	300	1	0	6346
Disorder Wise	4943			368			366			368			301			
Over All	6346															

C- Child, A- Adult, G- Geriatric





Speech and language assessment and therapeutic services were also provided at the nine DHLS centres of the Institute located in different parts of the country, the details of which are given in table 4.

Table 4: Speech-language clinical services at the DHLS Centres

Centers	Assessment					Therapy				
	Language	Voice	Phonology	Fluency	MSD/ Dysphasia	Language	Voice	Phonology	Fluency	MSD/ Dysphasia
Lucknow	133	77	89	90	6	133	77	89	90	6
Mumbai	624	1	18	12	68	221	-	8	5	31
Cuttack	128	19	-	64	-	33	3	-	12	-
Ajmer	208	74	117	103	34	54	9	62	35	15
Delhi	30	7	7	23	-	8	-	1	2	-
Ranchi	343	23	35	93	8	47	10	5	25	4
Shimla	178	234	62	60	9	178	234	62	60	9
Bhagalpur	45	1	1	18	-	20	-	-	12	-
Total	1689	436	329	463	175	694	333	227	241	65



## Audiological Assessment and Rehabilitation

**Hearing Evaluations** were carried out on individuals who complained of hearing problems. In out-patient department a total of 16,409 clients were assessed. Hearing evaluations were carried out on 14,555 individuals at Jayachamaraja Block in Clinical services. Different types of audiological evaluations carried out were Auditory Brainstem Responses (3,940), Behavioural Observation Audiometry (621), Immittance evaluation (13,970), Otoacoustic emissions (3,648), Pure Tone Audiometry (13,751), Speech Audiometry (13,701), Tinnitus evaluation (345), Vestibular evoked Myogenic potentials (63), Visual Reinforcement Audiometry (185), Video Head Impulse Test (30) and Late Latency Response (16).

Based on these audiological tests different degrees of hearing loss were diagnosed. Ears with normal hearing were 5,003 and ears with different degrees of hearing loss were 24,107. The numbers of ears with different degrees of hearing loss were: 2381 in minimal, 3121 in mild, 4204 in moderate, 3818 in moderately severe, 4287 in severe, 4036 in profound, 35 in minimal to mild, 357 in mild to moderate, 283 in moderate to moderately severe, 437 in moderately severe to severe, 1110 in severe to profound and 38 in moderate to severe categories. The ears with sloping configuration of hearing loss were 737.

Of the ears tested, there were 2879 ears with conductive hearing loss, 4598 ears with mixed hearing loss and 7394 ears with sensorineural hearing loss. There were 1503 clients with unilateral hearing loss and 11284 with bilateral hearing loss. The other conditions identified include Auditory Processing Disorders (16), auditory dys-synchrony (127) and functional hearing loss (120).

Hearing aid trial and prescription were carried out for clients in need for amplification and/or assistive listening devices. Clients evaluated of hearing aids were 7509 and 5397 hearing aids were prescribed at AIISH. Twenty nine hearing aids were prescribed for exchange. Clients recommended for auditory training were 1136 and for speech reading were 217. Aided/unaided audiograms and Visual Reinforcement Audiometry were done on 1085 and 106 individuals respectively. A total of 3175 digital

hearing aids were programmed. Insertion gain measurements were carried out on 9 individuals and electroacoustic characteristics of 60 hearing aids were measured. Recommendations for retrieval with custom ear molds and ear plugs were 2052 and 22 respectively. In four individuals Assistive Listening Devices were trialed. The clients evaluated at camps for certificate were 149 and clients referred to AIISH were 61.

At Ear mould lab, ear impressions were taken for 4612 clients. Ear impressions were taken for 2007 new and 2024 old clients at AIISH and 581 in community based camps. The total number of ears for which ear impression were taken was 7294. Ear moulds given for free of cost were 1309, for payment were 5058, for clients from camp were 642 and for impressions received under Central Prosthetic Lab activities were 85. Different types of ear moulds made were hard regular moulds (731), hard shell moulds (3), soft moulds (3831) and soft canal moulds (330). Ear Impressions taken for In-the Canal hearing aids were 63 and for ear blocking were 58. Swimmers ear plugs made of hard acrylic and soft silicon material were 10 and 92 respectively. Ear moulds for which sound tube were replaced were 1163 and ear moulds lacquered were 340. Total revenue generated for the year 2016-17 from ear mould lab was 10,60,340.



Age-wise statistics of clients seen in Hearing Evaluation, Hearing Aid Trial & Counseling sections and Ear Mold laboratory are given in table 5 and figure 2. Audiological assessment and rehabilitation services were also provided at the eight DHLS centres of the Institute located in different parts of the country, the details of which are given in table 6.

Table 5: Age-wise Audiological Assessment

Age group in years	HE		HAT		EM	
	Male	Female	Male	Female	Male	Female
00-01	153	121	49	28	86	73
02-05	874	613	915	726	573	409
06-10	617	468	549	369	282	270
11-15	408	293	289	209	152	145
16-20	489	312	175	144	81	80
21-25	562	308	117	85	69	38
26-30	480	352	125	57	70	33
31-35	436	333	64	57	36	30
36-40	419	388	81	57	57	37
41-45	420	327	110	62	65	60
46-50	454	338	136	101	60	46
51-55	492	310	180	122	75	62
56-60	520	382	222	154	82	70
61-65	705	389	385	171	141	76
66-70	641	306	362	168	130	73
71-75	533	213	364	145	98	79
76-80	344	134	257	107	84	51
81-85	207	81	173	85	58	30
86-90	82	20	83	28	25	3
91+	31	8	20	6	7	2
<b>Total</b>	<b>8817</b>	<b>5658</b>	<b>4616</b>	<b>2893</b>	<b>2324</b>	<b>1707</b>
<b>Grand Total</b>	<b>14555</b>		<b>7509</b>		<b>4031</b>	





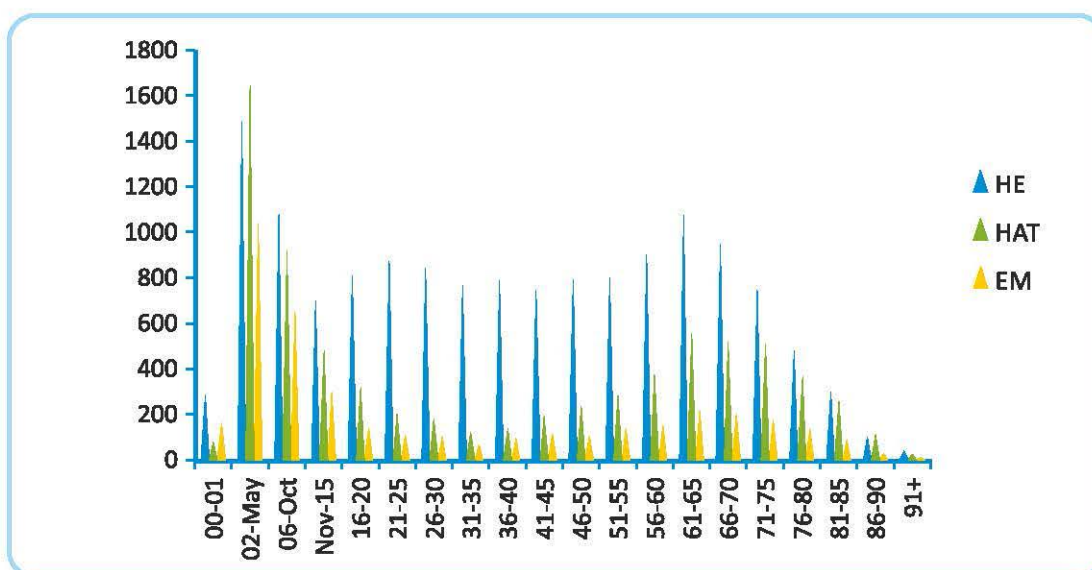


Figure 2: Age wise audiological assessment

Table 6: Audiological Services at the DHLS Centres

Centers	OPD (Case history)	Evaluation	Ear moulds	Hearing aid trial (HAT)	Listening Therapy
Lucknow	7508	7508	-	-	35
Mumbai	64	64	7	8	3
Cuttack	3582	3526	-	-	26
Ajmer	925	925	-	-	131
Delhi	2129	2129	-	-	-
Ranchi	2193	2152	-	72	39
Shimla	8660	8660	-	76	38
Bhagalpur	675	583	-	-	-
<b>Total</b>	<b>25736</b>	<b>18063</b>	<b>7</b>	<b>156</b>	<b>272</b>



## Referred Evaluation-1: Psychological Assessment and Rehabilitation

Psychological assessment was carried out for the referred cases registered at the Department of Clinical Psychology. This includes pre-vocational assessment for adolescent/ adults with communication disorders, neuro-psychological evaluation 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 5149 new and 1194 repeat cases was done at the Department during the reporting year. This includes 201 cases from Hindi region. The new cases include patients with mental retardation (1831 nos.), specific developmental disorders of scholastic skills (856 nos.), stuttering (424 nos.), expressive language disorders (411 nos.), other disorders of psychological development (408 nos.), receptive language disorder (285 nos.), specific speech articulation disorder (242 nos.), pervasive

developmental disorders (18 nos.), dissociative motor disorders (6 nos.) and other disorders (357 nos.).

The psychological rehabilitation provided includes behavior therapy (215 cases in 419 sessions), home based training program for MR/SLD (15 cases in 28 sessions), remedial training for SLD cases (11 cases in 28 sessions), cognitive behavior therapy (9 cases in 37 sessions), voice therapy (2 cases in 4 sessions) and parent counseling for all the cases.



## **Referred Evaluation-2: Otolaryngological Assessment and Rehabilitation**

The Otolaryngological assessment and rehabilitation for persons with communication disorders are being carried out at the Department of Otolaryngology. 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, Mysore.

Totally, 18172 new and 20237 review cases were examined during the reporting year at the institute, and 6280 microscopic, 287 stroboscopic / endoscopic examination, 149 vertigo, 158 oto endoscopic and 21 diagnostic naso endoscopic examinations were carried out. Also, 11878 new and 8865 repeat cases were examined and 121 major and 55 minor surgeries were successfully carried out at K.R.Hospital.





### Specialized Clinical Services

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

### Autism Spectrum Disorders (ASD) Unit:

Assessment and treatment were provided for 401 clients with autism spectrum disorders at the ASD unit during the reporting year. Of them, 69 were from Hindi region. The unit also attended 729 therapy and 86 demonstration therapy cases. Fifty seven therapy cases discharged during the period. The total number of therapy sessions conducted was 4031.

### 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 37 new cases in 35 sessions and 346 therapy cases in 1481 sessions during the reporting year. It also attended 4 demonstration therapy, and trained 72 PG students in 139 sessions. The details of AAC evaluation are given in figure 3.

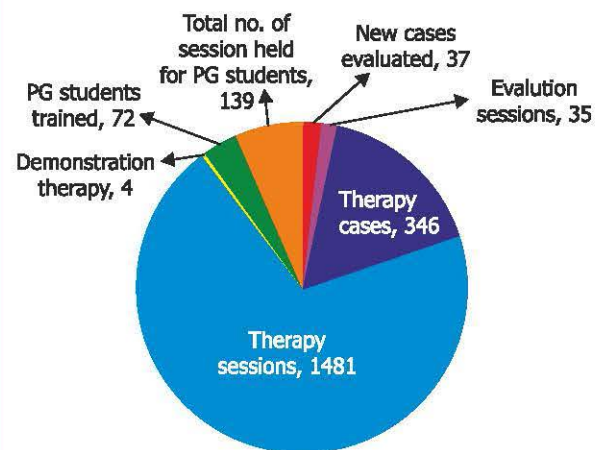


Figure 3: AAC evaluation







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

CAEPLD provides clinical services to adult and elderly persons. Totally, 2 clients were evaluated in the clinic during the reporting year. The unit also attended 61 therapy cases in 237 sessions.



### **Fluency Unit:**

This unit caters to the needs of persons with stuttering and other fluency disorders and provided clinical services to 542 persons with fluency disorders in 3640 sessions during the reporting year.



### **Implantable Hearing Devices Unit:**

The activities of this unit include selection of candidates for cochlear implantation, mapping/programming, trouble shooting of implantable hearing devices such as cochlear implant, bone anchored hearing aids and middle ear implants. During the reporting year, 138 clients were seen in the unit.



### **Learning Disability Clinic:**

The learning disability clinic assessed 85 clients with learning disability in 122 sessions and 20 certificates were issued.



### **Listening Training (LT) Unit:**

Totally, 3018 persons underwent listening training in 10804 sessions during the reporting year.



### **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. Totally, there were 79 new clients for speech-language assessment and 80 for feeding assessment. The number of clients for intervention was 79.



### **Neuropsychology Unit:**

The services offered in the unit include 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, 6 (35 sessions) neuropsychological assessments and 5 (44 sessions) neuropsychological rehabilitation were made during the reporting year in the unit.



### **Phonology Clinic:**

With the objective of developing appropriate evaluation and therapy materials for children and adults with phonological disorders in different languages, a Phonology Clinic was opened at the Institute on 28th December 2017. Totally, 24 clients with speech sound disorders were evaluated in the clinic during the reporting year. Also, 91 PG students were trained.



### **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. The unit evaluated 44 clients and provided therapeutic service to three clients during the reporting year. Also, 115 internship and II M.Sc. (SLP) students were provided specialized training in the assessment of voice of professional voice users in 886 hours.



### **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. The experts of the clinic evaluated 220 clients in 1360 sessions during the reporting year.



### **Swallowing Disorders Unit:**

This unit facilitates assessment and management of persons with swallowing disorders. It evaluated 14 cases in 15 sessions during the reporting year. In addition, 14 clients underwent therapy in 32 sessions.



### Vertigo Clinic:

The clinic offered comprehensive care in evaluation and management of patients with vertigo. A multi-disciplinary team comprising of audiologist, otolaryngologist and neurologist evaluated 227 patients in the clinic for both peripheral and central vertigo during the reporting year and diagnostic tests like microscopic examination of ear, electro nystagmography, vestibule spinal tests, neurological evaluation, video nystagmography, audiological tests and vestibular evoked myogenic potential test were carried out for the needy ones.

### Voice Clinic:

This clinic offered evaluation and management services to persons of all ages with voice disorders. Totally, 398 clients with voice disorders were evaluated in the clinic using video stroboscopy and software for voice assessment and rehabilitation services was provided for 175 clients.

### Special Educational Services

The various educational services provided for mainstreaming children with special needs include Parent Infant Program for 403 clients in 1666 sessions, Parent Empowerment Program for 1029 clients in 2213 sessions, Preschool Training Program for 224 clients in 1872 sessions, Individualized Education Program for 97 clients in 419 sessions, Curricular Support Services for 306 clients in 1498 sessions, Non-Formal Education/ Demonstration Educational Training (DET) for 41 clients in 268 sessions, Guidance and Counseling for 391 clients in 372 sessions and Special Educational Assessment for 593 clients in 593 sessions. In addition, a one month summer camp was organized for children with disability from 1<sup>st</sup> to 26<sup>th</sup> May, 2016 and 90 children attended the camp. A Chinnara Santhe was also set up as a part of the camp.

### 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, 1739 patients underwent occupational therapy in 9249 sessions and 631 underwent physiotherapy in 4677 sessions, during the reporting year. In addition, 730, 414, 218, 177, 54 clients consulted neurologist, pediatrician, plastic surgeon, phono-surgeon, ortho-dontist, respectively. The details are given in figure 4.

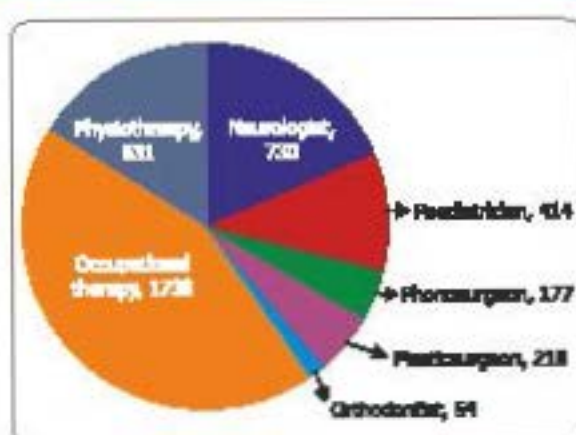


Figure 4: Medical specialty and allied health





## 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 Aids:** Electro-acoustic evaluation, management and repair of hearing aids were carried out under the aegis of Department of Electronics. Totally 774 hearing aids were distributed (566 hearing aids at the main campus and 208 hearing aids at clinical outreach centers), after electro-acoustic evaluation and testing under ADIP scheme. Under AISH Hearing Aid Dispensing Scheme, 1645 hearing aids were issued at concessional rate. Also, 56005 hearing aid spares such as HA cells, cords, battery doors, ear hooks, body case and wind weather protector were issued. In addition, 454 body level and 660 BTE hearing aids were repaired, electro-acoustic evaluation was carried out for 158 hearing aids and 17 audiometers were calibrated.

**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:** 164 toy kits were distributed to eligible disabled children worth ₹93,750.

**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 7.



Table 7: Certificates issued

Particulars	Total
Transfer certificate	39
Evaluation reports	486
Attendance certificate	85
School admission certificate/	93
Language exemption certificate	
Admission to deaf school	6
Physically handicapped	30
Tax exemption	9
Education scholarship	1
Certificate issued at camp	1
Financial Aid	347
MR Certificate	676
Railway concession certificate	131
Learning disabilities certificate	239
Psychological Report	385
Slow Learner Certificate	141
Income Tax Exemption Certificate	28
Medico-legal cases	62
Bonafide certificate	29
Driving license	12
GI	46
Handicapped Certificate (Person)	1540
Railway Concession Certificate	917
Medical Certificate	160





**Financial Aid:** The Institute distributed total amount of Rs. 19,79,916 from the Client Welfare Fund among 182 clients below poverty line towards the purchase of hearing aids during the reporting year under the aegis of the Department of Clinical Services.



## 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 four hundred students and staff from 18 Institutes 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 below.

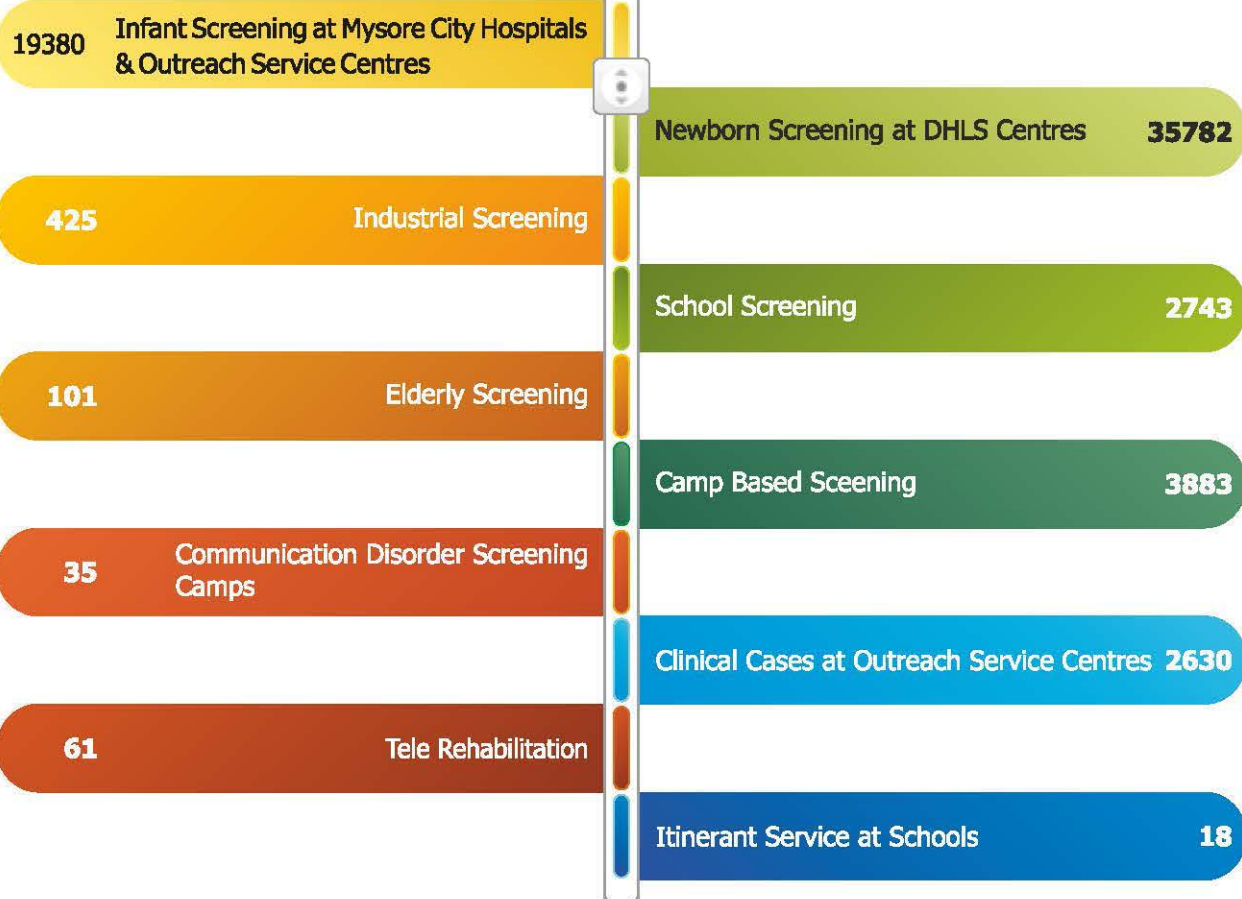
1. AL-Ameen Medical College, Bijapur
2. Christ University, Bengaluru
3. Dr. RML hospital, Delhi Canton
4. Government Teacher Training College, Mysuru
5. Government Teachers Training Center for HI, Thiruvananthapuram, Mysore
6. J.N. Medical College, Belagavi
7. M.R. Medical College, Gulbarga
8. Maharani's Art College, Mysore
9. Mysore University, Mysore
10. Mysuru Medical College, Mysuru
11. National Institute of Engineering, Mysuru
12. Regional Institute of Education, Mysuru
13. SDM College, Ujire, Mangalore
14. SSIMSRE, College, Davangere
15. St. Agnes College, Mangalore
16. St. John's Baptist College of Special Education, Kottayam, Kerala.
17. St. Philomena's College, Mysore
18. VIMS, Bellary







## OUTREACH SERVICES



## OUTREACH SERVICES

In addition to the diagnostic and therapeutic services provided within its walls, the institute carries out various outreach services on communication and its disorders in different parts of the country. The major outreach services carried out during the reporting year are given below.

### Communication Disorder Screening Programmes

The Institute conducted screening programmes for communication disorders in different settings and localities. The individuals participating in the programmes were checked for speech, language and hearing abilities and provided with diagnostic and therapeutic services.

### Newborn / Infant Screening

This programme focuses on screening neonates and infants who are at risk for communication disorders using various tools such as High Risk Register for communication disorders, Behavioral Observation Audiometry, Oto Acoustic Emission Screening and Screening Checklists. During the reporting year, screening programme was carried out at 19 hospitals and three immunization centres in Mysore, six Outreach Service Centres of the Institute functioning in different parts of Karnataka and six Newborn Screening Centres functioning in hospitals attached with the AIISH DHLS centres, at Sri RamachandraBhanj Medical College and Hospital (SCB MCH), Cuttack, Regional Institute of Medical Sciences (RIMS), Imphal, Janana Hospital & JLNMC, Ajmer, JIPMER, Puducherry, Netaji Subhash Chandra Bose Medical College (NSCB), Jabalpur, Rajendra Institute of Medical Sciences, Baritayu, Ranchi and a total of 29360 newborns were screened. Of these, 5880 babies (2%) were at risk for communication disorders. The details are given in table 1.

Table 1: Newborn/Infant Screening

SN	Hospitals/Immunization Centers	Total no. screened			Total no. at risk		
		Male	Female	Total	Male	Female	Total
Hospitals / Immunization Centres In Mysuru							
1	Apollo BGS Hospital (BAH)	156	126	282	14	15	29
2	Basappa Memorial Hospital (BMH)	86	83	169	3	2	5
3	Combined Hospital (CH)	155	136	291	20	24	43
4	Harsha Hospital (HH)	24	38	62	1	4	5
5	Kamakshi Hospital (KH)	466	403	869	56	57	113
6	KR Hospital (KRH)-Cheluvamba	5816	5172	10988	640	615	1255
7	Makkalakoota Immunization Center (MIC)	170	145	272	9	18	27
8	Mission Hospital (MH)	484	419	903	92	77	169
9	Immunization Center at Mission Hospital (ICMH)	51	35	86	7	11	17
10	N.P.C Hospital	54	51	105	3	5	8
11	S.M.T.D.H Hospital	465	410	875	32	35	67



SN	Hospitals/Immunization Centers	Total no. screened			Total no. at risk		
		Male	Female	Total	Male	Female	Total
Hospitals / Immunization Centres In Mysuru							
12	Railway Hospital (RH)	33	30	63	2	4	6
13	Employees State Insurance (ESI) Hospital	10	6	16	0	0	0
14	Ashwini Nursing Home (ANH)	94	70	164	8	11	19
15	Shree Devi Nursing Home (SNH)	119	105	224	11	17	28
16	Gopala Gowda Shanthaveri Memorial Hospital (GGSMH)	53	33	86	4	3	7
17	Family Planning Association Immunization (FPAI) center	8	5	13	0	0	0
18	Mahadeshwara Nursing Home (MNH)	78	87	165	14	15	12
19	Sigma Hospital (SH)	276	204	480	25	19	44
Total		8598	7558	16113	941	932	1854
Outreach Service Centers (OSCs)							
20	Sub -divisional hospital, K R Nagar Taluk	254	261	515	24	25	49
21	Sub -divisional hospital, T Narsipura Taluk	221	207	428	25	29	54
22	Sub divisional Hospital, Sagara Taluk	852	842	1694	80	54	134
23	Community Health Centre (CHC), Hullahalli	196	180	378	45	14	59
24	Community Health Centre (CHC), Santhemarahalli	135	113	248	20	6	26
25	Primary Health Centre (PHC), Akkihebbalu	1	3	4	0	0	0
Total		1659	1606	3267	194	128	322
Newborn screening centres							
26	Sri Ramachandra Bhanj Medical College and Hospital (SCB MCH), Cuttack	2091	1392	3483	355	255	610
27	Regional Institute of Medical Sciences (RIMS), Imphal	2232	2168	4396	114	117	231
28	Janana Hospital & JLN MCH, Ajmer	2801	2600	5409	502	424	926
29	JIPMER, Puducherry	6507	5938	12445	651	514	1165
30	Netaji Subhash Chandra Bose Medical College (NSCB), Jabalpur	2758	2236	4994	388	203	591
31	Rajendra Institute of Medical Sciences, Baritayu, Ranchi	2714	2341	5055	96	85	181
Total		19103	16675	35782	2106	1598	3704
Grand Total		29360	25839	55162	3241	2658	5880

## Follow-up evaluation

The newborns/infants referred during the newborn screening were followed up through telephone calls to parents/caregivers of infants. A complete test battery was administered for those clients who came for follow-up. The details are given in table 2.

Table 2 : Follow-up evaluation for newborns and infants

Category	Mysore	Ajmer	OSC Sagara	Cuttack	Imphal	Puducherry	Ranchi	Jabalpur	Total
Normal	325	25	11	39	50	101	65	13	629
ENT disorders	02	04	0	0	06	0	06	0	18
Auditory maturation delay	0	0	0	0	0	0	0	01	01
Hearing disorder	91	34	01	38	52	27	15	24	282
Speech and language disorders	04	01	0	0	14	0	02	19	40
Multiple disorders	0	01	0	0	0	0	04	04	09
Cases discontinued	32	01	0	06	04	53	0	41	137
<b>Total</b>	<b>454</b>	<b>12</b>	<b>66</b>	<b>83</b>	<b>126</b>	<b>102</b>	<b>181</b>	<b>92</b>	<b>1116</b>

## Industrial Screening

The institute conducts communication disorder screening activity at the industrial work settings. The employees working with the Government Printing Press, GRS Engineering Pvt Ltd., Hindustan Petroleum Pvt Ltd., Giri Stone Production, Mysore were screened for hearing loss and the needy cases were referred to the Institute for detailed evaluation. Employees and employers were oriented on harmful effects of noise on hearing, importance of hearing conservation program and also on the use of hearing protective devices in noisy areas. The details of industrial screening are given in table 3.

In addition, the industrial workers were encouraged to undergone hearing evaluation at the Institute clinic. Totally, 225 employees working with Karnataka State Industries Corporation, Govt. of Karnataka, Mysuru and Rane Madras Private Ltd., Mysuru availed clinical service at the Institute during the report year and 324 ears tested had hearing impairment.





**Table 3: Industrial Screening**

Period of visit	Organization	Clients	Persons identified with hearing impairment	Individuals with normal ears
May 2016	GRS Engineering Pvt Ltd, Mysuru	17	20	14
6, 20 & 27 June 2016	GRS Engineering Pvt Ltd, Mysuru	80	81	59
8 June 2016	Hindustan Petroleum Pvt Ltd, Mysuru	115	66	164
29 June 2016	Government Printing press, Mysuru	39	20	58
6 July 2016	GRS Engineering Pvt.Ltd, Mysuru	92	66	116
20 July 2016	Govt. Printing Press, Mysuru	72	66	78
6 March 2017	Bit Stone Production, Hobbal, Mysuru	30	25	36
<b>Total</b>		<b>428</b>	<b>324</b>	<b>434</b>

### School Screening

Nursery and primary school students from Mysore and Mandya were screened for communication disorder as a part of the school screening program during the reporting year. Totally, 2743 students were screened and among them 222 (8.09%) were identified with ear related disorders, 59 (2.15%) with hearing loss and 325 (12%) with speech-language disorders. They were recommended for follow-up at the Institute.



### Elderly Screening

Speech, language and hearing evaluations were carried out for elderly citizens residing in different old age homes in Mysore. Totally, 101 elderly citizens were screened and among them 61 (60.39%) were identified with hearing disorders, 9 (8.91%) were identified with speech-language disorders, 8 (7.92%) were identified with multiple disorder. Also, hearing aids were issued to 7 elderly citizens.



### Camp-based Screening

The Institute organized 10 camps in various localities across the state of Karnataka. The expert speech and hearing and allied health professionals of the Institute screened 656 persons for communication disorders in the camps. The details are given in table 4. In addition, 3227 persons were evaluated for the disorders in 25 camps organized as a part of the survey on communication disorders. The details are given in table 8.



**Table 4: Camp-based screening**

Date	Place	Total registered	ENT evaluation		Hearing evaluation		Speech & language evaluation	
			Normal (no. of ears)	Disorder (no. of ears)	Normal (no. of ears)	Disorder (no. of ears)	Normal	Disorder
18.05.2016	Marjankallana	56	112	00	41	42	06	50
28.05.2016	Sub-divisional Hospital Sagara	53	-	-	84	27	00	01
11.07.2016	Hunur	36	72	00	45	71	08	28
22.07.2016	Nanjagud	28	37	19	16	31	17	11
13.07.2016	K.R. Nagar	21	42	-	12	29	01	20
31.08.2016	OSC Sagara	24	-	-	24	-	-	04
26.10.2016	J.P. Nagar Mysuru	15	28	02	06	22	-	-
08.12.2016	Aldana Baliga Veerashaiva Trust, Sagara	56	-	-	70	42	00	01
21.12.2016	Sub divisional Hospital, Sagara	27	-	-	34	20	00	07
26-27.03.2017	NSS Camp, Sangur	840	206	167	10	276	00	112
<b>Total</b>		<b>656</b>	<b>467</b>	<b>188</b>	<b>322</b>	<b>539</b>	<b>32</b>	<b>234</b>

### Clinical Services at the Outreach Service Centres

Diagnostic and therapeutic services on communication disorders were provided at the four Outreach Service Centres of the Institute located in sub-divisional taluk hospital at Sagara taluk, Shivamoga and the Primary Health Centres at Hulihalli, Mysuru, Aldhebbalu, Mandya and Sagara. Totally, 2630 persons availed evaluation services, 99 persons underwent speech-language therapy and 46 hearing aids were distributed among the needy cases. The details of the evaluation and rehabilitation services provided at the outreach service centres are given in table 5 and 6 respectively.





Table 5: Clinical Evaluation at the Outreach Service Centres

OSC	Total registered	ENT Evaluation		Hearing Evaluation		Speech & Language Evaluation	
		Normal (no. of ears)	Disorder (no. of ears)	Normal (no. of ears)	Disorder (no. of ears)	Normal	Disorder
CHC, Hullahalli	673	343	519	02	121	0	11
PHC, Akkihebbalu	459	208	319	02	76	0	07
PHC, Gumballi	750	543	184	12	190	0	16
Sub-divisional Hospital, Sagara	748	-	-	414	528	31	39
<b>Total</b>	<b>2630</b>	<b>1094</b>	<b>1022</b>	<b>430</b>	<b>915</b>	<b>31</b>	<b>73</b>

Table 6: Rehabilitation services provided at Outreach service centers

OSC	Hearing Aids Dispensed	Speech-language therapy	
		No. of clients	No. of sessions
CHC, Hullahalli	09	14	57
PHC, Akkihebbalu	06	28	224
PHC, Gumballi	06	19	52
Sub-divisional Taluk Hospital, Sagara	25	38	798
<b>Total</b>	<b>46</b>	<b>99</b>	<b>1131</b>

### Tele-Intervention and Tele-Assessment Services

Tele-assessment and tele-intervention services were offered to persons with communication disorders at the DHLS centres of the Institute located in different parts of the country through AIISH video conferencing system and 13 clients availed the service in 26 sessions. The Tele Centre for Persons with Communication Disorder (TCPD) also offered the tele-intervention and tele-assessment services through Skype, the popular web based communication tool and 48 clients availed the service in 1467 sessions.



## Itinerant Service

The Institute offered itinerant service on prevention and control of communication disorders for the regular school children through the itinerant speech therapist and medical social worker. The service was provided at 18 schools (42 visits) and follow up activity was carried out for the 55 children identified with various types of communication disorders availing therapy at AIISH during the reporting year. Also, during the visit, 68 children with various types of communication disorders were newly identified and referred to the Institute and 130 teachers were oriented on prevention and control of communication disorders.

## Survey of Persons with Communication Disorders

A survey of persons with communication disorders in the districts of Mysuru, Mandya and Chamarajanagara was going on with Dr. S.R. Savithri, Director, AIISH as the Principal Investigator and Dr. R. Manjula, Prof. of Speech Pathology, AIISH, Dr. R. Rajasudhakar, Lecturer in Speech Science, AIISH, Ms. Priya M.B., Lecturer in Speech Science and Dr. H. Sudhanshan, Hon. Secretary, Karuna Trust as Co-Investigators. One auxiliary nurse midwives, 88 Anganwadi teachers and 391 ASHA Workers performed the survey during the reporting year. Training was conducted for the personnel deputed for carrying out the survey before mobilizing them to the villages/towns. Totally, six training programmes were organized in which 479 ASHA/ Anganwadi workers were trained. Totally 5,73,117 persons were surveyed in specific hobils of the three districts to identify persons with communication disorders. The details are given in table 7.



Table 7: Details of survey on identification of communication disorders

District, phase and level of the project	Locality		No of PHCs	No of villages	Total Population
	Taluk	Hobil/Town			
Chamarajanagara-Level 4-Phase 1	Chamarajanagara	Santhanagalli	05	54	88,643
Chamarajanagara	Chamarajanagara	Town	-	-	66,963
Chamarajanagara-Level 4-Phase 2	Chamarajanagara	Havasi	05	58	85,072
Mysuru-Level 4-Phase 1	Hunsur	Billigera	08	98	82,125
Mysuru-Level 4-Phase 2	Hunsur	Gavdegere Kumbha	06	73	66,466
Mysuru	Hunsur	Town	-	-	44,289
Mandya-Level 4-Phase 1	Pandavapura	Chimkurai Kumbha II	04	68	70,907
Mandya	Pandavapura	Town	-	-	19,984
Mandya-Level 4-Phase 2	Pandavapura	Mollete Kumbha I	06	111	87,698
<b>Total</b>	<b>3 taluks</b>	<b>9 hobils &amp; 3 towns</b>	<b>31 PHCs</b>	<b>496 villages</b>	<b>5,73,117</b>



Also, as a part of the survey a series of 25 camps were held in various localities in the three districts and 3,227 persons were evaluated for communications disorders. The details are given in table 8. Also, 724 hearing aids were distributed as detailed in table 9.

Table 8: Details of camps conducted as a part of survey on persons with communication disorders.

Date	Camp Place	Type of Disorders	Total Number of persons with Communication Disorders evaluated	Hearing Aids prescribed	Ear mould Impressions Taken	Disability certificates Issued
04.04.16	Billikere PHC, Billikere Hobli, Hunsur Taluk, Mysuru District	Hearing	84	20	29	-
11.04.16	Kuderu PHC, Santhemarahalli Hobli Chamarajanagara Taluk, Chamarajanagara District	Hearing	118	35	41	-
18.04.16	Karimuddanahalli PHC, Billikere Hobli, Hunsur Taluk, Mysuru District	Hearing	105	24	32	-
25.04.16	Bannangadi school, Chinnakurali Hobli Pandavapura Taluk, Mandya District	Hearing	128	40	40	-
02.05.16	Honganuru PHC, Santhemarahalli Hobli Chamarajanagara Taluk, Chamarajanagara District	Hearing	132	39	71	-
09.05.16	Billikere PHC, Billikere Hobli, Hunsur Taluk, Mysuru District	Hearing	87	21	30	-
16.05.16	Chinnakurali PHC, Chinnakurali Hobli Pandavapura Taluk, Mandya District	Hearing	138	33	-	-
23.05.16	Bolanahalli PHC, Billikere Hobli, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	60	05	-	01
30.05.16	Kyathanahalli PHC Chinnakurali Hobli Pandavapura Taluk, Mandya District.	Speech, Language & Hearing	37	1	-	05
06.06.16	Dharmapura PHC, Billikere Hobli, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	52	08	-	02
13.06.16	Bannangadi PHC, Chinnakurali Hobli Pandavapura Taluk, Mandya District.	Speech and Language	73	-	-	06
24.06.16	District Hospital, Chamarajanagara Town, Chamarajanagara District	Speech, Language & Hearing	114	32	32	01



Date	Camp Place	Type of Disorders	Total Number of persons with Communication Disorders evaluated	Hearing Aids prescribed	Ear mould Impressions Taken	Disability certification issued
01.07.16	District Hospital, Channarayana Town, Channarayana District	Speech, Language & Hearing	124	11	13	-
08.07.16	Hunsur Town Hospital, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	130	23	20	03
15.07.16	District Hospital, Pandanapura Town, Mandya District	Speech, Language & Hearing	147	28	-	04
22.07.16	District Hospital, Channarayana Town, Channarayana District	Speech, Language & Hearing	127	18	31	12
29.07.16	Hunsur Town Hospital, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	232	20	31	03
05.08.16	Boys primary School, Ramaswada, Channarayana Town, Channarayana District	Speech, Language & Hearing	201	53	-	05
08.08.16	Hunsur Town Hospital, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	217	28	-	05



Date	Camp Place	Type of Disorders	Total Number of persons with Communication Disorders evaluated	Hearing Aids prescribed	Ear mould Impressions Taken	Disability certificates issued
22.08.16	District Hospital, Pandavapura Town, Mandya District	Speech, Language & Hearing	213	36	36	01
26.08.16	Tamil primary School, Chamarajanagara Town, Chamarajanagara District	Speech, Language & Hearing	144	32	32	01
16.09.16	Boys primary School, Ramasamudra, Chamarajanagara Town, Chamarajanagara District	Speech, Language & Hearing	101	19	19	04
10.03.17	Bellale PHC, Kasaba 1 Hobli Pandavapura Taluk, Mandya District.	Speech, Language & Hearing	159	32	36	02
17.03.17	Bellale PHC, Kasaba 1 Hobli Pandavapura Taluk, Mandya	Speech, Language & Hearing	140	41	28	03
24.03.17	Hirikyathanahalli Village (Boy's Hostel), Gavdagere Hobli, Hunsur Taluk, Mysuru District	Speech, Language & Hearing	164	43	43	07
<b>Total</b>			<b>3,227</b>	<b>642</b>	<b>564</b>	<b>65</b>



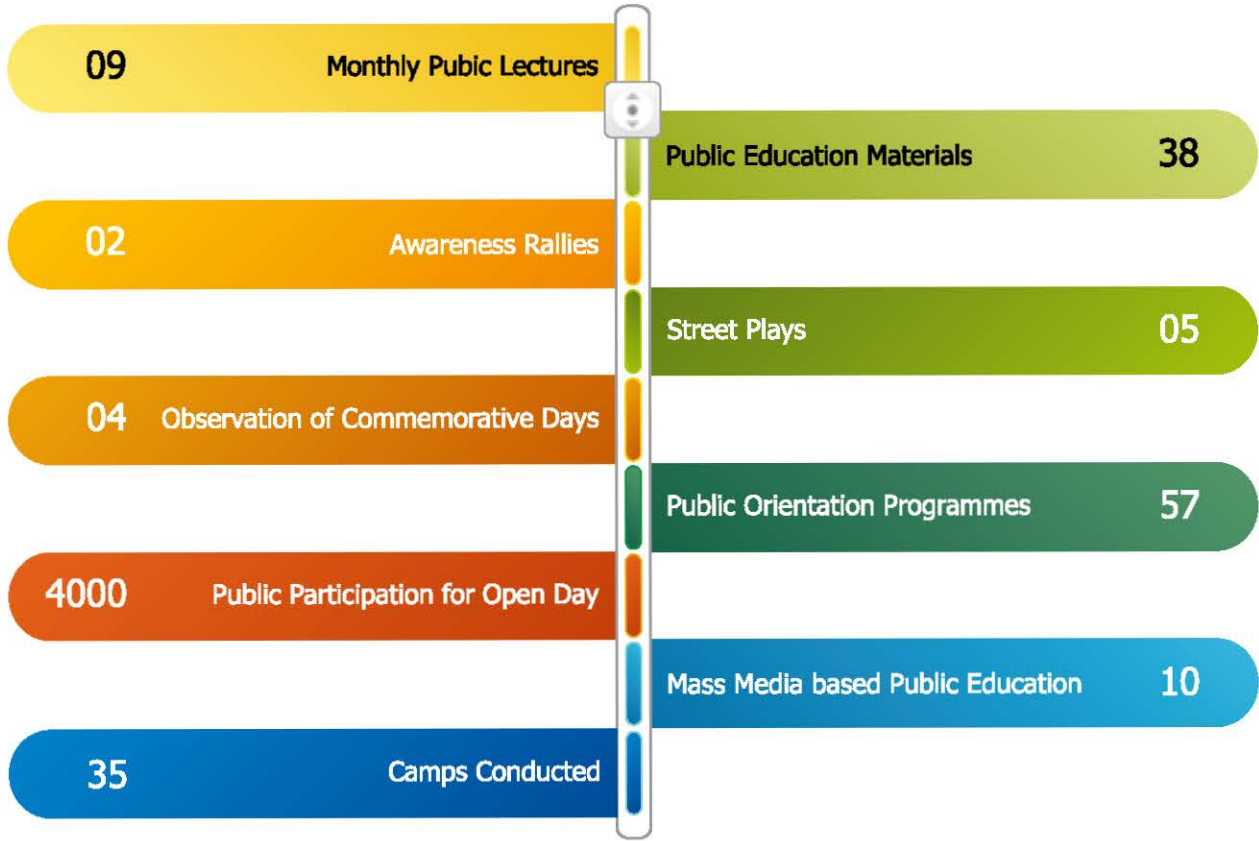


**Table 9: Camp-based Hearing Aid Distribution**

Sl.No	District	Body Level Hearing Aids		Behind the ear Hearing Aids		Total
		Phase 1	Phase 2	Phase 1	Phase 2	
1.	Mysuru	1	-	185	43	230
2.	Hasskye	-	-	185	73	258
3.	Channarayana	-	-	202	67	269
	<b>Total</b>	<b>1</b>	<b>-</b>	<b>572</b>	<b>183</b>	<b>755</b>



## PUBLIC EDUCATION





## 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 hearing aids-repair guidelines and care tips, peers in inclusive education, prevention of hearing loss, voice disorders, adaptation of a school lesson for children with hearing, dementia, tinnitus and classroom modifications for children with hearing impairment in 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 organized during the reporting year are given in table 1.

Table 1: Public lectures

Date	Topic	Resource person
30.4.16	Hearing Aids	Dr. N. Hemanth, Lecturer in Audiology (Contract) Dept. of Audiology, AIISH
28.5.16	Peers in Inclusive education: Boon or Bane	Dr. Malar G., Reader in Special Education (Contract) Dept. of Special Education, AIISH
25.6.16	Hearing aids: Repair guidelines and care tips	Dr. Ajish K. Abraham, Professor of Electronics Dept. of Electronics, AIISH
30.07.16	Prevention of hearing loss	Dr. Jijo P. M., Lecturer in Audiology (Contract) Dept. of Audiology, AIISH
27.08.16	Voice disorders	Dr. Rajasudhakar, R., Lecturer in Speech sciences Dept. of Speech-Language Sciences, AIISH
24.09.16	Adaptation of a school lesson for children with hearing impairment	Dr. Palnaty Vijetha, Lecturer in Special Education Dept. of Special Education, AIISH
29.10.16	Dementia	Dr. B. P. Abhishek, Lecturer in Speech Sciences Dept. of Speech-Language Sciences, AIISH,
28.01.17	Tinnitus	Prashanth Prabhu, Lecturer in Audiology Dept. of Audiology, AIISH
25.03.17	Classroom modifications for children with hearing impairment	Dr. N. Devi, Lecturer in Audiology Dept. of Audiology, AIISH



## Preparation and Dissemination of Information Resources

The Institute developed and disseminated a variety of information resources on communication disorders in different media formats. The details are given in table 2.

Table 2: Information resources

SN	Resources	Language
Public education pamphlets		
1.	Ear discharge and its prevention	English, Kannada
2.	Learning disability	English
3.	Ear discharge & its prevention	English, English
4.	Fluency disorders	English
5.	Articulation disorders	English
6.	Dysarthria	English
7.	How to prevent cleft lip and palate	English
8.	Stuttering	English
9.	Autism	English
Curriculum based materials for special children		
10.	Common objects	Hindi
11.	Rastriya aur sanskritik tyohar	
12.	Janvar	
13.	Prakruthi aur rutuyan	
14.	Bachoun ke liye kathaen	
15.	Aur kavitayen-1	
16.	Bachoun ke liye kathaen aur kavitayen-2	
17.	Bachoun ke liye kathaen aur kavitayen-3	Kannada
18.	National and traditional festivals	
19.	Public places	
20.	Rhymes & Stories	
21.	Namma mane	
22.	Keetagalu	
23.	Pranigalu	
24.	Vahanagalu	
25.	Olleya Abhyasagalu	
26.	Vruttipararu	
27.	Hannugalu	Malayalam
28.	Deseeya, parambaragataha utsavangal	
29.	Telugu kathalu	Telugu
30.	Telugu geyalu	
Digital resources		
31.	Individualized digital therapy materials for aphasia, language disorders, apraxia of speech, children and adults with hearing impairment	English
Public education books (print)		
32.	Train your child- Level 2	Telugu
33.	Parent and child	Malayalam
34.	Attention and concentration	Hindi
35.	Train your child-Level 5	English

Public education books (Multimedia)		
36.	Train your child-Level 3	Kannada, English & Hindi
37.	Train your child-Level 4	Kannada, English & Hindi
Translation of resource materials		
38.	Attention and concentration	English to Hindi

### Camp-based Awareness Activities

The institute organized communication disorder screening camps in different localities in the state and other parts of the country. As a part of the camp, extensive awareness programmes were conducted to educate the public on the prevention and management of communication disorders. Totally, thirty five camps were conducted and thousands of general public were educated on communication disorders.

### Open Day Activities

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.

During the reporting year, the Open Day was celebrated with the theme Equality of Opportunity on 3<sup>rd</sup> February, 2017. Sri. N. Basave Gowda, Joint Director, Department of Public Instructions was the chief guest and Dr. K. C. Shyamala, Director-in-charge presided. The activities of various departments and sections of the institute were exhibited for the benefit of general public and free evaluation for speech, language and hearing disorders was conducted. Various competitions such as painting, quiz, debate, elocution, and entertainment and educational games such as tap your visual memory, cocktail word recognition, auditory processing games, stroop task, spellotho etc., were arranged for the visitors. More than 4000 students from various schools and colleges in and around Mysore and the general public visited the Institute during the occasion.





## Street Plays on Prevention and Awareness of Communication Disorders

The Institute under the aegis of the Department of Prevention of Communication Disorders planned street plays on various aspects of communication disorders and related topics, and presented at different localities. The details are given below.

Theme	Locations
Prevention and early identification of Communication Disorders	a. T.N.Pura town, Mysuru b. Talakadu, T.N.Pura taluk, Mysuru c. Malavalli town, Mandya d. Hasalli village, Malavalli taluk, Mandya

## 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. World Voice Day on 24-25 April 2016.
2. World Cerebral Palsy Day on 5<sup>th</sup> October 2016
3. International Stuttering Awareness Day on 24<sup>th</sup> November 2016.
4. International Day of Persons with Disabilities on 9<sup>th</sup> December 2016



## Public Orientation Programmes

In addition to the monthly public lecture series conducted at the Institute campus, the Institute organized 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. Totally, 2394 persons including senior citizens, students, industry workers, and teachers benefited from these orientation programmes.

## Mass media based Public Education

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

1. An article on Autism Spectrum Disorders was published in 'The Hindu' newspaper on 2<sup>nd</sup> April, 2016.
2. Dr. Jayashree C Shanbal, Reader in Language Pathology delivered a radio talk on communication disorders in school children at All India Radio (AIR-100.6 MHz FM) on 8<sup>th</sup> April 2016.
3. A featured article on Special Unit for Individuals with Cleft Lip and Palate at AIISH was published in City Today, English Daily on 25<sup>th</sup> April, 2016.
4. An article on newborn babies screening program at AIISH was published in City Today on 10<sup>th</sup> August, 2016.
5. A 60-second news reel on Noise Pollution and Crackers: Care to be taken was telecasted in SRI Cable, UMN and MCN channels during October, 2016 in connection with Deepavali Festival.

6. Dr. Niraj Kumar Singh, Lecturer In Audiology, delivered a radio talk on Balance function and Dysfunction at All India Radio on 25<sup>th</sup> October 2016.
7. Dr. Niraj Kumar Singh, Lecturer In Audiology, delivered a radio talk on Central auditory processing disorders at All India Radio on 25<sup>th</sup> November 2016.
8. A featured article on the newborn baby screening program titled The voice behind the pronunciation of the word Amma was published in the weekly special supplement 'Health' of the 'Pravara' a leading Kannada daily based on an interview with Dr S.R. Savithri, Director, AIIISH on 3rd December, 2016.
9. Dr. Animesh Barman, Professor of Audiology, Dr. Jayashree C. Shanbal, Reader in Language Pathology & Arunraj K., Clinical Assistant delivered a radio talks on Prevention and Early Identification of Communication disorders: Stuttering, Learning disability and Mental Disabilities at Youth Program in the All India Radio (AIR-100.6 MHz FM) on 17<sup>th</sup> and 24<sup>th</sup> February 2017.
10. Dr. Jayashree C. Shanbal, Reader in Language Pathology delivered a radio talk on Autism Awareness at All India Radio on 31<sup>st</sup> March 2017.

### **Participation In Programmes organized by other Agencies**

The Institute actively participated in the exhibitions and similar programmes organized by other agencies and used the opportunities to raise the public awareness on the prevention and control of communication disorders. This includes:

1. Participation in International Desara Procession - 2017, Mysuru, organized by the Govt. of Karnataka on 11<sup>th</sup> October 2016 with a tableau on noise pollution and its hazards. The tableau bagged first prize in the procession.
2. Participation in the 17<sup>th</sup> National Jamboree 2017, organized by the Bharat Scouts & Guides on 30<sup>th</sup> December 2016 to 4<sup>th</sup> January 2017 at Nanjangud, Mysuru by installing a stall and displaying charts/posters/pamphlets and other education materials to create awareness among the public about the various forms of communication disorders.





### AIISH Gymkhana



### National Service Scheme



## EXTRACURRICULAR ACTIVITIES

### AIISH GYMKHANA

**Farewell programme for outgoing students:** A farewell program was arranged by AIISH Gymkhana members for the outgoing UG, PG and Diploma on 9<sup>th</sup> June 2016.

**Annual Day:** The Institute celebrated its 51<sup>st</sup> year of establishment on 9<sup>th</sup> August, 2016. Dr. V. Prakash, former Director, Central Food Technology Research Institute, Mysuru, presently serving as the Director, Research Innovation and Development and Management, JSS Mahavidhyapeetha, Mysuru, and Dr. B. N. Gangadhara, Director, National Institute of Mental Health and Neuro Sciences, Bengaluru were the chief guests. Dr. S. R. Savithri, Director AIISH presided. On the occasion, several research publications, self learning material for DHLS students, reports on new born screening and school screening programme for communication disorders were released. Further, felicitation of Ph.D. awardees, meritorious students and the Best AIISHIAN of the Year Award winners. A cultural program was organized in the evening in which Dr. Rakesh Kumar Sharma, Director, Defense Food Research Laboratory, Mysuru and Dr. R. Rajanna, Registrar (Evaluation), University of Mysuru were the chief guests and Dr. S.R. Savithri, Director, AIISH presided. The retired employees and the employees who have completed 25 years of service at the Institute were honored during the event.





**Independence Day:** Independence Day was celebrated on 15th August, 2016 during which Dr. S.R. Savithri, Director hosted the flag followed by cultural activities by the students and preschool children.



**Vidya Vikash Programme & Talent's Day:** A Vidya Vikash Programme & Talent's Day was organized on 9th September 2016 to felicitate the meritorious wards of the Institute staff and to encourage their talents. On the occasion, seven meritorious wards were honored with cash prizes and around 30 wards showcased their talents.

**Dandiya Night:** A dandiya group dance competition was organized for the staff and students on 5- 6 October 2016 as part of Navarathri celebrations. Six teams participated in the competition.



**Talents Day:** A Talent Day for the students and staff was organized on 25th October 2016. Around 35 students and staff performed art forms like dance, song, mimicry etc.

**Republic Day Celebration:** Republic day was celebrated on 26<sup>th</sup> January 2017. Group Captain Ajay Dudeja was the guest of the day. A cultural program by the staff, students and preschool children were organized as a part of the event.



**Open Day:** The Institute Open Day was celebrated on 3<sup>rd</sup> February 2017. Students from 43 schools across the city and a huge number of general public visited the Institute during the occasion.

**Graduation Day:** The Graduation Day was organized for the first time in the Institute on 17th December, 2016 under the aegis of the Academic Section. Dr. H. Vinod Bhat, Vice-Chancellor, Manipal University, Manipal delivered the Graduation Day address. Dr. H. R. Nagendra, Chancellor, Swami Vivekananda Yoga Research Foundation, Bengaluru and Dr. N. Rathna, former Director of the Institute graced the function. Dr. S. R. Savithri, Director, AIISH presided. On the occasion, graduation certificates were distributed to 110 graduate, postgraduate and diploma students, and the rank holders and PhD awardees were felicitated.



**Science Day Celebration:** National Science Day was celebrated on 2nd March 2017. As a part of the celebrations, Science Quiz competition was conducted for staff and students on the topic Science and Technology for Specially-abled Persons. Twenty two teams participated in the quiz and the best two teams were declared as the winners.

**CYCLE-A-THON:** As a promotional event of AISH AAWAAZ 2017 and to encourage noise & air pollution free environment and stroke awareness, a CYCLE-A-THON, was organized in association with TRIN-TRIN, Mysore on 19th February 2017. Around 250 students and staff participated in the event held for a distance of 5 kms. The event was flagged off by Dr. S. P. Gowerni, Professor of Speech Language Pathology and Dr. Animesh Berman, Vice President, AISH Gymkhana.



**Candle Light March:** A candle light march, with the theme 'Let's light up the future of specially-abled children' was organized as a promotional event for AISH AAWAAZ 2017 on 10th March 2017. Around 300 people took part in the 5 km walk, from Mysore palace to AISH Gymkhana. The event was flagged off by Dr. K. Rajalakshmi, Professor of Audiology and Dr. Animesh Berman, Vice President, AISH Gymkhana.

**AAWAAZ 2017:** The Institute organized its three day annual cultural festival, AISH AAWAAZ on 17-19 March, 2017 under the aegis of AISH Gymkhana. Sri. Mysore Anand, noted actor cum comedian and Ms. Sangeetha Ravindranath, famous playback singer Inaugurated the program and entertained the audience on 17<sup>th</sup> March 2017. Dr. S. R. Savithri, Director of the Institute was present. The programme included cultural and literary competitions such as group dance, variety entertainment, skit, quiz, pencil sketching, poster making, antakshari, dumb charades, mock press and a fashion show on the theme Around the World in 20 Minutes. The festival had participants from colleges across the country. Sri. Sridar Jain noted Bharatanatyam dancer was the chief guest for the valedictory function of the event on 19th March, 2017.





**Annual Sports Events:** The Annual Sports competition was organized from 5<sup>th</sup> April to 7<sup>th</sup> May 2016. A total of 21 events were conducted for both men and women. AIISH Gymkhana Annual Sports was conducted from 6<sup>th</sup> to 18<sup>th</sup> February, 2017 for the staff and students of AIISH. The staff and students participated with enthusiasm which consisted of around 70-80 participants for Athletics, 170-190 participants for Indoor games & 10-12 teams (consists of 10-12 players in each team) for Outdoor games.



### NSS ACTIVITIES

The major activities carried out by the National Service Scheme Unit during the reporting year are the following.



**Orientation programme:** An orientation on the NSS activities was provided to the newly joined student volunteers on 11<sup>th</sup> July 2017 in which 200 volunteers participated. Also, an orientation programme on organ donation was given to all the NSS volunteers and an eminent doctor from Columbia Asia delivered a lecture on importance of organ donation on 25<sup>th</sup> July 2016. An orientation programme was also conducted with the aim of educating the NSS volunteers on child abuse and different preventive measures on 26<sup>th</sup> October 2016.

**NSS day celebrations:** The NSS day was celebrated on 23<sup>rd</sup> August 2016. On the occasion, Dr. S. R. Senthil, Director of the Institute launched an e-news letter. A cultural programme was also conducted as a part of the event.

**Mini Marathon:** A mini marathon was conducted with the slogan Make a Wish, Make a Difference, Make Mysuru Better on 27<sup>th</sup> August 2016. Several student, staff and general public participated in the event.

**Tree Plantation and Cleaning:** A five-hour long tree plantation and cleanliness drive was carried out at Bharthi Enclave, Bogadi, Mysore on 5<sup>th</sup> October 2016 in which 100 volunteers participated. In addition, a massive cleaning activity was carried out in the campus as a part of Swach Bharath Fortnight programme on 11<sup>th</sup> February 2017.





**Orphanage Visit:** The NSS volunteers visited the orphanage run by the Sri Chayadevi Anathashrama Trust, Mysuru on 16th October 2016 and donated clothes, food materials and stationeries among the inmates collected from students and staff of AIISH.

**NSS Special Camp:** A special camp was conducted at Sargur, Karnataka on 22- 28 March 2017 and as a part of the camp, 25347 individuals were surveyed for the communication disorders in various villages of sargur taluq.

**Other Activities:** The other activities include participation of the volunteers in the RUN FOR PEACE MARATHON PROGRAMME conducted from Maharaja Palace to Maharaja College grounds and donation of blood in various hospitals during emergency.









# OFFICIAL LANGUAGE IMPLEMENTATION

## Hindi Training

The following training programme was arranged for the Institute staff at the Central Institute of Indian Languages, Mysore under Hindi Teaching Scheme of the Department of Official Language, Ministry of Home Affairs, Govt. of India.

- a. Training in Praveen. Two staff members successfully completed the training.

## Material Translation/ Development

The Institute Annual Report 2015-16 in English was translated and developed in Official language during the reporting year.

## Workshops Organized

Totally, five workshops were organized for the Institute staff during the reporting year as detailed below.

- a. The First Internal Workshop on Hindi was organized on 16<sup>th</sup> June 2016 on the topic सामान्य परिपत्र, का.ज्ञा., रजिस्ट्री व सेवा पंजी प्रविष्टियां. Mrs. Anitha, Hindi Officer, CFTRI and Dr. H.P. Umasaraswathi, Hindi Translator, AIISH served as resource persons for the workshop and five staff members attended the programme.
- b. The Second Internal Workshop on Hindi was organized on 18-19 August 2016 on the topics मानक हिंदी व वाक्यरचना, हिंदी में कारक तथा ने प्रत्यय का प्रयोग, क्रियात्मक हिंदी का स्वरूप, क्लिनिकी माहौल में राजभाषा हिंदी का प्रयोग. Dr. Neelanjan, ANSI, Dr. Bhargavi, DFRL, Dr. Rehka Aggarwal, University of Mysore and Mrs. Priya M.B., AIISH served as resources persons and five staff members attended the workshop.
- c. The Third Internal Workshop on Hindi was organized on 23<sup>rd</sup> December, 2016 on the topic सरकारी नीतियों के कार्यान्वयन में हिंदी का महत्व. Dr. Rehka Aggarwal, University of Mysore served as resources person and 6 staff members attended the workshop.
- d. The Fourth Internal Workshop on Hindi was organized on 28<sup>th</sup> February 2017 on the topics सरकारी कामों में राजभाषा का कार्यान्वयन कैसे हो?, वैज्ञानिक कार्यशालाओं के संदर्भ में राजभाषा के विभिन्न आयाम, सामाजिक जीवन में हिंदी. Dr.Sarvesh Maurya, RIE, Mysuru, Dr. Vijetha P, AIISH and Dr. Sanjeev Kumar Gupta, AIISH served as resource persons. Totally, five staff members attended the workshop.
- e. Workshop on Basics of Translation (English to Hindi and vice versa) was conducted by the Department of Material Development on 30<sup>th</sup> November 2016.



### Guest Lectures delivered at other Organizations

The staff of the Institute served as resource persons for Official Language Implementation programmes of other government organizations and delivered invited lectures as detailed below.

- a. Dr. H. P. Uma Saraswathi, Hindi Translator delivered a lecture at the Hindi workshop organized by the CFTRI, Mysuru on 6<sup>th</sup> June 2016.
- b. Dr. H. P. Uma Saraswathi, Hindi Translator delivered a lecture on at the Hindi workshop organized by the BSNL, Mysuru on 23<sup>rd</sup> June 2016.
- c. Dr. H. P. Uma Saraswathi, Hindi Translator delivered a lecture at Kendriya Vidyalaya Sangathan Mysuru on 25<sup>th</sup> January 2017.



### Workshops Attended

The Institute staff attended the workshops/seminars on Official Language Implementation organized by other agencies as detailed below.

- a. Dr. H. P. Uma Saraswathi, Hindi Translator attended the Seminar cum Hindi Workshop by Raj Bhasha Sansthan, New Delhi held at Solan, HP on 27.04.16-29.04.16
- b. Dr. H. P. Uma Saraswathi Hindi Translator attended the Conference/ Chintan Shivr by Rajabhasha Seva Sansthan, New Delhi held at Munnar, Kerala on 01.06.17- 03.06.17.
- c. Mr. K Purushothama, Assistant Registrar & Mr. Chethan, R., HCE Typist attended the 81<sup>st</sup> Seminar cum Hindi Workshop by Raj Bhasha Sansthan, New Delhi held at Jim Corbette Park, Nainital district, Uttarakand on 25.10.16- 27.10.16.
- d. Ms. M. Sajina, Hindi Translator attended the Annual Conference by TOLIC-Southern Regional OLI Office, Bengaluru organised at Hyderabad on 21.12.16.
- e. Ms. M. Sajina, Hindi Translator attended the Sixth Official Language Conference by the Ministry of Health & FW, New Delhi held at Puduchery, Tamil Nadu on 09.01.17- 11.01.17



## Hindi Week Celebration

Hindi week was celebrated at the Institute on 14-20 September 2016. The celebrations commenced on 14<sup>th</sup> September 2016, the National Hindi Divas. Dr. Shashidhar, L. G., Professor, Post graduate Department of Studies in Hindi, Manasagangothri, University of Mysuru was the chief guest. Dr. S. R. Savithri, Director, AIISH presided over the valedictory function held on 22<sup>nd</sup> September 2016. A message from the Hon'ble Union Minister for Home Affairs, Govt. of India was read at the function. Many innovative competitions in Hindi were conducted for staff and students as a part of the celebrations and the winners were awarded with cash prizes.

## Word a day in Hindi

Words on progressive use of Hindi in bilingual were displayed at Departments/Sections on a regular basis throughout the year.

## Award for the Best Execution of Official Language

An award was instituted for the best execution of official language among the Departments and Sections of the Institute. A special committee formed by the Director adjudicated first prize for the Department of Audiology and the Department of Special Education under the Department category and the Personnel Section under the Administrative Sections Category. Also, Ms. Divya P., Administrative Assistant, PL Section won cash award for doing original work in Hindi. The prizes were distributed during the valedictory of Hindi Week on 22<sup>nd</sup> September 2016.

## Awards / Prizes / Testimonials

- The institute received कार्यलय दर्पण स्मृति चिह्न पुरस्कार hosted by Raj Bhasha Sansthan, New Delhi.
- Dr. S R Savithri, Director, honoured with Rajabhasha Shree puraskar at the Conference/ Chintan Shivir by Rajabhasha Seva Sansthan, New Delhi held at Munnar, Kerala.
- The institute awarded with I Prize for Rajabhasha Anupalan (Region C), Conference/ Chintan Shivir by Rajabhasha Seva Sansthan, New Delhi held at Munnar, Kerala.
- The institute received कार्यलय ज्योति स्मृति चिह्न पुरस्कार & कार्यलय दीप स्मृति चिह्न पुरस्कार at the 81st Seminar cum Hindi Workshop by Raj Bhasha Sansthan, New Delhi held at Jim Corbette Park, Nainital district, Uttarakand.
- Dr. HP Uma Saraswathi received Best Paper Presentation Award at the Seminar-cum-Hindi Workshop, organized by the Raj Bhasha Sansthan, New Delhi at Solan, Himachal Pradesh.





**Awards Hosted by AIISH**



**Awards Hosted by Others**





## AWARDS AND HONOURS

### Awards hosted by other organizations

1. The institute received कार्यालय दर्पण स्मृति चिह्न पुरस्कार hosted by Raj Bhasha Sansthan, New Delhi.
2. Dr. S. R. Savithri, Director, honoured with Rajabhasha Shree puraskar at the Conference/ Chintan Shivir by Rajabhasha Seva Sansthan, New Delhi held at Munnar, Kerala.
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5. The Institute tableau on noise pollution and its hazards received first prize in International Dasara Procession - 2017, Mysuru, organized by the Govt. Of Karnataka on 11<sup>th</sup> October, 2016.
6. The Institute participated in the Dasara Flower show 2016, organized by the Department of Horticulture, Government of Karnataka and won 4 first prizes and 3 second prizes for well garden maintenance and ornamental and flower pots arrangement.
7. Dr. S. R. Savithri, Director received LVA SLP Oration award at the 2nd SAARC International Conference & 5th Annual Conference of Laryngology and Voice Association, Laryngology Summit 2016.
8. Dr. Ajish K. Abraham received Distinguished Services Award for the years 2014-16 from Acoustical Society of India.
9. Dr. H. P. Uma Saraswathi received Best Paper Presentation Award at the Seminar-cum-Hindi Workshop, organized by the Raj Bhasha Sansthan, New Delhi at Solan, Himachal Pradesh.
10. Mr. Nike Gnanateja G. bagged the best oral presentation award at the Hong Kong Speech and Hearing Symposium 2016, organized by the Chinese University of Hong Kong, Hong Kong on 22-23 October 2016 for the paper Perception of Acoustically Altered Speech in Persons with Stuttering authored by Dhatri S. Devaraju, G. Nike Gnanateja, Santosh Maruthy, Sandeep Maruthy, and Ajith Kumar Uppunda.
11. Mr. Nike Gnanateja G. received Carl Storm International Diversity Award for an amount of \$1250 to attend the Gordon Research Seminar and Gordon Research Conference, Bates College in Lewiston, Maine, United States of America on 9 – 15 July 2016.
12. Manjula, P., Jawahar Antony, P., Megha, Nayana, P.K., Geetha, C. bagged the best e-poster award for their paper Outcome with Cochlear Implantation in a Child with ANSD, CIGICON 2016, Kochi, 8-9 October 2016.





13. Geetha, C., Vinodhini P. & Hemanth, N. bagged the 2nd best paper in Audiology for their paper Effect of Number and Type of Algorithms in a Hearing Aid on Temporal Cues and Speech Perception, 9th KSB ISHACON 2016, Palakkad, Kerala, 23rd October 2016.
14. Niraj Kumar Singh & Nirmala Jagadish bagged the best paper in Audiology for their paper Undesirable Vestibular Stimulation in Cochlear Implant Users, CIGICON 2016, Kochi, 8-9 October 2016.
15. Geetha C., Vinodhini, P., Hemanth, N. bagged the best poster award for their poster Does the length of stimuli affect the amount of temporal deviation of speech in a hearing aid?', 6th ISHA TN Conference 2016, Puducherry, 19-20 November 2016.
16. Kumari Apeksha & Ajith Kumar, U., bagged the best paper award for their paper Speech Perception In Individuals with Normal Hearing and Auditory Neuropathy Spectrum Disorder: an Electrophysiological Study, EEGLAB Workshop, 16-20 January 2017.
17. Mamatha, H. R., Maruthy, S. bagged the Dayalan Samuel SSV Award for the best paper in audiology for their paper Auditory Brainstem Responses Using Chained Stimulus of Multiple Frequency Tone Bursts, 49th ISHACON held at Kolkata, 6-8 January 2017.
18. Christy, Shruthi, Gnanateja, G. N., & Sandeep, M. bagged the Manohar Memorial Award for the best paper in audiology for their paper BISIABR: A Novel Paradigm to Record Bilateral ABR Simultaneously, 49th ISHACON, Kolkata, 6-8 January 2017.
19. Niraj Kumar Singh, Ganapathy MK, Himanshu Kumar Sanju, Prawin Kumar bagged Muktesh Award for the best Paper in audiology for their paper Feasibility of objective assessment of DLI using ACC in children with CAPD, 49th ISHACON, Kolkata, 6-8 January 2017.
20. Deeksha Handa, Himanshu Kumar, Sanju, Pratyasha J, Niraj Kumar Singh & Prawin Kumar bagged the Dr. M. Raghunathan Memorial Award for the best paper in audiology for their paper Neural Representation of CV Transition in Individuals with Cochlear Hearing Loss and ANSD, 49th ISHACON, Kolkata, 6-8 January 2017.
21. Niraj Kumar Singh, bagged the Dr. N. R. Chaydhary Memorial Award for the best paper in audiology for his paper Effect of recreational use of personal music system on ocular VEMP, 49th ISHACON, Kolkata, 6-8 January 2017.

22. Vinodhini, P. & Geetha, C. bagged the best paper award for their paper Influence of Hearing aid Algorithm on Speech Perception and Frequency Specific Envelope Changes, National Conference on Auditory Evoked Potentials, HCC FlaSH Series I, Holy Cross College, Tiruchirappalli, 15-18 February 2017.
23. Ajish K. Abraham bagged the SCA best poster award-2017 at the 104th Indian Science Congress, SV University, Tirupathi.
24. Jayashree C. Shanbal & Arunraj, K., received the best paper presentation award under the category of Make in India theme in the Young Scientist Conclave (YSC) in India International Science Festival (IISF) 2016, New Delhi on 7-11 December 2016.
25. Jayashree C Shanbal & Arunraj, K., received the best paper award under the category of Digital India theme in the Young Scientist Conclave (YSC) in India International Science Festival (IISF) 2016, New Delhi on 7-11 December 2016.
26. Upadhyay A. K., Shaik Gulab bagged the Smt. Annapurna Memorial award for the best research paper in special education for their paper Effectiveness of Multimedia as a Teaching Learning Material to Primary School Children with Hearing Impairment, NCED, Jodhpur, 21-23 February 2017.
27. Prithi, V., Kadambari, N. received the Dr. Prakash Gathoo award for best research paper in Special Education for their paper Knowledge and Attitude of teachers towards Government Initiatives for Children with Hearing Impairment, NCED, Jodhpur Conference, 21-23 February 2017.
28. Vijayalakshmi, S. & Sumana, H.P. received the M.C. Sen award for the best research paper in Special Education for their paper A Study on impact of digital awareness in teaching – learning process, NCED, Johdpur Conference, 21-23 February 2017.
29. Manjula, P. V. & Ramanakumari, P. V. bagged the Smt. Annapurna Memorial award for best paper on Technological Development for PWD's for their paper Caregivers' Knowledge and Use of Available Apps, Tools and Software in Training their Wards with Hearing Impairment, NCED, Johdpur Conference, 21-23 February 2017.





30. Manisha Hegde & Santosh, M. bagged Muktesh Award for best paper in Speech-Language Pathology for the paper Prevalence and Risk Factors of Voice Problems in Yakshagana artists, at the 49th Indian Speech and Hearing Association Conference, Kolkata on 6-8 February, 2017.
31. Manisha Hegde & Santosh, M. bagged Dr. M Raghunathan Memorial Award for best poster in Speech-language Pathology for the paper Prevalence and Risk Factors of Voice Problems in Hindu Priests. Poster presented at the 49th Indian Speech and Hearing Association Conference on 6th - 8th February, 2017 at Kolkata, India.
32. Sweekriti P. N. & Ridhi Wadhwa & Abhishek B.P. bagged Shaila Vora award for Best paper in Speech-Language Pathology for paper titled Effect of linguistic variables on bound recognition abilities, at 49th Indian Speech and Hearing Association Conference, Kolkata on 6-8 January, 2017.
33. Goswami, S. P. bagged the Dr. B. M. Abrol best paper award for his paper Income and Work Satisfaction: Two Sides of the Same Coin at the 49th National Conference of Indian Speech and Hearing Association, Kolkata, 6-8 January, 2017.
34. Mr. Kishore Kumar Bharshetty received Sri. D K Venkatesh Murthy Gold Medal for the I Rank holder in B.Sc (Sp. & Hg.), University of Mysore, Mysuru, 2015-16.
35. Ms. Veena S. Ramkumar received Smt. Jayalakshamma Gold Medal for the first rank holder in M.Sc.( Speech-Language Pathology) University of Mysore, Mysuru, 2015-16.
36. Ms. Veena S. Ramkumar received FRIENDS united organization endowment scholarship for the first rank holder in M.Sc.( Speech-Language Pathology) , University of Mysore, Mysuru, 2015-16,.
37. Rohith Batacharya, II BASLP won 1 gold , 8 silver and 1 bronze medals in Mysore University Swimming Competition held on 27-29 September, 2017.
38. Maria Architha, II BASLP won 4 silver and 4 bronze medals in Mysore University Swimming competition held on 27-29 September, 2017.
39. Sanjay S., I BASLP secured first place under 96 kgs in Mysore University Wrestling Competition held on 27- 29 September, 2017.
40. Aman Munde , II BASLP won 1 silver silver medal in Inter Collegiate Swimming competition organized by Mysore University during September-October 2016.
41. Maria Architha, II BASLP won 3 silver in Inter-collegiate swimming competition organized by Mysore University during September-October 2016.
42. Rohith Batacharya, I BASLP won 1 gold and 2 silver medals in Inter-collegiate swimming competition organized by Mysore University during September-October 2016.
43. Aishwarya Lakshmi, Ananya Basappa, I M.sc in Audiology, Hrishta, I BASLP & Nivya, DHLS won runner's up trophy in the Women's Shuttle Badminton Tournament in Mysore University Inter-collegiate tournament held in the month of January 2017.
44. Shamantha M., II M.Sc Audiology secured first place in Individual Kumite Division in 18th All India Sports Extravaganza and 2nd Inter Collegiate Karate Championship. Organized by the School of Graduate Studies, Jain University, Bangalore on 20th February, 2017.
45. Fifty four children from preschool took part in Bhandhavya-2017 Special Olympics and Paralympics Competitions organized by Rotary midtown, Mysuru in association with Special

Olympics Bharath Karnataka on 26<sup>th</sup> February 2017 and won 20 gold, 8 silver and 9 bronze medals. The team became overall champion in the lower-ability category and runner's up in higher-ability category.

### **Awards hosted by the institute / Gymkhana**

1. Dr. Pushpavathi, M., Professor of Speech Pathology, Dr. Y.V. Geetha, Professor of Speech Sciences, Mr. Nanjunda Swamy, M., Library and Information Assistant, Mr. Darga Baba Fakruddin, Audiologist Grade-I, Ms. Preethi T. Thomas, Speech-Language Pathologist Grade-I, Mr. Srinivasa S.R., Electronics Engineer, Mr. Ramesh, D.S., Office Superintendent, Pramila, D., Stenographer, Mr. Siddaiah S., MTS, and Mr. Srinivasa, MTS received the AIISHIAN of the year award.
2. Sahana, V. received Dr. Vijayalakshmi Basavaraj Gold Medal for securing first rank in M.Sc (Audiology), University of Mysore for the year 2015-16.
3. Sahana, V. received Smt. R. Sumithamma and Sri. R. K. Rajagopala gold medal for the best student clinician in M.Sc (Audiology).
4. Ms. Veena S. Ramkumar received Abhilash Award for the best student clinician in M.Sc. (Speech-Language Pathology).
5. Ms. Sharon, Ms. Koyal and Mr. Darshan received the best clinical conference award of the year for the case presentation on Vestibular Schwannoma under the guidance of Mr. Sreeraj K.
6. Mr. Rajith, Ms. Shanthala, Ms. Swathi and Mr. Srikanth received the best journal club award for the presentation of an article titled Using Different Criteria to Diagnose (Central) Auditory Processing Disorder: How Big a Difference does it make? under the guidance of Dr. Prawin Kumar, Reader in Audiology.
7. Dr. Niraj Kumar Singh, Dr. Prawin Kumar, Mr. Srikar V., Nike G. Gnanateja, Dr. Jayashree Shanbal, & Ms. Zeena V. P., Dr. K. Yeshoda, Ms. Priya M.B., Ms. Manisha Hegde, Ms. Dhatri S. Devaraju secured various prizes in the competitions held as a part of Hindi week celebration 2016-17.
8. Ms. Sowmya M received first prize in the Marathon organized by the NSS Unit on 21<sup>st</sup> September 2016.
9. Ms. Akshatha Y Audiologist Grade I, secured 2nd prize in Solo Singing Competition held as part of Kannada Rajyotsava celebrations held on 29<sup>th</sup> November 2016.





## OTHER ACTIVITIES AND EVENTS

Infrastructure Development and Maintenance

Material Development

Personnel Management

Technological Consultancy Services

Right to Information Act

Library and Information Services

Reservation Policy Implementation

Eminent Visitors





## OTHER ACTIVITIES AND EVENTS

### 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.

#### Civil Engineering Infrastructure

The institute spent Rs. 100.77 lakhs towards civil engineering infrastructure maintenance during the reporting year. The major work completed include construction of RCC retaining wall adjacent to diesel generator room at Panchavati campus, renovation of restrooms in new admin block, painting, construction of underground sump, providing UG drainage pipe line, fencing sandal wood trees, soundproofing treatment to rooms, providing ramp for differently-abled patients and providing and laying waterproofing treatment. In addition, construction of Centre of Excellence building worth ₹ 8600 lakhs was under progress.

#### Garden and Landscape Development

The Horticulture section continued its effort to maintain and develop the garden areas and enhance the aesthetic appearances and eco-friendly atmosphere in the campus. The major works carried out include the development of Bermuda lawn in the rose garden at a cost of Rs 2,18,400/- in an area of 625 sq.mtr, 500 indoor plants and 4500 flower pots for Dasara flower show exhibition. The section represented the institute in the Dasara Flower show 2016, organized by the Department of Horticulture, Government of Karnataka and in the flower show organized by the Mysore Palace Board and bagged prizes.

### Implementing the Right to Information Act, 2005

The Institute has been implementing the Right to Information Act, 2005 in best of spirit. The Institute is available on the RTI-MIS Portal of the Govt. of India since 25<sup>th</sup> July 2016 wherein the citizen can file RTI queries related to the Institute online. Also, the Institute suo-moto published various information on its policies and procedures on the official website thereby reducing the need for invoking the provisions of the Act for seeking information by the public.

The details of the RTI related queries received and disposed of during the reporting year are given in table 1.





Table 1: Right to Information Act, 2005

S.N.	Category	Number
1	No. of applications received as transfer from other PAs u/s 6(3)	03
2	Received (including cases transferred to other PAs)	33
3	No. of cases transferred to other PAs u/s 6(3)	01
4	Decisions where requests/ appeals rejected	10
5	Decisions where requests/ appeals accepted	19
6	First appeal received	03
7	Second appeal received	01
8	Registration fee (in Rs.) collected u/s 7(1)	160



## Library and Information Centre

The major library and information services provided during the reporting year include the following.

**Acquisition of Information Resources:** Totally 445 print books were purchased during the reporting year making the total collection to 21396. In addition, 115 national / international journals both in print and electronic format and two online databases were subscribed, and 92 research reports were added to the in-house digital repository. The institute received 242 nos. of medical Journals as a part of ERMED consortium of the Ministry of Health and Family Welfare, Govt. of India and more than 90,000 e-books and 3000 e-journals as a part of N-LIST service of the Information and Library Network, University Grants Commission, Govt. of India.





**Information Services Offered:** The various information services provided include book lending, reference, Internet, online public access catalogue, web portal based services, CD-ROMs, online databases, e-books, plagiarism detection, remote login, bibliographic management, language laboratory, newspaper clipping, digital repository and VPN based resource access to the DHLS centers.

**Orientation/Training Programs:** The newly admitted students were oriented on various library resources and on information literacy. Training was also given on Turnitin, the anti-plagiarism software.

**Open Elective Course:** An Open Elective Course on Information Management in Speech. Language and Hearing was offered for the 2<sup>nd</sup> Semester PG programmes under University of Mysore, Mysuru.



## Product Development and Distribution

Totally, 864 nos. of Institute publications were sold under the aegis of the Product Development Cell generating an amount of ₹302655.



## Material Development Activities

The Department of Material Development carried out the creation of various materials for the public on prevention, identification and management of communication disorders. To cater to individuals from different linguistic backgrounds, materials were developed in different Indian languages in print, audio and video formats. In addition, the Department was also involved 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 the materials developed during the reporting year are given in table 2.

Table 2: Material Development Activities



Category	No. of Designs	No. of Pages/Editing
Booklet/ Cover	34	991
Brochure	17	78
Pamphlet	06	35
Certificate	36	250
Invitation	08	12
Drawings	12	18
CD	04	15
Posters	21	64
Banner	06	06
Others	11	100
<b>TOTAL</b>	<b>155</b>	<b>1569</b>
Photography		
Events covered		84
No. of photos taken		2695



Printing	
A3 size	819
A4 size	71733
Others	
Video	12.33 hours
Scanning	4094 photos & 567 papers
Translation with typing & content development/modifications	179 pages



## Personnel Management

**New Recruitment:** Mr. Abhisheka T.E. and Ms. Sajina M. were appointed to the posts of Junior Technical Officer and Hindi Translator, respectively on regular basis. With this, the regular staff strength of the Institute reached 166 numbers which includes 47 Group 'A', 59 Group 'B', 39 Group 'C' and 21 multitasking staff. In addition, 189 contract staffs were also recruited. Thus the total staff strength of the Institute was 355 at the end of the reporting year, excluding the outsourced contract staff for housekeeping, gardening and security.

**Promotions:** There were six promotions under regular promotion and eight financial up-gradation under Modified Assured Career Progression Scheme during the reporting year. The details are given in table 3.

Table 3: Staff Promotion

Sl. No.	Name and designation	Up-gradation Pay Band with Grade Pay
Regular Promotion		
1	Sh B. Gopala Upper Division Clerk	PS-1 Rs.5,200-20,200 + GP Rs.2,400/-
2	Sh G.H. Anandaram Accounts Officer	PS-2 Rs.9,300-34,800 + GP Rs.4,800/-
3	Sh F. Lawrence Rosario Sam Accountant	PS-1 Rs.5,200-20,200 + GP Rs.2,400/-
4	Sri R. Mohamed Kaimasulla Senior Accountant	PS-2 Rs.9,300-34,800 + GP Rs.4,800/-
5	Smt. Pramila D Stenographer Grade II	PS-2 Rs.9,300-34,800 + GP Rs.4,200/-
6	Sh Ramesh D.S. Assistant Administrative Officer	PS-2 Rs.9,300-34,800 + GP Rs.4,800/-
Modified Assured Career Progression (MACP)		
1	Sri M B Sadasubramanyam Electrician	PS-2 Rs. 9,300-34,800 + GP Rs. 4,800
2	Sri L. Prem Kumar UDC	PS-1 Rs. 5,200-20,200 + GP Rs. 2,400
3	Sh S V Prakash Clinical Attendant	PS-1 Rs. 5,200-20,200 + GP Rs. 2,400
4	Sh V Raju Ayah	PS-1 Rs. 5,200-20,200 + GP Rs. 2,400
5	Smt. R. Kumudha Special Educator	PS-2 Rs. 9,300-34,800 + GP Rs. 4,800
6	Sri M. Marjundawaray Library & Information Assistant	PS-2 Rs. 9,300-34,800 + GP Rs. 4,800
7	Smt. R. Shonali Upper Division Clerk	PS-2 Rs. 9,300-34,800 + GP Rs. 4,200
8	Ms. Nagalakshmi Stenographer G.III	PS-2 Rs. 9,300-34,800 + GP Rs. 4,200

## Retirement/Repatriation/Resignation

Six staff members, Sri Venkatarama Gowda R.H., Sri. Sannaranga, Sri. S. Siddaiah, Sri Yale Gowda, Dr. R. Manjula, and Dr. Y. V. Geetha were superannuated from the regular service during the reporting year. Also, one staff member, Ms. Priya M. B., Clinical Supervisor resigned from the service. In addition, one staff Smt. Anusuya, D. R., Stenographer Grade-II deceased while in service.



## 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 & Scheduled Tribes and OBC 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 under- graduate, postgraduate, and diploma programmes 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.

One Group 'A' officer was nominated as Liaison Officer to monitor, coordinate and to aid and advise the 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 staffs belonging to SCs and STs as on 31<sup>st</sup> March 2016 are given in tables 4 & 5.

Table 4: Academic (faculty) / technical positions

Group	Sanctioned Strength	In position	SC	ST
Group A	53	45	07	04
Group B	56	53	05	02
Group C	25	24	04	01

Table 5: Nontechnical / administrative positions

Group	Sanctioned Strength	In position	SC	ST
Group A	02	02	-	-
Group B	09	06	01	-
Group C	29	15	02	-
Group C (MTS)	53	21	08	-

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 6.

Table 6: SC/ST Students admitted

Courses	SC	ST	Total
Undergraduate	09	05	14
Postgraduate	08	05	13
Diploma*	12	06	18
Total	29	16	45

\*9 DHLS study centres



The academic staff members 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. The following consultancy services were carried out by the department during the reporting year.

1. Calibration of Audiometer model: GSI 68 Diagnostic Audiometer from District Surgeon, District Hospital, Chikkaballapur.
2. Electro acoustic evaluation of hearing aids from Arphi Electronics Pvt Ltd, Mumbai, State Commissioner for the differently-abled, Chennai, State Project Director, Odisha, Otic hearing solutions Pvt. Ltd, Navi Mumbai, Sarva Shiksha Abhiyan, Ganjam, Chathrapur, Sarva Shiksha Abhiyan, Malkangiri, Sarva Shiksha Abhiyan, Kalahanthi, Bhawanipatna, Sarva Shiksha Abhiyan, Bhadrak, Sarva Shiksha Abhiyan, Angul, Sarva Shiksha Abhiyan, Jagatsinghpur, Sarva Shiksha Abhiyan, Bargarh, Sarva Shiksha Abhiyan, Sambalpur, Sarva Shiksha Abhiyan, Gajapati, Calibration of audiometer (Inventis Piano Plus) from Pika Medicals Private Limited, Bengaluru, Sarva Shiksha Abhiyan, Baripada, Odhisha, Sarva Shiksha Abhiyan, Jharsugudu, Odhisha, Sarva Shiksha Abhiyan, Khardha, Odhisha, Sarva Shiksha Abhiyan, Boudh, Odhisha, Sarva Shiksha Abhiyan, Jaipur, Sarva Shiksha Abhiyan, Balasore, Odhisha, Sarva Shiksha Abhiyan, Baripada, Odhisha, Sarva Shiksha Abhiyan, Parakalmedu, Odisha.
3. Repair of calibration of equipments of DHLS centre, Shimla DHLS centre, Mumbai and DHLS centre, Ranchi.
4. Calibration of audiometer from PIKA medicals pvt ltd, Bengaluru and Mandya Institute of Medical Sciences.
5. Noise measurement of one air compressor from Skanray Technologies Pvt Ltd, Mysuru.
6. Calibration of Audiometer (Elkon CDA 3N3) from Hassan Institute of Medical Sciences, Hassan.





## Eminent 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 7.



Name of the Dignitaries	Date of visit
Shri. R.S.Negi Under Secretary, Ministry of Health and Family Welfare, Govt. of India, New Delhi	18.05.2016
Shri. Dhruvanarayan Hon'ble MP, Chamara's Nagar	30.06.2016
Mr. David Goldberg Augmentative and Alternative Communication (AAC) Clinic, New Jersey, US	21/22.7.2016
Padmeshri Dr. V.Prakash Former Director, CFTRI, Hon'ble Director of Research, Innovation & Developmental and management, ISS Mahavidhyapeetha, Mysuru	09.08.2016
Dr. B. N. Gangadhar Director, National Institute of Mental Health and Neuro Sciences (NIMHANS)	09.08.2016
Dr. Vinod Aggarwal Secretary, Department of Empowerment of Persons with Disabilities, New Delhi	12.08.2016
Mr. Kagalavadi M.Shivanna Secretary, Ministry of Social Justice & Empowerment	22.08.2016
Smt. Umashree Minister for Women & Child Welfare & Kannada & Culture, Government of Karnataka, Bangalore	04.10.2016



Name of the Dignitaries	Date of visit
Dr. Vinod Bhat Vice Chancellor, Manipal University, Manipal	17.12.2016
Dr. H R Nagendra Chancellor, S-VYASA, Bengaluru	17.12.2016
Dr. Rashmi Singh Chairperson of World Association of Youth and Students	09.01.2017
Dr. Subash Chandra Parija, Director, JIPMER, Puducherry	16.01.2017
Shri.Sanjiva Kumar Additional Secretary, Ministry of Health & Family Welfare, Government of India, New Delhi	08.02.2017
Shri Keshav Desiraju Former Additional Secretary Ministry of Health & Family Welfare, GOI	08.03.2017
Prof. Ali Raza Moosvi Professor, Department of Geography School of Earth Sciences, Central University of Karnataka, Kalaburgi	08.03.2017
Shri Ziley Singh Vical Deputy Secretary Ministry of Health & Family Welfare, Government of India, New Delhi	08.03.2017



## Five-Year Key Statistics

Category	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Academic</b>					
<b>Academic Programmes Offered</b>	14	14	16	16	17
<b>Students Admitted</b>	339	329	284	296	364
<b>Total Student Strength</b>	631	614	431	532	524
<b>Guest Lectures</b>	10	15	18	19	14
<b>Orientation/ Short Term Training</b>	120	129	143	199	187
<b>Workshops/ Seminars</b>	24	30	31	33	34
<b>Invited Talk by Faculty &amp; Staff</b>	142	145	154	240	259
<b>No. of Faculty</b>					
<b>Total</b>	55	59	62	59	58
<b>Professors</b>	14	14	15	15	13
<b>Readers</b>	6	11	12	15	14
<b>Lecturers</b>	35	34	35	29	31
<b>Research</b>					
	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
<b>Completed Funded Projects</b>					
<b>Extramural</b>	1	1	01	03	05
<b>Intramural</b>	37	42	21	20	19
<b>New / Ongoing Funded Projects</b>					
<b>Extramural</b>	8	7	10	09	12
<b>Intramural</b>	58	41	39	30	46
<b>Completed Doctoral Research</b>	7	7	7	13	10
<b>Ongoing Doctoral Research</b>	42	39	31	44	45
<b>Completed Postgraduate Research</b>	71	61	70	77	64



<b>Ongoing Postgraduate Research</b>	61	66	70	63	61
<b>International / National Conference Presentations</b>	59	73	85	172	123
<b>International/ National Journal Articles</b>	55	97	107	90 90	129
<b>Books/ Book Chapters</b>	17	17	09	16	30
<b>In-house publications</b>				62	53
<b>Clinical Care</b>					
	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
<b>Patient Registration</b>	50906	56386	63450	69079	69490
<b>New Cases</b>	21006	20896	22650	23818	22469
<b>Repeat Cases</b>	29900	35490	40800	45261	47021
<b>Speech &amp; Language Assessment</b>	8161	8007	9301	8272	7501
<b>Speech &amp; Language Therapy</b>	5945	6250	5711	5484	6346
<b>Hearing Evaluation</b>	13572	13734	14762	13808	14555
<b>Hearing Aid Trial</b>	10594	11003	10453	7443	7509
<b>Ear Moulds Made</b>	6151	10315	8306	5867	4895
<b>Psychological Assessment</b>	6494	6260	6410	6541	6343
<b>Otorhinolaryngological Assessment</b>	36910	39388	37502	41942	38409
<b>Specialised Clinical Units</b>	12	13	14	14	15
<b>Pre-School Admission</b>	204	221	231	225	224
<b>Distribution of Hearing Aids</b>					
<b>ADIP Scheme/ AIISH</b>	2686	3358	4286	3820	774
<b>AHAD Scheme</b>	1711	1530	1831	1915	
<b>Allied Health &amp; Medical Speciality Services</b>					
	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
<b>Physiotherapy</b>	904	819	1172	727	631
<b>Occupational Therapy</b>	1102	845		1355	1739

<b>Neurology Consultancy</b>	560	651	771	799	730
<b>Paediatric Consultancy</b>	253	342	325	407	414
<b>Phono surgery Consultancy</b>	36	192	125	186	177
<b>Plastic Surgery Consultancy</b>	182	177	202	175	218
<b>Prosthodontic Consultancy</b>	14	05	12	-	-
<b>Orthodontic Consultancy</b>	45	33	60	49	54
<b>Outreach Services &amp; Public Education</b>					
	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
<b>Infant Screening at Mysore City Hospitals/ Outreach Service Centres</b>	14920	15119	14515	14689	19380
<b>Newborn Screening at DHLS centres</b>	6672	13602	11819	20779	35782
<b>Industrial Screening</b>	17	367	245	224	425
<b>School Screening</b>	855	520	5247	1570	2743
<b>Communication Disorder Screening Camps</b>	19	9		21	35
<b>Clinical Cases at Outreach Service Centres</b>	4078	4447	2111	2887	2630
<b>Tele Intervention</b>	163	212	122	279	61
<b>Monthly Public Lectures</b>	12	12	12	09	09





## ADMINISTRATION

**T**he 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, one center, 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 and the Standing Finance Committee of the Institute are given in next page.





Executive Council	Standing Finance Committee	Academic Sub-Committee
<b>Chairperson</b>	<b>Chairperson</b>	<b>Chairperson</b>
1. Hon'ble Minister for Health & Family Welfare Govt. of India, New Delhi	1. Additional Secretary (H) Govt. of India, Ministry of Health & Family Welfare, New Delhi	1. Prof. H. A. Ranganath  Visiting Professor, Indian Institute of Science, Bangalore Distinguished Professor, University of Mysore (Former Vice-Chancellor, Bangalore University, Former Director, National Assessment and Accreditation Council) HEG, Block 3, Flat No. 503 Karnataka House Board, Surya Nagar, Chandrapur Post, Bangalore-560 081
<b>Vice-Chairperson</b>	<b>Members</b>	<b>Members</b>
2. Hon'ble Minister for Health & Family Welfare, Govt. of Karnataka, Bengaluru	2. The Director General of Health Services, Ministry of Health & Family Welfare, New Delhi OR His nominee	2. Nominee from ICMR
<b>Members</b>	3. Additional Secretary (FA) Govt. of India Ministry of Health & Family Welfare, New Delhi	3. Nominee of Vice Chancellor University of Mysore
3. Secretary Govt. of India, Ministry of Health & Family Welfare New Delhi	4. Joint Secretary (H) Govt. of India Ministry of Health & Family Welfare, New Delhi	3. Dr. B. K. Yamini Asst. Professor, Dept. of Speech Pathology and Audiology, NDMHANS, Bengaluru-560 029
4. Director General of Health Services, Govt. of India Ministry of Health and Family Welfare, New Delhi OR His nominee	5. Principal Secretary, Health & Family Welfare, Department of Health and Family Welfare, Govt. of Karnataka, Bengaluru	3. Dr. Vijay Danabas Consultant, Psychiatrist Department of Psychiatry Mysore Medical College & Research Institute K. R. Hospital, Mysuru-570 001
5. Additional Secretary (H) Govt. of India, Ministry of Health and Family Welfare, New Delhi	<b>Member - Secretary</b>	4. Three Heads of Departments of AISH
6. Additional Secretary and FA Govt. of India Ministry of Health & Family Welfare, New Delhi	6. Director All India Institute of Speech and Hearing, Mysuru	5. Shri. S. Ramkumar Registrar AISH, Mysuru
7. Joint Secretary (H) Govt. of India, Ministry of Health & Family Welfare, New Delhi		<b>Member-Secretary</b>
8. Joint Secretary (DD) Govt. of India Ministry of Social Justice and Empowerment, New Delhi		6. Director AISH, Mysuru
9. Vice-Chancellor University of Mysore, Mysuru		
10. Principal Secretary Govt. of Karnataka Dept. of Health and Family Welfare, Bengaluru		
11. Director of Medical Education Govt. of Karnataka Bengaluru		
12. Three nominees of EC, Chairperson		
13. One nominee of Director, AISH, Mysuru		
<b>Member-Secretary</b>		
14. Director All India Institute of Speech and Hearing, Mysuru		





# FINANCIAL STATEMENT

## AUDITED STATEMENT OF ACCOUNTS FOR THE YEAR ENDED 31.03.2017

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**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**Balance Sheet as at 31<sup>st</sup> March 2016**

Liabilities	Schedules	₹	P.	Current Year ₹	P.	Previous Year ₹	P.
Capital Fund							
Balance as on 01.04.2016		149,66,43,678.28					
Less : Internal Revenues (accumulated) transferred to Pension Fund		8,25,15,662.13					
		141,41,28,016.15					
Add : Capitalisation of computer peripherals supplied free of cost.		3,85,167.00					
Add : Amount transferred from Income and exp		15,41,88,156.25					
Closing Balance – Capital Fund				156,87,01,339.40		149,66,43,678.28	
Funds	Schedule- A			53,40,37,973.71		41,40,58,446.45	
Deposits and Advances of Outside Parties	Schedule- B			67,99,998.00		63,93,287.00	
Remittances Accounts	Schedule- C			11 13,432.09		3,00,455.09	
Other Liabilities	Schedule- D			1,81,57,975.00		1,55,06,449.00	
Sponsored Programmes and other schemes	Schedule- E			9,26,68,768.07		8,45,01,492.07	
ADIP Scheme	Schedule- J			1,72,783.36		2,53,939.36	
Total				222,16,52,269.63		201,76,57,747.25	



Accounts Officer



Administrative Officer



Director

For P. S. & Co.,  
Chartered Accountants



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



# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Balance Sheet 2016 - 17

Assets	Schedules	Amount		Current Year		Previous Year	
		₹	P.	₹	P.	₹	P.
Fixed and other Assets	Schedule- F			62,35,06,964.34		42,47,71,502.09	
Advances to Staff	Schedule- G			11,25,405.49		15,83,104.00	
Sundry Debtors for Deposits and Advances	Schedule-H			106,96 00,856.12		106,29,55,690.51	
Investments	Schedule-I			43,03,20,000.00		38,02,20,000.00	
ADIP Scheme	Schedule J			1 72,783.36		2,53,939.36	
<b>Closing Balance (Cash/ Bank)</b>							
Cash in Hand			68,072.67				
Cash in Bank BOB SB A/C No 664		9,56,14,542.65					
Due from ADIP Scheme		12,43,645.00		9,69,26,260.32		14,78,73,511.29	
<b>Total</b>				<b>222,16,52,269.63</b>		<b>201,76,57,747.25</b>	



Accounts Officer



Administrative Officer



Director



For P. S. & Co.,  
Chartered Accountants



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

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

### Income and Expenditure Account 2016 - 17

Expenditure	Non Plan ₹ P.	Plan ₹ P.	Total ₹ P.	Previous Year ₹ P.
01. Salaries and Allowances	8,65,40,040.00	4,16,04,561.00	12,81,44,601.00	11,58,55,766.00
ADD: Outstanding 2016-17	70,63,150.00	37,34,740.00	1,07,97,890.00	26,00,382.00
02. Salaries Contractual Staff	-	2,12,00,867.00	2,12,00,867.00	2,00,96,535.00
ADD: Outstanding 2016-17	-	19,43,806.00	19,43,806.00	18,80,846.00
03. Salaries - DHLS Contractual Staff	-	1,07,66,911.00	1,07,66,911.00	94,68,736.00
ADD: Outstanding 2016-17	-	10,74,744.00	10,74,744.00	9,53,156.00
04. Medical Charges	10,72,732.00	1,35,813.00	12,08,545.00	11,95,505.00
ADD: Outstanding 2016-17	14,286.00	-	14,286.00	4,19,052.00
05. Professional Services	5,98,515.00	1,02,534.00	7,01,049.00	8,05,762.00
ADD: Outstanding 2016-17	42,500.00	-	42,500.00	4,500.00
06. Stipend/Fellowship	90,07,377.00	26,500.00	90,33,877.00	64,37,843.00
ADD: Outstanding 2016-17	11,01,385.00	4,750.00	11,06,135.00	7,73,299.00
07. Travelling Allowances	19,52,527.00	7,49,560.00	27,02,087.00	20,81,595.00
ADD: Outstanding 2016-17	54,379.00	1,09,635.00	1,64,014.00	56,563.00
08. Institute's Contribution to Funds	-	-	-	-
a) Contributor Provident Fund	32,976.00	-	32,976.00	32,012.00
b) AIISH Pension Fund	21,63,365.00	-	21,63,365.00	23,10,000.00
c) Contributor Pension Fund Tier 1	46,64,077.00	-	46,64,077.00	41,94,903.00
d) Internal Revenue Transferred to AIISH Pension Fund	4,25,03,969.13	-	4,25,03,969.13	6,47,87,129.48
09. Interest on Funds	-	-	-	-
a) Contributory Provident Fund	82,452.00	-	82,452.00	79,281.00
b) General Provident Fund	51,14,086.00	-	51,14,086.00	47,95,207.00
10. Other Charges (Annexure 3)	3,22,68,845.00	5,24,67,867.00	8,47,36,712.00	6,92,87,300.20
ADD Outstanding : 2016-17	8,45,728.00	3,04,910.00	11,50,638.00	43,52,354.00
11. Contribution to AIISH Research Fund	-	2,00,00,000.00	2,00,00,000.00	2,00,00,000.00
12. Contribution to Clients Welfare Fund	-	25,00,000.00	25,00,000.00	25,00,000.00
13. Grant in aid to DHLS Study Centres	-	2,15,000.00	2,15,000.00	14,99,134.00
14. Grant in aid to Karuna Trust	-	10,33,222.00	10,33,222.00	29,72,937.00
15. Outreach Service Centre, Shimoga	-	-	-	29,000.00
16. Depreciation for the year	-	-	4,88,58,001.75	4,18,50,069.83
17. Assets written off	-	-	2.00	-
<b>Total</b>	<b>19,51,22,389.13</b>	<b>15,79,75,420.00</b>	<b>40,19,55,812.88</b>	<b>38,13,18,867.51</b>

  
Accounts Officer

  
Administrative Officer

  
Director

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



# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Income and Expenditure Account 2016 - 17

Sl No	Income	Non Plan ₹ P.	Plan ₹ P.	Total ₹ P.	Previous Year ₹ P.
	Grant-in-aid from GOI, Min of H&FW - during the FY 2016-17				
1.	Grant-in-aid General	7,75,93,000.00	9,96,35,000.00	17,72,28,000.00	
2.	Grant-in-aid Salaries	9,01,16,000.00	3,50,05,000.00	12,51,21,000.00	
3.	Grant-in-aid Capital Assets		21,12,91,000.00	21,12,91,000.00	
	<b>Total</b>	<b>16,77,09,000.00</b>	<b>34,59,31,000.00</b>	<b>51,36,40,000.00</b>	<b>49,09,73,000.00</b>
	Less Amount Transferred to Capital Fund			15,41,88,156.25	17,42,77,158.97
4.	Amount of Revenue Expenditure out of Grants Plan and Non Plan			35,94,51,843.75	31,66,95,841.03
5.	Internal Revenue and other receipts (Annexure I)			4,25,03,969.13	6,46,23,026.48
	<b>Sub Total</b>			<b>40,19,55,812.88</b>	<b>38,13,18,867.51</b>



Accounts Officer



Administrative Officer



Director

For P. S. & Co.,  
Chartered Accountants



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

**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**  
**Receipts and Payments Account for the year ended 31<sup>st</sup> March 2016 - 17**

Receipts	Current year		Previous year	
	₹	P.	₹	P.
Opening balance: Cash on hand		75,920.67		
Cash at Bank: BOB SB A/c. 664	14,66,26,060.62			
Amount due from ADIP Scheme	11,71,530.00	14,78,73,511.29	7,53,78,146.09	
1. Grant in aid from Ministry of Health & F.W				
a) Grant in aid General Non-Plan	7,75,93,000.00			
b) Grant in aid Salaries Non-Plan	9,01,16,000.00			
c) Grant in aid General-Plan	9,96,35,000.00			
d) Grant in aid Salaries - Plan	3,50,05,000.00			
e) Grant in aid Capital Assets	21,12,91,000.00	51,36,40,000.00	53,24 23,000.00	
2. Other receipts towards:				
a) Internal revenue and other receipts (Annexure I)		4,25,03,969.13	6,47,87,129.48	
b) Remittances and Other Accounts (Annexure 4)		2,00,48,935.80	1,76,00,609.10	
c) Sponsored Programmes and other schemes (Schedule E)		2,97,69,050.00	2,65,53,014.00	
d) Funds (Schedule A)		4,72,66,316.00	5,17,98,213.00	
e) Deposits and Advances of Outside Parties (Schedule B)		31,38,546.00	19,20,232.00	
f) Advances to staff (Schedule G)		20,56,965.51	18,78,261.00	
g) Sundry Debtors for Deposits and advances (Schedule H)		31 95,17,978.00	72,59,06,557.00	
h) Investments (Schedule I )		-	40,000.00	
<b>Total</b>		<b>1,12,58,15,271.73</b>	<b>149,82,85,161.67</b>	



Accounts Officer



Administrative Officer



Director

For P. S. & Co.,  
Chartered Accountants



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



**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**  
**Receipts and Payments Account for the year ended 31<sup>st</sup> March 2017**

Sl. No.	Payments	Non-plan		Plan		Current year		Previous Year	
		₹	P.	₹	P.	₹	P.	₹	P.
<b>A. RECURRING EXPENDITURE</b>									
1.	Salaries and Allowances (Annexure-2)	8,65,40,040.00		4,16,04,561.00		12,81,44,601.00		11,58,55,766.00	
2.	Salaries - Contractual Staff			2,12,00,867.00		2,12,00,867.00		2,00,96,535.00	
3.	Salaries- Contractual staff-DHLS /NBSC			1,07,66,911.00		1,07,66,911.00		94,68,736.00	
4.	Medical charges	10,72,732.00		1,35,813.00		12,08,545.00		11,95,505.00	
5.	Stipend/Fellowship	90,07,377.00		26,500.00		90,33,877.00		64,37,843.00	
6.	Travelling allowance	19,52,527.00		7,49,560.00		27,02,087.00		20,81,595.00	
7.	Institute's contribution to funds							-	
	a) Contributory Provident Fund	32,976.00				32,976.00		32,012.00	
	b) AIISH Pension Fund	21,63,365.00				21,63,365.00		23,10,000.00	
	c) Contributory Pension Fund Tier -I	46,64,077.00				46,64,077.00		41,94,903.00	
8.	Interest on Funds							-	
	a) Contributory Provident Fund	82,452.00				82,452.00		79,281.00	
	b) General Provident Fund	51,14,086.00				51,14,086.00		47,95,207.00	
9.	Professional services	5,98,515.00		1,02,534.00		7,01,049.00		8,05,762.00	
10.	Other charges (Annexure-3)	3,22,68,845.00		5,24,67,867.00		8,47,36,712.00		6,93,99,555.20	
11.	Contribution to AIISH Research Fund			2,00,00,000.00		2,00,00,000.00		2,00,00,000.00	
12.	Contributions to Clients Welfare Fund			25,00,000.00		25,00,000.00		25,00,000.00	
13.	Grants in aid to DHLS Programme (outside centres)			2,15,000.00		2,15,000.00		14,99,134.00	
14.	Grant in aid to Karuna Trust			10,33,222.00		10,33,222.00		29,72,937.00	
15.	Out Reach Service Centre, Shimoga							29,000.00	
16.	Other Liabilities(Schedule D)	36,43,004.00		1,18,63,445.00		1,55,06,449.00		3,18,54,346.00	
<b>Total (C/O)</b>		<b>14,71,39,996.00</b>		<b>16,26,66,280.00</b>		<b>30,98,06,276.00</b>		<b>29,56,08,117.20</b>	
<b>B. NON-RECURRING EXPENDITURE</b>									
<b>Total Balance B/F</b>		<b>14,71,39,996.00</b>		<b>16,26,66,280.00</b>		<b>30,98,06,276.00</b>		<b>29,56,08,117.20</b>	
1.	Fixed and other Assets (Schedule-F)					24,53,44,337.00		8,01,47,518.00	
2.	Funds (Schedule -A)					5,23,06,420.00		4,99,58,040.00	
3.	Deposits and Advances of outside parties(Schedule - B)					27,31,835.00		27,76,616.00	
4.	Remittances and other accounts (Annexure - 4)					1,92,35,958.80		1,76,45,794.10	
5.	Sponsored programmes and other scheme (Schedule-E)					2,16,01,774.00		1,36,98,491.00	
6.	Advances to staff (Schedule-G)					15,99,267.00		17,05,871.00	
7.	Deposits and Advance (Schedule-H)					32,61,63,143.61		82,38,21,203.08	
8.	Investment (Schedule-I)					5,01,00,000.00		6,50,50,000.00	
	Closing balance: Cash on hand	68,072.67							
	Cash at Bank SB A/c 664	9,56,14,542.65							
	Due from ADIP Scheme	12,43,645.00				9,69,26,260.32		14,78,73,511.29	
<b>Total</b>						<b>1,12,58,15,271.73</b>		<b>1,49,82,85,161.67</b>	

  
**Accounts Officer**

  
**Administrative Officer**

  
**Director**

  
**For P. S. & Co.,**  
 Chartered Accountants  
  
**(P. Srinivasa)**  
**Proprietor. M. No: 025710**  
**Firm Reg. No: 0024975**

**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**  
**Details of Internal Revenues 2016-17**

**Annexure 1**

Sl No	Head of Account	Credits/Receipts	
		₹	P
1.	Admission Fee (Institute)	81,98,778.00	
2.	Admission Fee (Hostel)	6,75,255.00	
3.	Admission Fee(Pre-School)	13,700.00	
4.	Application Fee	18,10,214.13	
5.	Auction Sales	1,83,950.00	
6.	Certificate Fee - Cases	5,54,335.00	
7.	Certificate Fee - Students	9,50,095.00	
8.	Cochlear Implants	1,54,000.00	
9.	Consumables - Ear moulds	10,01,715.00	
10.	Consumables - Spares	10,77,638.00	
11.	Donations	5,000.00	
12.	Email/Internet Charges/computer Facility	24,400.00	
13.	Hearing Aid Dispensing Scheme	(18,19,492.00)	
14.	Infrastructure Assistance - ADIP	72,800.00	
15.	Infrastructure Assistance (RCI Prog)/ISHA/DST	6,03,914.00	
16.	Interest on SB Account	2,29,74,218.00	
17.	Interest on Advances to Staff	1,29,572.00	
18.	Interest on Investment - GPF/CPF	13,09,899.00	
19.	Library Membership/ Card Fee	8,876.00	
20.	Licence Fee from Quarters	298,926.00	
21.	Miscellaneous Income	13,96,123.00	
22.	Proceeds realized on buy back of old equipment	28,000.00	
23.	Registration Fees	5,57,750.00	
24.	Rent - Dharmashala	4,37,660.00	
25.	Rent - Guesthouse	6,22,050.00	
26.	Rent - Hostel	41,760.00	
27.	Rent(ATM Room/Xerox Room)	23,522.00	
28.	Sale of Journals/ Syllabus	2,62,779.00	
29.	Short Term Course /Orientation Fee	70,500.00	
30.	Summer /Dasara Camp fees	24,250.00	
31.	Technical Consultancy Services	1,56,385.00	
32.	Tender Form Fee	9,960.00	
33.	Therapy Charges	5,47,605.00	
34.	Vehicle Hire Charges	2,600.00	
35.	Water Charges	95,232.00	
<b>Total</b>		<b>4,25,03,969.13</b>	

  
**Accounts Officer**

  
**Administrative Officer**

  
**Director**

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



**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**Details of Salaries and Allowances - 2016 - 17**

**Annexure - 2**

Sl No	Expenditure	Non Plan		Plan		Total	
		₹	P.	₹	P.	₹	P.
1.	Children Educational Assistance	5,81,816.00		3,15,850.00		8,97,666.00	
2.	Leave Travel Concession	8,96,621.00		1,86,044.00		10,82,665.00	
3.	Salaries – Establishment	2,81,10,380.00		-		2,81,10,380.00	
4.	Salaries – Officers	5,50,51,786.00		2,99,33,164.00		8,49,84,950.00	
5.	Salaries (Contractual Staff)	28,17,830.00		1,24,99,475.00		1,53,17,305.00	
6.	EL Encashment – Establishment	44,406.00		-		44,406.00	
7.	EL Encashment – Officers	3,07,611.00		-		3,07,611.00	
<b>Total</b>		8,78,10,450.00		4,29,34,533.00		13,07,44,983.00	
Less Outstanding Expenses 2015-16		12,70,410.00		13,29,972.00		26,00,382.00	
<b>Total</b>		8,65,40,040.00		4,16,04,561.00		12,81,44,601.00	



Accounts Officer



Administrative Officer



Director



For P. S. & Co.,  
Chartered Accountants



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

# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Other Charges - 2016 - 17

### Annexure - 3

Sl No	Expenditure	Non Plan		Plan		Total	
		₹	P.	₹	P.	₹	P.
1.	Advertisement - Plan			62,60,679.00		62,60,679.00	
2.	Affiliation Fee - Plan			14,40,010.00		14,40,010.00	
3.	Anniversary Expenses	6,58,525.00				6,58,525.00	
4.	Audit Fee	13,674.00				13,674.00	
5.	Camp Expenditure	8,358.00				8,358.00	
6.	Consumable	12,76,911.00		1,56,04,709.00		1,68,81,620.00	
7.	Consumable (Software Programmes)			4,22,448.00		4,22,448.00	
8.	Consumable Ear mould	3,67,375.00		36,64,122.00		40,31,497.00	
9.	Consumables - Spares	11,33,348.00				11,33,348.00	
10.	Contingencies	3,58,208.00		9,00,436.00		12,58,644.00	
11.	Contingent Grant (JRF)	62,703.00				62,703.00	
12.	Development of Campus (Plan)			22,31,272.00		22,31,272.00	
13.	Electricity Charges	52,45,949.00		7,65,686.00		60,11,635.00	
14.	Entertainment	3,42,159.00				3,42,159.00	
15.	Grant-in-Aid - AIISH Gymkhana	50,000.00				50,000.00	
16.	Hospitality Charges			40,729.00		40,729.00	
17.	ISDN Connectivity Charges			72,88,010.00		72,88,010.00	
18.	Legal Charges	91,000.00				91,000.00	
19.	Liveries & Linen	8,600.00				8,600.00	
20.	Maintenance of Guest House	45,946.00				45,946.00	
21.	Maintenance of TE/OE	2,18,037.00		63,66,372.00		65,84,409.00	
22.	Maintenance of Buildings (ELE)	1,31,606.00		4,25,184.00		5,56,790.00	
23.	Maintenance of Buildings	41,92,381.00		22,60,371.00		64,52,752.00	
24.	Maintenance of Furniture	4,500.00				4,500.00	
25.	Maintenance of Garden	62,078.00				62,078.00	
26.	Maintenance of Vehicles	6,71,795.00				6,71,795.00	
27.	Open Day Celebration (P)			1,22,575.00		1,22,575.00	
28.	Photocopying Charges	19,236.00				19,236.00	
29.	Printing & Stationery	9,73,113.00		11,78,197.00		21,51,310.00	
30.	Postage	2,99,750.00				2,99,750.00	
31.	Publicity and Public Education (P)			22,08,031.00		22,08,031.00	
32.	Rent,Rate Taxes and Vehicle Insurance	1,21,548.00				1,21,548.00	
33.	Seminar & Symposia - P			11,20,967.00		11,20,967.00	
34.	Short Term Course Fee/Orientation Prog.(E)			5,050.00		5,050.00	
35.	Spares & Accessories - Plan			33,87,246.00		33,87,246.00	
36.	Subscriptions to Periodicals	69,536.00				69,536.00	
37.	Summer/Dasara Camp	26,500.00				26,500.00	
38.	Teaching Aids(Consumables)	56,558.00				56,558.00	
39.	Telephone Charges	4,05,579.00				4,05,579.00	
40.	VIP/Dignitaries	7,425.00				7,425.00	
41.	Wages	1,64,50,467.00				1,64,50,467.00	
42.	Water Charges(Expenses)	2,85,192.00				2,85,192.00	
<b>Total</b>		<b>3,36,58,057.00</b>		<b>5,56,92,094.00</b>		<b>8,93,50,151.00</b>	
Less Outstanding Liabilities 2015-16		<b>13,89,212.00</b>		<b>32,24,227.00</b>		<b>46,13,439.00</b>	
<b>Total</b>		<b>3,22,68,845.00</b>		<b>5,24,67,867.00</b>		<b>8,47,36,712.00</b>	

  
Accounts Officer

  
Administrative Officer

  
Director

  
For P. S. & Co.,  
Chartered Accountants

(P. Srinivasa)  
Proprietor. M. No: 025710  
Firm Reg. No: 0024975



# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Remittances and other Accounts - 2016 - 17

Annexure - 4

Sl No	Details	Payments		Receipts	
		₹	P.	₹	P.
1.	AIISH Gymkhana	3,17,440.00		3,24,320.00	
2.	Awards	811.00		25,398.00	
3.	Group Insurance Scheme A/c	1,620.00		1,620.00	
4.	Examination Fees	6,18,020.00		6,27,005.00	
5.	Examination Fees- DTYH/DHLS	25,650.00		55,650.00	
6.	Examination Remuneration	43,460.00		38,425.00	
7.	G.S.L.I.S. A/c	12,13,047.00		12,13,047.00	
8.	GPF/CPF - Deputationist	1,40,000.00		1,40,000.00	
9.	House Building Advance - Others	1,96,572.00		1,96,572.00	
10.	Income Tax	91,13,287.00		91,05,712.00	
11.	KGID	20,480.00		20,480.00	
12.	Labour Cess	1,02,150.00		1,02,150.00	
13.	LIC Premium	35,31,708.80		35,31,708.80	
14.	N.S.S.	8,078.00		8,078.00	
15.	Professional Tax	8,24,800.00		8,58,800.00	
16.	RD/CTD Recoveries and Paid	1,22,850.00		1,22,850.00	
17.	Royalties	23,761.00		23,761.00	
18.	Sales Tax	3,92,902.00		4,24,507.00	
19.	Suspense A/c	1,71,727.00		8,48,432.00	
20.	Unassessed Dues	10,000.00		20,000.00	
21.	Undisbursed Salaries	-		-	
22.	University of Mysore - Remittance	23,57,595.00		23,60,420.00	
Total		1,92,35,958.80		2,00,48,935.80	



Accounts Officer



Administrative Officer



Director


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

# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Funds - 2016 - 17

### Schedule A

Particulars	Contributory Provident Fund		General Provident Fund		AIISH Pension Fund		New Pension Scheme T-1		Total	
	₹	P.	₹	P.	₹	P.	₹	P.	₹	P.
Opening Balance as on 01.04.2016	10,23,627.00		6,12,04,437.00		35,08,23,370.45		10,07,012.00		41,40,58,446.45	
Receipts during the year:										-
Subscriptions/recoveries	85,692.00		1,43,90,210.00		-		46,65,105.00		1,91,41,007.00	
Institutes contribution	32,976.00				21,63,365.00		46,64,077.00		68,60,418.00	
Interest on subscription	19,722.00				-				19,722.00	
Interest on contribution	62,730.00		51,14,086.00		-				51,76,816.00	
Amount Transferred from Capital Fund Account					8,25,15,662.13				8,25,15,662.13	
Interest on Investment & Maturity value					1,60,53,171.00		15,182.00		1,60,68,353.00	
Amount transferred from Internal Revenues					4,25,03,969.13				4,25,03,969.13	
<b>Total Receipts</b>	<b>2,01,120.00</b>		<b>1,95,04,296.00</b>		<b>14,32,36,167.26</b>		<b>93,44,364.00</b>		<b>17,22,85,947.26</b>	
Payments during the year :										-
Final Payment/withdrawals/Advances	1,49,976.00		1,24,17,778.00						1,25,67,754.00	
Remitted to trustee Bank							93,31,540.00		93,31,540.00	
Payment of Gratuity					37,60,470.00				37,60,470.00	
Pension/Family Pension					2,35,53,254.00				2,35,53,254.00	
Commuted Value of Pension					30,93,402.00				30,93,402.00	
<b>Total Payments</b>	<b>1,49,976.00</b>		<b>1,24,17,778.00</b>		<b>3,04,07,126.00</b>		<b>93,31,540.00</b>		<b>5,23,06,420.00</b>	
Closing Balance as on 31.03.2017	10,74,771.00		6,82,90,955.00		46,36,52,411.71		10,19,836.00		53,40,37,973.71	

Accounts Officer

Administrative Officer

Director

For P. S. & Co.,  
Chartered Accountants



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



# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Deposits and Advances of Outside Parties - 2016 - 17

Schedule B

Sl No	Particulars	Opening Balance as on 01.04.2016		Receipts		Payments		Closing Balance as on 31.03.2017	
		₹	P.	₹	P.	₹	P.	₹	P.
1.	Caution Money Deposit	24,97,500.00		7,47,500.00		4,99,500.00		27,45,500.00	
2.	Contractors Security Deposit	20,80,122.00		6,08,189.00		12,51,184.00		14,37,127.00	
3.	Earnest Money Deposit	15,89,866.00		1,16,854.00		9,81,151.00		7,25,569.00	
4.	Endowment	2,25,799.00		1,00,000.00		0.00		3,25,799.00	
5.	Advance HADS	-		12,64,453.00		-		12,64,453.00	
6.	Cheques Issued and not presented to Bank Account	-		3,01,550.00		-		3,01,550.00	
<b>Total</b>		<b>63,93,287.00</b>		<b>31,38,546.00</b>		<b>27,31,835.00</b>		<b>67,99,998.00</b>	






**Accounts Officer**      **Administrative Officer**      **Director**      **For P. S. & Co.,**  
Chartered Accountants


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

# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Remittance Accounts - 2016 - 17

Schedule C

Sl No	Details	Opening Balance as on 01.04.2016		Receipts		Payments		Closing Balance as on 31.03.2017	
		₹	P.	₹	P.	₹	P.	₹	P.
1.	AIISH Gymkhana	370.00		3,24,320.00		3,17,440.00		7,250.00	
2.	Awards	39,807.09		25,398.00		811.00		64,394.09	
3.	GIS A/c			1,620.00		1,620.00			
4.	Examination Fees	8,500.00		6,27,005.00		6,18,020.00		17,485.00	
5.	Examination Fees- DTYH/DHLS			55,650.00		25,650.00		30,000.00	
6.	Examination Remuneration	22,571.00		38,425.00		43,460.00		17,536.00	
7.	G.S.L.I.S. A/c			12,13,047.00		12,13,047.00			
8.	GPF/CPF - Deputationist			1,40,000.00		1,40,000.00			
9.	House Building Advance - Others			1,96,572.00		1,96,572.00			
10.	Income Tax	9,640.00		91,05,712.00		91,13,287.00		2,065.00	
11.	KGID			20,480.00		20,480.00			
12.	Labour Cess			1,02,150.00		1,02,150.00			
13.	LIC Premium			35,31,708.80		35,31,708.80			
14.	N.S.S.	12,000.00		8,078.00		8,078.00		12,000.00	
15.	Professional Tax			8,58,800.00		8,24,800.00		34,000.00	
16.	RD/CTD Recoveries and Paid			1,22,850.00		1,22,850.00			
17.	Royalties			23,761.00		23,761.00			
18.	Sales Tax			4,24,507.00		3,92,902.00		31,605.00	
19.	Suspense A/c	1,46,727.00		8,48,432.00		1,71,727.00		8,23,432.00	
20.	Unassessed Dues	10,000.00		20,000.00		10,000.00		20,000.00	
21.	Undisbursed Salaries	25,750.00						25,750.00	
22.	University of Mysore Remittance	25,090.00		23,60,420.00		23,57,595.00		27,915.00	
<b>Grand Total</b>		<b>3,00,455.09</b>		<b>2,00,48,935.80</b>		<b>1,92,35,958.80</b>		<b>11,13,432.09</b>	






**Accounts Officer**      **Administrative Officer**      **Director**      **For P. S. & Co.,**  
Chartered Accountants


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

# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Other Liabilities - 2016 - 17

### Schedule D

Sl No	Particulars	Balance as on 01.04.2016		Debit		Credit		Closing Balance as on 31.03.2017	
		₹	P.	₹	P	₹	P.	₹	P
	<b>Non_Plan</b>								
8.	Children Education Allowance	3,09,188.00		3,09,188.00		2,97,583.00		2,97,583.00	
9.	Medical Charges	1,52,770.00		1,52,770.00		14,286.00		14,286.00	
10.	Other Charges	13,89,212.00		13,89,212.00		8,45,728.00		8,45,728.00	
11.	Payment to Professional Services	4,500.00		4,500.00		42,500.00		42,500.00	
12.	Salaries and allowances	7,45,359.00		7,45,359.00		65,10,084.00		65,10,084.00	
13.	Salaries Contract posts	2,15,863.00		2,15,863.00		2,55,483.00		2,55,483.00	
14.	Stipend/Scholarship	7,69,549.00		7,69,549.00		11,01,385.00		11,01,385.00	
15.	Travel Allowances	56,563.00		56,563.00		54,379.00		54,379.00	
	<b>Total</b>	<b>36,43,004.00</b>		<b>36,43,004.00</b>		<b>91,21,428.00</b>		<b>91,21,428.00</b>	
	<b>Plan</b>								
1.	Children Education Assistance	2,00,166.00		2,00,166.00		0.00		0.00	
2.	Completed Buildings	0.00		0.00		18,22,817.00		18,22,817.00	
3.	Computer/Peripherals	13,34,928.00		13,34,928.00		0.00		0.00	
4.	Furniture/Fixtures	22,900.00		22,900.00		0.00		0.00	
5.	Medical Charges	2,66,282.00		2,66,282.00		0.00		0.00	
6.	Office Equipment	57,929.00		57,929.00		0.00		0.00	
7.	Other Charges	32,24,227.00		32,24,227.00		304910.00		304910.00	
8.	Out Reach Service Centres	0.00		0.00		73,000.00		73,000.00	
9.	Salaries and Allowances	11,29,806.00		11,29,806.00		25,87,804.00		25,87,804.00	
10.	Salaries Contractual OBC(P)	0.00		0.00		11,46,936.00		11,46,936.00	
11.	Salaries Contractual Staff (Plan)	18,80,846.00		18,80,846.00		15,30,194.00		15,30,194.00	
12.	Salaries DHLS/NBS	9,53,156.00		9,53,156.00		10,74,744.00		10,74,744.00	
13.	Software Programme	1,66,373.00		1,66,373.00		0.00		0.00	
14.	Stipend/Scholarship	3,750.00		3,750.00		4,750.00		4,750.00	
15.	Survey of Communication Disorder	0.00		0.00		3,40,612.00		3,40,612.00	
16.	TA/DA (Plan)	0.00		0.00		1,09,635.00		1,09,635.00	
17.	Technical Equipment	25,84,022.00		25,84,022.00		41,145.00		41,145.00	
18.	Tube Wells and Water Supply	39,060.00		39,060.00		0.00		0.00	
	<b>Total</b>	<b>1,18,63,445.00</b>		<b>1,18,63,445.00</b>		<b>90,36,547.00</b>		<b>90,36,547.00</b>	
	<b>Total Liabilities</b>	<b>1,55,06,449.00</b>		<b>1,55,06,449.00</b>		<b>1,81,57,975.00</b>		<b>1,81,57,975.00</b>	

  
Accounts Officer

  
Administrative Officer

  
Director

  
For P. S. & Co.,  
Chartered Accountants



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



**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**  
**Sponsored Programmes and Other Schemes- 2016 - 17**

**Schedule E**

Sl No	Particulars	Balance as on 01.04.2016		Receipts		Payments		Closing Balance as on 31.03.2017	
		₹	P.	₹	P.	₹	P.	₹	P.
Sponsored Programmes :									
1.	DST Project - Cortical Auditory evoked potentials as measure of Central Auditory Development in Children with Hearing Impairment. (Dr Rajasudhakar)	1,40,739.00						1,40,739.00	
2.	DST Project - Development of Manual for Adult Non-Fluent and Fluent Aphasia Therapy in Hindi, English, Tamil, Malayalam, Telugu and Marathi, (Dr SP Gosami)	(1,43,356.00)		5,36,356.00		3,93,000.00		0.00	
3.	DST Project - Effect of Auditory Cognitive Training on Some auditory and Speech perception Skills in Individuals with Sensori – neural hearing loss (Dr Ajith Kumar U)	1,45,251.00				17,900.00		1,27,351.00	
4.	DST Project - Development of Speech Rhythm (FO) in Kannada speaking Children (Dr SR Savithri).	29,809.00		9,14,886.00		7,30,744.00		2,13,951.00	
5.	DST Project - Simple Reaction Time and P 300 measures as potentials indicators of Cognitive Linguistic Processing (Dr P Manjula)	46,747.00		3,00,000.00		2,47,487.00		99,260.00	
6.	DST Project - Auditory Multisensory Processing in Persons with stuttering (Dr Santhosh M)	91,226.00		5,50,000.00		6,35,596.00		5,630.00	
7.	DST Project - Feedback controls in Individuals with stuttering	49,082.00				49,082.00		0.00	
8.	DST Project - Cognitive Linguistic Abilities in Children with repaired Cleft Lip and Palate (Dr M Pushpavathi)	5,66,074.00				5,50,949.00		15,125.00	
9.	DST Project - Development and Validation of screening Tools to Identify learning disability (Dr.KS Prema )	48,836.00						48,836.00	
10.	DST Project -SERB Efficacy of Early Language Intervention (Dr M Pushpavathi)	13,29,379.00		1,00,000.00		12,41,541.00		1,87,838.00	
11.	DST Project - SERB-Effect of Personal Music System on Hearing (Dr Ajith Kuamr U)	(5,510.00)						-5,510.00	
12.	EEG Project International Seminar			12,18,718.00		6,22,090.00		5,96,628.00	
13.	ICMR Project - Association of Psycho Social and Communicative behaviour (Dr. K.C.Shyamala)	70,318.00		4,00,567.00		3,54,238.00		1,16,647.00	
14.	ICMR Project - Development of Battery for Cognitive Communication disorders in Kannade (BCC-K) (Dr SP Gosami)			4,79,556.00		3,16,355.00		1,63,201.00	
15.	ICMR Project - Development and standardization of High rist register (HRR) for Autism Spectrum disorders (ASD) in an Indian Population (Dr KC Shyamala)	81,475.00				34,014.00		47,461.00	
16.	CME Programme from MCI	37,398.00						37,398.00	
17.	Master's Trainers Programme under SSA	38,700.00						38,700.00	
18.	DBT Project - NASOSPEECH - Development of Diagnostic System for severity Assessment of the disorders in speech (Dr Ajish K Abraham)			10,45,000.00				10,45,000.00	
19.	National Programme POCD-Trg for Paediatrician & Obstetrics	3,357.00						3,357.00	
20.	NPPCD Programme (Gov. of Karnataka)			1,96,536.00		1,19,252.00		77,284.00	
21.	SERB Project -fMRI/ERP evidence for improvement in Audio-Visual integration in individuals with ANSD Post speech and reading training (Dr. Rajalakshmi K)			15,00,000.00				15,00,000.00	
22.	SSA Programme Lakshdweep	82,650.00						82,650.00	
23.	UGC Grant-Raman Post Doctoral Fellowship	(2,266.00)						-2,266.00	
Other Schemes:									
1.	AIISH Research Fund	6,88,15,217.77		2,00,00,000.00		1,11,96,007.00		7,76,19,210.77	
2.	Camp Organisers A/c	16,399.00						16,399.00	
3.	Clients Welfare Fund	1,30,59,966.30		25,01,900.00		50,93,519.00		1,04,68,347.30	
4.	AIISH Patient Block Fund	0.00		25,531.00		0.00		25,531.00	
Total		8,45,01,492.07		2,97,69,050.00		2,16,01,774.00		9,26,68,768.07	

Accounts Officer

Administrative Officer

Director

For P. S. & Co.,  
Chartered Accountants



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

# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Fixed and Other Assets

## Schedule F

Description		LIFE	Dep. Rate	GROSS BLOCK				DEPRECIATION				NET BLOCK			
				Cost / valuation as at beginning of the year	Additions during the year	Deductions during the year	Cost / valuation at the year-end	Accumulated Deprecition Upto 31.03.2015	Depreciation for the Year	On Deductions during the year	Total up to the Year-end	As at the Current year-end	As at the previous Year end		
				Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs.P.	Rs. P.	Rs. P.	Rs. P.		
1	LAND - LEASE HOLD		NA	-	-	-	-			-	-	-	-		
2	BUILDINGS	20	5%	3199,66,141.44	2157,51,269.00*	-	5357,17,410.44	1202,50,628.43	19,22,886.00	-	1221,73,514.43	4135,43,896.01	1997,15,513.01		
3	TECHNICAL EQUIPMENTS	10	10%	3225,16,714.71	115,74,486.00*	28,132.00	3340,63,068.71	1897,94,647.42	275,95,726.73	28,130.00	2173,62,244.15	1167,00,824.56	1327,22,067.29		
4	VECHICLES	15	6.67%	64,46,113.99	-	-	64,46,113.99	48,85,182.99	3,65,586.00	-	52,50,768.99	11,95,345.00	15,60,931.00		
5	FURNITURE & FIXTURES	10	10%	581,99,619.18	11,73,819.00	-	593,73,438.18	485,65,662.04	35,91,295.35	-	521,56,957.39	72,16,480.79	96,33,957.14		
6	OFFICE EQUIPMENTS	5	20%	755,16,552.45	24,09,566.00	-	779,26,118.45	675,57,010.38	58,67,899.39	-	734,24,909.77	45,01,208.68	79,59,542.07		
7	COMPUTER / PERIPHERALS	5	20%	472,57,120.98	19,23,966.00**	-	491,81,086.98	431,70,208.23	25,45,898.30	-	457,16,105.53	34,64,980.45	40,86,912.75		
8	SOFTWARE	5	20%	318,48,365.15	22,89,414.00	-	341,37,779.15	280,17,407.37	21,50,334.42	-	301,67,741.79	39,70,037.36	38,30,957.78		
9	ELECTRICAL INSTALLATIONS	10	10%	5,55,089.33	1,82,924.00	-	7,38,013.33	15,137.33	80,901.83	-	96,039.16	6,41,974.17	5,39,952.00		
10	LIBRARY BOOKS	20	5%	838,27,326.62	108,03,027.00	-	946,30,353.62	209,93,844.57	46,81,010.23	-	256,74,854.80	689,55,498.82	628,33,482.05		
11	TUBE WELLS & WATER SUPPLIERS	10	10%	4,81,665.00	2,29,587.00	-	7,11,252.00	1,65,628.00	56,463.50	-	2,22,091.50	4,89,160.50	3,16,037.00		
12	CAPITAL WORK IN PROGRESS			15,72,150.00	12,55,408.00	-	28,27,558.00	-	-	-	-	28,27,558.00	15,72,150.00		
TOTAL OF CURRENT YEAR				9481,86,858.85	2475,93,466.00	28,132.00	11957,52,192.85	5234,15,356.76	488,58,001.75	28,130.00	5722,45,228.51	6235,06,964.34	4247,71,502.09		

★ Included outstanding expenditure ₹ 18,22,817 and ₹ 21,00,55,933.00 transferred from CPWD Deposit.

\* Included outstanding expenditure ₹ 41,145.00

\*\* Included cost of item supplied on free of cost worth ₹ 3,85,167.00 and capitalised.

+ Represents cost of buy-back of old equipment and accumulated depreciation.

Accounts Officer

Administrative Officer

Director

For P. S. & Co.,  
Chartered Accountants



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



# ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Statement showing details of work in progress as on 31.3.2017

Schedule F 1

Sl. No.	Particulars	Opening Balance as on 01.04.2016		Expenditure 2016-17				Transferred to Closing balance as on 31.03.2017	
		₹	P.	Additions during the year 2016-17		Outstanding liability		Completed building	
		₹	P.	₹	P.	₹	P.	₹	P.
<b>I- Major :</b>									
1	Conceptual drawing for proposed Museum	7,40,000.00				-		-	7,40,000.00
2	Construction of Bank building (Civil Work)	-		12,44,758.00					12,44,758.00
	Construction of Bank building (Electrical Work)	-		10,650.00					10,650.00
	<b>Sub Total</b>	<b>7,40,000.00</b>		<b>12,55,408.00</b>		<b>-</b>		<b>-</b>	<b>19,95,408.00</b>
<b>II - Minor :</b>									
1	Providing water supply and UG drainage facility at New Gents Hostel/VIP guest house	8,32,150.00		-		-		-	8,32,150.00
	<b>Total</b>	<b>15,72,150.00</b>		<b>12,55,408.00</b>		<b>-</b>		<b>-</b>	<b>28,27,558.00</b>



Accounts Officer



Administrative Officer



Director


  
For P. S. & Co.,  
Chartered Accountants


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

**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**Advances to Staff 2016-17**

**Schedule G**

Sl.No.	Particulars	Balance as on 01.04.2016	Additions / Debits	Recoveries / Credits	Balance as on 31.03.2017
	<b>A. INTEREST BEARING ADVANCES</b>	<b>₹ P.</b>	<b>₹ P.</b>	<b>₹ P.</b>	<b>₹ P.</b>
2	Motor Car Advance	1,06,400.00	-	9,600.00	96,800.00
3	Scooter Advance	2,40,000.00	60,000.00	1,37,000.00	1,63,000.00
4	Personal Computer Advance	7,43,000.00	60,000.00	2,99,100.00	5,03,900.00
	<b>Total A</b>	<b>10,89,400.00</b>	<b>1,20,000.00</b>	<b>4,45,700.00</b>	<b>7,63,700.00</b>
	<b>B. INTEREST FREE ADVANCES</b>				
1	Cycle Advance	750.00	-	750.00	0.00
2	Festival Advance	1,06,800.00	2,47,950.00	2,35,350.00	1,19,400.00
3	LTC Advance		8,33,450.00	7,91,250.00	42,200.00
4	Medical Advance	58,474.00	20,000.00	78,474.00	0.00
5	TA Advance	2,27,680.00	3,69,867.00	3,97,441.51	2,00,105.49
6	Salary Advance	1,00,000.00	8,000.00	1,08,000.00	0.00
	<b>Total B</b>	<b>4,93,704.00</b>	<b>14,79,267.00</b>	<b>16,11,265.51</b>	<b>3,61,705.49</b>
	<b>Total of A &amp; B</b>	<b>15,83,104.00</b>	<b>15,99,267.00</b>	<b>20,56,965.51</b>	<b>11,25,405.49</b>



**Accounts Officer**



**Administrative Officer**



**Director**

  
**For P. S. & Co.,**  
Chartered Accountants



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



## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

## Sundry Debtors for Deposits and Advance - 2016-17

## Schedule H

Sl No	Particulars	Opening Balance as on 01.04.2016 ₹ P.	Debits/ Payments ₹ P.	Credits/ Withdrawals ₹ P.	Closing Balance as on 31.03.2017 ₹ P.
A. Permanent					
1.	Karnataka Power Transmission Corporation Ltd(3MMD)	4,97,340.00			4,97,340.00
2.	Deposit with BSNL	55,940.00		2,815.00	53,125.00
3.	M/s Little Gas Co Kitchen Equipment System	23,500.00			23,500.00
4.	Deposit with KPTCL	8,53,296.00			8,53,296.00
B. Temporary					
5.	Deputy Controller of Accounts Dept of Supplies	3,693.11			3,693.11
6.	SB A/c No 675 with Bank of Baroda-Pension Fund	90,39,763.97	8,30,21,537.48	8,04,57,958.00	1,16,03,343.45
7.	SB A/c No 518 with Bank of Baroda-NPS T-1	7,55,175.00	93,72,405.00	93,83,937.00	7,43,643.00
8.	SB A/c No 651 with Bank of Baroda- GPF/CPF	1,16,75,280.00	2,01,18,839.00	1,28,88,293.00	1,89,05,826.00
9.	SB A/c No 2221 with Bank of Baroda-UG A/c	19,20,083.35	15,24,483.13		34,44,566.48
10.	SB A/c No 2222 with Bank of Baroda-PG A/c	9,69,978.13	44,07,836.00	10,98,250.00	42,79,564.13
11.	SB A/c No 2811 with Bank of Baroda-Patient Block		25,531.00		25,531.00
12.	Advances – Suppliers	1,79,95,640.95	76,92,512.00	56,30,792.00	2,00,57,360.95
13.	Short Term Fixed Deposit with Bank	20,00,00,000.00			20,00,00,000.00
14.	Deposit with CPWD	81,72,66,000.00	20,00,00,000.00	21,00,55,933.00	80,72,10,067.00
15.	Deposit with MCC UGD Link	19,00,000.00			19,00,000.00
Total		106,29,55,690.51	32,61,63,143.61	31,95,17,978.00	106,96,00,856.12

Accounts Officer

Administrative Officer

Director

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

**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**Investments - 2016-17**

**Schedule I**

Particulars	Balance as on 01.04.2016		Additions/ Payments		Realisation/ Receipts		Closing Balance as on 31.03.2017	
	₹	P.	₹	P.	₹	P.	₹	P.
<b>A. General Provident Fund/ Contributory Provident Fund :</b>								
Fixed Deposits with Bank Of Baroda	5,25,00,000.00						5,25,00,000.00	
<b>B. Pension Fund :</b>								
Fixed Deposit with Bank Of Baroda	27,75,00,000.00		5,00,00,000.00				32,75,00,000.00	
<b>C. Others</b>								
Fixed Deposit with Bank of Baroda	5,00,00,000.00						5,00,00,000.00	
<b>D. Endowment Funds</b>								
Fixed Deposit with Bank of Baroda								
a) Mother of the Year Award - Dr. Prathibha Karanth	10,000.00						10,000.00	
b) Award - Dr. Venkateshamurthy	50,000.00						50,000.00	
c) Abhilasha Award - Smt Indira Kumari	10,000.00						10,000.00	
d) Award - Friends Organisations.	50,000.00						50,000.00	
e) Award - Dr Vijayalakshmi B	50,000.00						50,000.00	
f) Award - Ms R Rajalakshmi	50,000.00						50,000.00	
g) Award - Smt TV Alamelu			50,000.00				50,000.00	
h) Award - Dr R Sundar			50,000.00				50,000.00	
<b>Total</b>	<b>38,02,20,000.00</b>		<b>5,01,00,000.00</b>				<b>-</b>	<b>43,03,20,000.00</b>



**Accounts Officer**



**Administrative Officer**



**Director**

**For P. S. & Co.,**  
Chartered Accountants



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



**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**  
**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)**  
**Balance Sheet as on 31st March 2017**

Schedule J

Liabilities	Amount				Assets	Amount			
	Current Year		Previous Year.			Current Year		Previous Year	
	₹	P.	₹	P.		₹	P.	₹	P.
Capital Fund									
Opening Balance	(9,17,590.64)				Closing stock of hearing aids	-		1,37,205.00	
Less : Excess of expenditure over income									
transferred from Income & Expenditure .a/c	<u>1,53,271.00</u>	(10,70,861.64)	(9,17,590.64)		Cash at Bank	1,72,783.36		1,16,734.36	
Amount due to AIISH	12,43,645.00		11,71,530.00						
Total	1,72,783.36		2,53,939.36		Total	1,72,783.36		2,53,939.36	



Accounts Officer



Administrative Officer



Director

  
**For P. S. & Co.,**  
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**(P. Srinivasa)**  
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**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)**

**Income and Expenditure account for the year ended 31st March 2017**

Schedule J 1

Expenditure	Amount				Income	Amount			
	Current year		Previous Year			Current year		Previous Year	
	₹	P.	₹	P.		₹	P.	₹	P.
Expenditure on purchase of hearing aids and solar batteries :									
Opening stock	1,37,205.00					-		-	
Add: Purchases 2016-17	<u>NIL</u>				Interest on SB A/c	56,049.00		1,90,199.00	
	1,37,205.00							-	
Less: Closing stock	<u>NIL</u>		67,29,355.00		Proceeds on sale of Hearing Aids	1,835.00		9,020.00	
		1,37,205.00							
Fitment charges		72,800.00	3,72,000.00		Excess of expenditure over income transferred to Balance Sheet	1,53,271.00		69,03,276.00	
Audit fee		1,150.00	1,140.00						
Total		2,11,155.00	71,02,495.00		Total	2,11,155.00		71,02,495.00	



**Accounts Officer**



**Administrative Officer**



**Director**



**For P. S. & Co.,**  
Chartered Accountants



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



**ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006**

**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)**

**Receipts and Payments account for the year ended 31st March 2017**

Schedule J 2

Receipts	Amount			Payments	Amount		
	₹ P.	Current year ₹ P.	Previous yr. ₹ P.		₹ P.	Current Year ₹ P.	Previous Yr ₹ P.
SB A/c. with SBI		1,16,734.36		Purchase of Hearing Aids		-	47,80,215.00
Less: Amount due to AIISH		<u>11,71,530.00</u>	(10,54,795.64)	Infrastructural assistance and			
Proceeds on Sale of Hearing aids		1,835.00	9,020.00	fitment charges		72,800.00	3,72,000.00
Interest on SB A/c		56,049.00	1,90,199.00	Audit Fee		1,150.00	1,140.00
				<b>Closing Balance</b>			
				SB A/c. with SBI		1,72,783.36	
				Less Amount due to AIISH		12,43,645.00	(10,70,861.64)
						(10,70,861.64)	(10,54,795.64)
<b>Total</b>		<b>(9,96,911.64)</b>	<b>40,98,559.36</b>	<b>Total</b>		<b>(9,96,911.64)</b>	<b>40,98,559.36</b>



Accounts Officer



Administrative Officer



Director

For P. S. & Co.,  
Chartered Accountants



(P. Srinivasa)  
Proprietor. M. No: 025710  
Firm Reg. No: 0024975

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

### Notes forming integral part of the financial statements for the year ended 31<sup>st</sup> March 2017

#### **A. Significant accounting policies:**

1. Fixed Assets are recorded at cost of acquisition or construction, less accumulated depreciation.
2. Depreciation:  
Depreciation on fixed assets has been provided during the year on the basis of estimated life of assets on straight line method.
3. Accounting policies not specifically referred hereinbefore are otherwise in compliance with generally accepted accounting policies.
4. Income on investment is accounted for on the basis of right to receive
5. Investment are carried at cost
6. Particulars of income or expenditure of prior period credited or debited to the profit and loss account are NIL



**Accounts Officer**



**Administrative Officer**



**Director**

  
**For P. S. & Co.,**  
Chartered Accountants  


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



CA. Srinivasa P.  
B.Com., LL.B., F.C.A.

**P. S. & Co.,**  
Chartered Accountants  
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Mysore - 570 024.



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## AUDITOR'S REPORT

### THE MEMBERS ALL INDIA INSTITUTE OF SPEECH AND HEARING MYSORE

We have audited the attached Balance sheet of **ALL INDIA INSTITUTE OF SPEECH AND HEARING** as on 31<sup>st</sup> March 2017 and the Income and Expenditure Account for the year ended that date. These financial statements are the responsibility of the society's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

Further to the above, we report that:

1. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
2. The Balance Sheet and Income and Expenditure Account dealt with by this report, are in agreement with the books of accounts maintained by the Institute.
3. In our opinion and to the best of our information and according to the explanations given to us, the said accounts subject to the observations set out in the Annexure, annexed hereto, which is an integral part of this report, give a true and fair view:
  - i. In the case of the Balance Sheet, of the state of affairs of the society as at 31<sup>st</sup> March 2017, and;
  - ii. In the case of the Income and Expenditure Account of the Excess of Income over Expenditure of the Society for the year ended 31<sup>st</sup> March 2017.

Place: Mysuru  
Date: 26<sup>th</sup> July 2017



**For P. S. & Co.,**  
Chartered Accountants

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

## ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU - 570 006

### Replies to observations of Audit on the Accounts of the Institute

for the year ended 31.03.2017

(Referred to in Para (3) of Audit report dated 26<sup>th</sup> July 2017)

Sl No	Observations of the Chartered Accountants	Replies
01.	The following sponsored Programmes (Schedule E) are showing Debit Balance and there are no transaction during the year (a) DST Project – SERB-Effects of personal Music system ₹ 5,510.00 (b) UGC Grant-Raman Post Doctoral Fellowship ₹ 2,266.00	Matter is under pursuation with the concerned sponsoring agency and will be settled on receipt of grants.
02.	Fixed Assets Schedule : The Value of fixed assets as per schedule is not matching with the item wise assets. Depreciation is calculated on the straight line method, for additions during the year depreciation is calculated @ the normal applicable rate for assets acquired before September 2016 and @ 50% of applicable rate for additions made after September 2016.	Will be looked into and reconciled.



Accounts Officer



Administrative Officer



Director

  
**For P. S. & Co.,**  
Chartered Accountants  


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



# Organogram

