



Annual Report

2018-19



All India Institute of Speech and Hearing

Annual Report 2018-19



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

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Contents

Institute Profile	1
Foreword	3
The Year at a Glance	5
News 2018-19	7
Learning and Teaching	14
Research	58
Clinical Care	104
Outreach Services	119
Public Education	128
Extracurricular Activities	134
Official Language Implementation	141
Awards and Honours	144
Other Activities and Events	151
Five-year Key Statistics	161
Administration	164
Financial Statements	166
Organogram	196

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 9001-2015 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

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

Foreword



I am happy to share the 54th annual report of the Institute which outlines our activities, achievements and progress during the year 2018-19. The report also provides an overview of our financial results for the year.

It was a privilege for me to take up the role of Director of this prestigious Institute in October 2018 succeeding Prof. S.R. Savithri who had led the Institute since 2011. I appreciate and acknowledge Prof. Savithri's eight years of hard work and dedication as the Director of the Institute. I also extend my gratitude to the other staff members who superannuated in 2018-19 for their valuable contributions and support towards the progress of the Institute.

Over this past year, the Institute continued to enhance, strengthen, and advance teaching and learning, research, clinical care and public education pertaining to communication disorders. The highlights of the year include Workshop on Speech Processing for Voice, Speech and Hearing Disorders, a satellite event of Inter-speech 2018, supported by the International Speech Communication Association, which brought together more than 50 researchers from 12 countries working in the areas of speech, language, hearing disorders and speech processing. The year also witnessed the launch of a number of new systems, facilities and services such as Eye-tracking Lab, Central Computer Centre with state-of-the art technologies, Illumina MiSeq Next Generation Sequencer, Equipment for Vestibular System Evaluation, Grammarly Writing Support Tool and events like Graduation Day, Summer Camp for Children with Special Needs, Institute Annual Day and International Day of Persons with Disabilities.

It is a matter of proud that we offered 16 long-term training programmes ranging from diploma to post-doctorates in the past year and continued to recruit exceptionally talented and diverse students by conducting national level entrance examinations and based on the merit obtained in the qualifying examinations. In addition, we organized 296 orientation/ short-term training programmes and 29 conferences and workshops on various aspects of communication disorders and thousands of persons from across the country benefitted from them.

Our academics undertook a broad range of exciting research pertaining to the field of communication disorders and allied areas. Seventy two funded research projects were initiated/ ongoing/ completed in different departments of the Institute with the funding from the Govt. of India agencies like Department of Science and Technology, Indian Council of Medical Research

and University Grants Commission in addition to the Institute funding. Also our scholars published 91 scientific papers in reputed peer-reviewed journals and presented 139 papers in national and international conferences. In addition to these, they had contributed to the field by way of delivering guest lectures, serving various scientific committees and peer-reviewing scientific papers for journals and conferences and writing professional books and book chapters.

It is very gratifying to report that during 2018-19 we served more than 70,000 persons with communication disorders from across the country and many of them availed specialized clinical services. In addition, we delivered tele-intervention services for persons from remote areas and provided pre-school services for children with special needs.

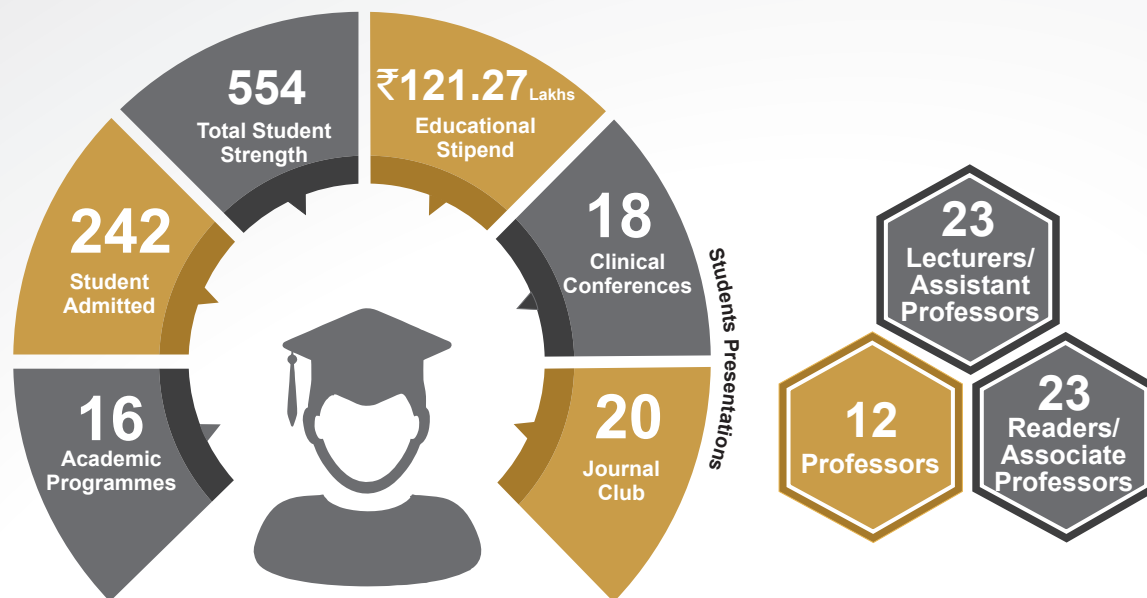
As you will learn from this report, the Institute made remarkable progress in its outreach services during the past year by opening two newborn screening centres at Bhagalpur, Bihar and Lucknow, U.P. , and the 6th Outreach Service Centre of the Institute at Kalaburagi, Karnataka. Shri. Ashwini Kumar Choubey, Hon. Union Minister of State for Health and Family Welfare, Govt. of India inaugurated the Kalaburagi Outreach Service Centre on 3rd February 2019. A record number of 40734 neonates across the country were screened for communication disorders during the year.

Our faculty, staff and students continued to shine with many awards bestowed during the year. Sixty of them received Best Scientific Paper Presentation Award in national and international conferences, Dr. Animesh Barman, Professor in Audiology, received Padmashree Prof. S. Rameswaran Endowment Oration Award, myself received the Rais Ahmed Memorial Lecture Award and Braithwaite's Oration Award and Dr. S.Venkatesan, Professor in Clinical Psychology and Dr. Alok Kumar Upadhyay, Associate Professor in Special Education were honored for the service they rendered in their respective field. In addition, the Institute bagged Karyalaya Jyothismrithichinna Puraskar for the best execution of Official Language.

I am deeply grateful for the ongoing hard work and dedication of the Institute staff and students who I know will join me in carrying out the mission and vision of the Institute. It is together that we will achieve the greatest success in changing lives of persons with communication disorders. Not least, my sincere thanks to our Executive Council, Finance and Academic Sub-Committees for all their guidance and support.

Sincerely,
Dr. M. Pushpavathi
Director

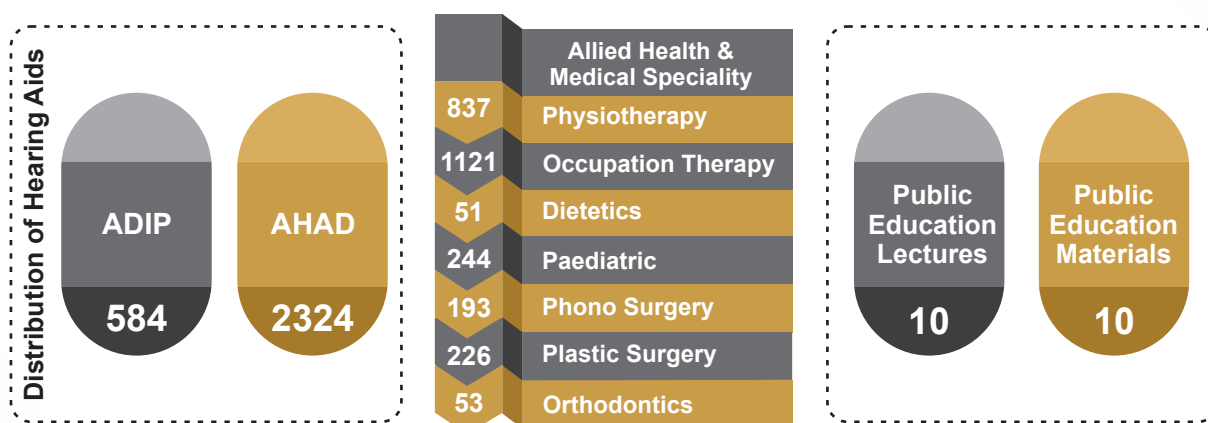
The year at a glance



Invited Talks Delivered by Faculty & Staff **203**

Extramural Research Projects		Intramural/ Plan Fund Research Projects	
Ongoing	08	Ongoing	22
New	03	New	23
Completed	01	Completed	12





Infant Screening at Mysuru City Hospitals/Outreach Service Centres/ Newborn Screening Centers: **55666**; Industrial Screening: **304**; School Screening: **4076**; Communication Disorder Screening Campus: **08**; Clinical Cases at Outreach Service Centres: **2136**; Tele Rehabilitation: **72**, Itinerant service at School: **24**.



NEWS 2018-2019

Swachh Bharath Fortnight

The Institute observed Swachhta Bharath Fortnight from 1st to 15th April 2018. Dr. S.R. Savithri, Director, AIISH inaugurated the event by opening an e-Poster on Swachh Bharat Drive. On the occasion, a special cleaning drive of the building premises

was carried out by involving the staff members and students and a Swachhta Bharath awareness programme was organized for the patients and caregivers staying in kuteera hostel. Also, weeding of old records, a massive cleaning drive of the public roads adjacent to the institute campus and dissemination of information on the importance of cleanliness and personal hygiene among the staff, students and general public were done. A drawing competition on the theme 'Swachh Bharath' was held for the pre-school children and their parents. Ms. Vandana Jain, Joint Secretary (IFD), Ministry of Health & Family Welfare, Government of India, inaugurated the competition.



Illumina Miseq Equipment



Ms. Vandana Jain, Joint Secretary (IFD), Government of India, Ministry of Health & Family Welfare, New Delhi, inaugurated the Illumina MiSeq equipment in the Unit for Human Genetics, Department of Speech-language Sciences on 9th April 2018. Miseq is an integrated instrument that performs clonal amplification, genomic DNA sequencing, and data analysis with base calling, alignment, variant calling, and reporting in a single run.

Pre-school Graduation Day

Graduation Day was held for the children with special needs attached to the Pre-school, Department of Special Education on 27th April, 2018. Dr. K.R.Ramesh, Assistant Director, Sri Chamarajendra Zoological Gardens, Mysuru was the chief guest and Dr. S.R. Savithri, Director, AIISH presided over the function. Totally, 78 children got graduated and among them, 65 (83%) were main-streamed and the remaining 13 (17%) were recommended for partial integration with special support service.



Summer Camp for the Children with Special Needs



'Besige Bandi', a one-month summer camp was conducted for the children with special needs in the month of May 2018. Dr. S.R Savithri, Director, AIISH inaugurated the camp on 1st May by 'flagging of' the toy train made by the special educators of the department. Totally, 100 children attended the camp. Among them, 91 were special children and nine typically developing children. There were sessions on yoga, wushu, kitchen music, dance, drama and

craft. The special educators of the department along with eminent resource persons from outside the Institute served as resource persons. Apart from the regular sessions three field trips were also arranged as a part of the camp.

53rd Institute Annual Day

The Institute celebrated its 53rd Institute Annual Day on 9th August 2018. Sri. Kapil Mohan, Director General, Administrative Training Institute, Mysuru and Shri. V.S Basavaraju, State Commissioner for Persons with Disabilities, Bengaluru, were the guests for the inaugural function and Prof. S. R. Savithri, Director, AIISH presided. Smt. Bhagirathi Bai Kadam, Director, Rangayana and Smt. Vaishnavi Gangubai Hanagal, Hindustani Classical



Musician, were the guests for cultural programme held in the evening. Launching of new facilities and releases of annual report, survey report on communication disorders and new-born screening card were carried out by the dignitaries on occasion. Also, the employees who completed 25 years, Ph.D awardees, meritorious students, retired employees were felicitated and AIISHian of the Year award presented.



Eye-tracking Lab

An eye-tracking lab with high precision equipment for eye-tracking that can generate focus maps, heat maps and eye trails and an equipment for vestibular system evaluation was opened in the Department of Speech-Language Pathology. Shri. Kapil Mohan, Director General, Administrative Training Institute, Mysuru inaugurated the facility on 9th August 2018.

Equipment for Vestibular System Evaluation



Department of Audiology has added a state of the art subjective visual vertical test equipment for the diagnosis of vestibular disorders. Shri. V. S Basavaraju, State Commissioner for Persons with Disabilities, Bengaluru inaugurated the facility on 9th August 2018.

Central Computer Centre



The existing Internet Browsing Centre was expanded and upgraded with advanced facilities to function as a central computer centre of the Institute. The Computer Centre has the facility to serve the computing requirements of 50 users simultaneously. Sri. Kapil Mohan, Director General, Administrative Training Institute, Mysuru inaugurated the centre on 9th August 2018.

International Workshop on Speech Processing for Voice, Speech and Hearing Disorders

Workshop on Speech Processing for Voice, Speech and Hearing Disorders (WSPD 2018), a satellite event of Inter-speech 2018 was held at the Institute on 8th and 9th September 2018. The workshop was supported by the International Speech



Communication Association and coordinated by Prof. S R Mahadeva Prasanna, Dean, Indian Institute of Technology, Dharwad and Dr. Ajish K Abraham, Professor of Electronics and Acoustics, AIISH. Prof. Rainer Martin Ruhr-University, Bochum, Germany and Prof. Kris Demuyne, Data Science Lab, Ghent University, Belgium were the keynote speakers. More than 50 researchers from 12 countries working in the areas of speech, language, hearing disorders and speech processing attended the workshop.



Newborn Screening Centres

The Institute opened two Newborn Screening Centres (NBS) at the Jawaharlal Nehru Medical College, Bhagalpur, Bihar and Kings George's Medical University Hospital, Lucknow, U.P. during the reporting year. Mr. Basavaraju V. S., State Commissioner for Persons with Disability, Bengaluru inaugurated the centres on 9th August 2018.

Swachhta Drive - 'Swachhta Hi Sewa'

The Institute observed 'Swachhta Hi Sewa' the swachhta drive from 15th September to 2nd October 2018. Dr. Asha Yathiraj, the Director In-charge, inaugurated the event and administered pledge to the staff and students on cleanliness. The message on importance and necessity of general cleanliness was communicated among the Institute community via email and by displaying posters in prominent places. Activities like storm water cleaning drive, essay writing and quiz competition for preschool children and their parents, weeding of old files and records, creation of public awareness and massive cleaning of the public roads were carried out as a part of the event.

World Cerebral Palsy Day

The World cerebral palsy day was observed at the Institute on 5th October 2018 under the aegis of the Special Clinic for Motor Speech Disorders, Dept. of Speech-

Language Pathology and the Department of Prevention of Communication Disorders with the objective of generating awareness among the general public regarding the disorder. Dr. Jayashree Shanbal, Head, Department of Speech-Language Pathology welcomed the gathering and Dr. Swapna, Chairperson, MSD special clinic enlightened the gathering about the purpose of celebration



of the day. Mr. Vivek, Computer Network Administrator, Swamy Vivekananda Youth Movement, Sarguru and a person with cerebral palsy was the chief guest of the function. Mr. Vivek spoke on challenges faced through his life consequent to cerebral palsy. An orientation programme for the village rehabilitation workers and multi-speciality rehabilitation workers was organized as a part of the event. About 185 rehabilitation workers attended the orientation programme. In addition, an interaction session was arranged between Mr. Vivek, the chief guest and his family with the parents of children with cerebral palsy.

Appointment of New Director

Dr. M. Pushpavathi, Professor, Department of Speech-Language Pathology and Head, Department of Special Education took over as the Director of the Institute on 17th October 2018. Dr. M. Pushpavathi succeeded Dr. S. R. Savithri as the director.



Sensitization Programme on Occupational Noise Induced Hearing Loss and its Prevention

A sensitization programme on Occupational Noise induced hearing loss and its prevention was conducted by the Department of Prevention of Communication Disorders on 19th October 2018. A total of 125 personnel were oriented on occupational noise induced hearing loss and its preventive measures.



Free Hearing Aid Repair and Service Camp

The Institute organized a free hearing aid repair and service camp under the aegis of the Department of Electronics from 26th to 30th November 2018. About 108 body level hearing aids and 664 BTE hearing aids of different makes were repaired free of cost in the camp. The spares required for repair were also issued free of cost. Experts from five hearing aid companies, Arphi, Chennai, Donavax, Bangalore, Amplifone, Mumbai, Oticon, Mumbai and Alps, Bangalore participated in the camp.



Graduation Day

The institute conducted its Graduation Day- 2018 on 15th December 2018 in the Seminar hall, Knowledge park, Naimisham campus. Prof. T. D. Kemparaju, Hon'ble Vice Chancellor, Bangalore North University delivered the graduation day address. Prof. J. Shashidhara Prasad, Former Vice Chancellor, Mysore University presented the gold medals for academic excellence. Prof. R. Rangasayee,



Chair, Audiology Committee, International Association of Logopedic and Phoniatrics led the graduates to take their oath. Prof. M. Pushpavathi, Director, AIISH presided. Certificates were awarded to 100 outgoing graduate, post-graduate and doctoral students in the field of speech and hearing. Eight students received gold medals for their outstanding academic excellence.

International Day for Persons with Disabilities

The Institute observed the International Day for Persons with Disabilities on 20th December 2018. On this occasion, a public function for the parents/ caregivers and their children attending therapy and preschool services was organized jointly by the Department of Clinical Services and the Department of Special Education. Mr. K.



H. Jagadeesha, Commissioner, Mysuru City Corporation, Mysuru was the chief guest and Mr. B. Elangovan, Principal, JSS Polytechnic for the Differentially Abled, the guest of honour. Dr. M. Pushpavathi, Director presided over. The special achievers Ms. Sandhya, Mr. Raghu T., Ms. Spoorthy B. S. and Mr. Dilip Kumar R. were felicitated and Smt. Aysha M, mother of Master Muhammed Rabeeh and Muhammed Lahal Shaad, the children diagnosed with intellectual disabilities was presented the best mother of the year 2018 award.

New Outreach Service Centre

The Institute opened its 6th outreach service center at Gulbarga Institute of Medical Sciences, Kalburgi, Karnataka. Shri. Ashwini Kumar Choubey, Hon. Union Minister of State, Ministry of Health and Family Welfare, Govt. of India inaugurated the center on 3rd February 2019 through online mode from the Institute. The Institute signed a memorandum of understanding with the Gulbarga Institute of Medical Sciences in this regard.



World Hearing Day

The World Hearing Day was celebrated at the Institute from 4th to 6th March 2019 under the aegis of the Department of Prevention of Communication disorders. A free hearing screening camp for children below 6 years was conducted as a part of event in the Department of POCD and Ninos Nest Preschool and Day Care, Kuvempu Nagar, Mysore. A total of 256 children underwent screening in the camp. Also, programmes like radio talk, print and digital media publicity, short-movie competition etc. were carried out.

All India Annual NBS Coordinators Meet

The First All India Annual NBS Coordinators Meet was held on 28th February 2019 in online mode. Dr. M. Pushpavathi, Director AIISH, Mysuru chaired the meeting. Dr. Swapna N., Overall Coordinator of NBS Centres and Associate Professor & HOD, POCD, representatives from the nine NBS Centres of the Institute across the country and others attended the meeting.

AIISH AAWAAZ

AIISH AAWAAZ, the annual inter-collegiate cultural festival was conducted on 16th and 17th March 2019. Shri. Sriharsha, well-known singer from Mysuru was the chief guest of the valedictory function held on 17th evening and Dr. M. Pushpavati, Director, AIISH presided. A host of cultural and literary competitions were held as a part of the event. The JSS Institute of Speech and Hearing, Mysuru won the overall trophy.



Learning and Teaching

Academic Programmes offered

The institute offered 16 academic programmes ranging from diploma to post-doctorates during the reporting year. Of these, Diploma in Hearing, Language and Speech (DHLS) was offered at seven centres across the country and classes were delivered from the institute through video conferencing. The programmes offered had the recognition of the Rehabilitation Council of India/University of Mysore. The details are given in table 1.

Table 1: Academic Programmes Offered

Programme	Duration	No. of Seats	Affiliation/Recognition
Diploma in Hearing Aid & Ear mould Technology (DHA&ET)	1 yr	25	RCI
Diploma in Early Childhood Special Education-Hearing Impairment [DECSE(HI)]	1 yr	25	RCI
Diploma in Hearing, Language and Speech (DHLS)	1 yr	175**	RCI
Bachelors in Audiology and Speech-Language Pathology (B.ASLP)	4 yrs	62	UOM/RCI
Bachelor of Education-Special Education –Hearing Impairment, [B.Ed- Sp.Ed. (HI)]	2 yrs	20	UOM/RCI
Postgraduate Diploma in Forensic Speech Sciences & Technology (PGDFSST)	1 yr	20	UOM
Postgraduate Diploma in Clinical Linguistics (Speech-Language Pathology) (PGDCL-SLP)	1 yr	20	UOM
Postgraduate Diploma in Neuro-Audiology (PGDNA)	1 yr	20	UOM
Postgraduate Diploma in Augmentative and Alternative Communication (PGDAAC)	1 yr	20	UOM/RCI
Master of Science (Speech-Language Pathology) (M.Sc. SLP)	2 yrs	40	UOM/RCI
Master of Science (Audiology) (M.Sc. Aud)	2 yrs	40	UOM/RCI
Master of Education-Special Education Hearing Impairment [M.Ed- Sp.Ed. (HI)]	2 yrs	20	UOM/RCI
Doctor of Philosophy (Ph.D.) (Audiology)	3 yrs	8	UOM
Doctor of Philosophy (Ph.D.) (Speech-Language Pathology)	3 yrs	8	UOM
Doctor of Philosophy (Ph.D.) (Speech & Hearing)	3 yrs	4	UOM
Postdoctoral Degree	2 yrs	2	UOM

* Vary from year to year;

** Total seats in 7 centres; UOM=University of Mysore; RCI=Rehabilitation Council of India

Admission and Enrolment

National level entrance examinations were conducted to admit students to Bachelor in Audiology and Speech-Language Pathology (B.ASLP), M. Ed (Special Education), M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology) programmes on 26th May 2018 in different parts of the country. Totally, 2260 candidates appeared for the B.ASLP, eight for M.Ed, 383 for M.Sc. (Audiology) and 293 for M.Sc. (Speech-Language Pathology) Entrance Examinations. Admission to the Diploma, and Bachelor of Special Education programmes were done based on the merit obtained in the qualifying examinations and to the doctoral programmes based on the entrance examination conducted by the University of Mysore, Mysuru. The total number of students admitted to various programmes during the reporting year was 242. The details are given in table 2.

Table 2: Student Admission

Sl.No.	Name of the Programme	No. of Students admitted
1	DHLS	58
	a. JLNMC, Bhagalpur	5
	b. KGMU, Lucknow	13
	c. RMLH, Delhi	13
	d. AIIPMR, Mumbai	5
	e. AIISH, Mysuru	9
	f. JLNMC, Ajmer	10
	g. IGMIC, Shimla	3
2	DHA & ET	08
3	DECSE (HI)	07
4	B.ASLP	59
5	B.Ed. Spl. Ed. (HI)	06
6	M.Sc. (Aud)	40
7	M.Sc. (SLP)	40
8	Ph.D. (Aud)	10
9	Ph.D. (SLP)	12
10	Ph.D. (Sp & Hg)	02
	Total	242

Student Strength

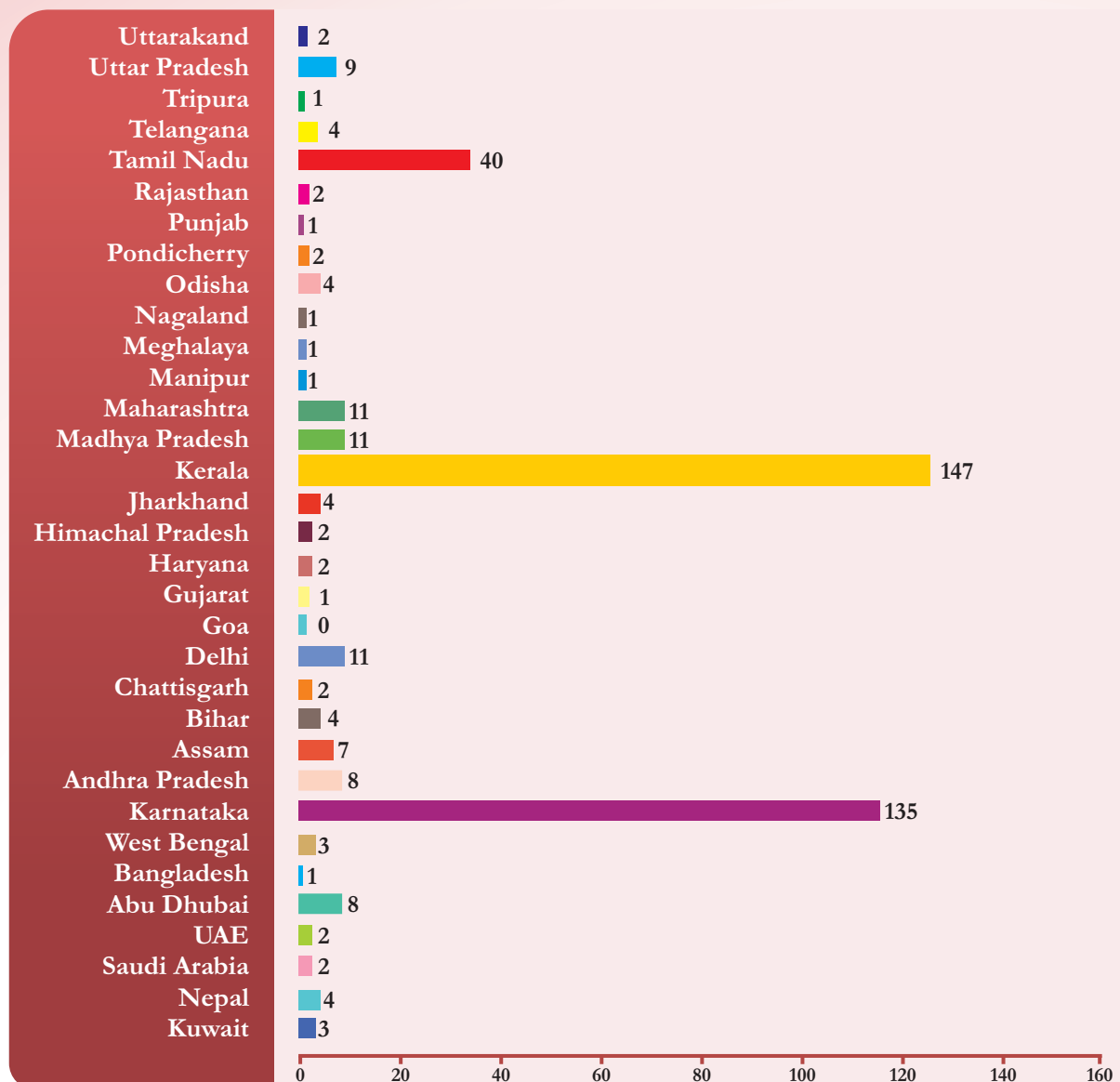
Totally, 554 students were studying for various programmes at the end of the reporting year as detailed in the Table 3. Also, there were students from different parts of the country and abroad, the details of which are given in figure 1.

Table 3: Student Strength

Sl.No.	Name of the programme	Number of students	Total
1.	B.ASLP/B.Sc. (Sp.&Hg.)	I year 59 II year - 56 III year - 62 Internship - 61	238
2.	B.Ed.Spl.Ed.(HI)	I year - 06 II year - 06	12
3.	M. Sc. (Aud)	I year - 40 II year - 40	80
4.	M. Sc. (SLP)	I year - 40 II year - 40	80
5.	DHLS	58	58
6.	DHA&ET	8	8
7.	DECSE (HI)	7	7
8.	Ph.D. (Aud) - JRF - In-service - External	24 5 4	33
9.	Ph.D. (SLP) - JRF - In-service - External	30 3 3	36
10.	Ph.D. (Sp. & Hg.) - External	2	2
		TOTAL	554



Figure 1: Country/State/UT-wise distribution of students



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), 98% in B.Sc. (Sp. & Hg) and 85 % in B.S.Ed (HI) examinations. The details are given in table 4.

Table 4: Academic Performance

Sl.No.	Name of the Exam	Number of students attended	Number of students passed	Pass percentage
1.	B.Sc. (Sp. & Hg)	61	60	98.36
2.	B.S.Ed. (HI)	07	06	85.71
3.	M.Sc. (Aud)	36	36	100
4.	M.Sc. (SLP)	33	33	100

Internship

Sixty-one students underwent internship training programme in clinical settings in hospitals and medical organizations under the National Programme for the Prevention and Control of Communication Disorders (NPPCD) and AIISH DHLS centers across the country. They were also posted in the Department of Clinical Services and different special clinics of the Institute. The details of the hospitals and medical organizations where the students underwent training are given below.

1. District Hospital, Shimoga, Karnataka
2. District Hospital, Dharwad, Karnataka
3. District Hospital, Udupi, Karnataka
4. District Hospital, Chikmagalur, Karnataka
5. District Hospital, Hubli, Karnataka
6. District Hospital, Belagavi, Karnataka
7. District Hospital, Mandya, Karnataka
8. District Hospital, Tumkur, Karnataka
9. District Hospital, Haveri, Sagara, Shimoga, Karnataka
10. District Hospital, Pondicherry, Pondicherry
11. District Hospital, Lucknow, Uttar Pradesh
12. District Hospital, Jabalpur, Madhya Pradesh
13. District Hospital, Ranchi, Jharkhand
14. District Hospital, Ajmer, Rajasthan
15. District Hospital, Guwahati, Assam
16. District Hospital, Delhi
17. District Hospital, Calicut, Kerala



Educational Stipend

The institute provided educational stipend and fellowship to all the eligible students pursuing various academic programmes and distributed a total amount of Rs. 121.27 lakhs during the reporting year. The details are given in table 5.

Table 5: Educational Stipend

Sl. No.	Programme	Monthly Stipend (Rs.)
1	B.ASLP	800
2	B.Sc. (Sp. & Hg.) Internship	5,000 *
3	M. Sc. (Aud.)	1,300
4	M. Sc. (SLP)	1,300
5	B. Ed. Spl. Ed. (HI)	400
6	PG Diploma	500
7	DHLS	250
8	DECSE(HI)	250
9	DHAET	250
10	Ph.D	I year – 20,000 +20% HRA II year – 22,000 +20% HRA III year – 25,000 +20% HRA
11	Post Doctoral Fellowship	35,000 + HRA 50,000 (contingency) p.a

* Rs. 6,000/- in N.E. states; Rs. 5,500/- in states with NRHM

Student Placement

The placement cell of the Institute 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 graduated and 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.

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 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, 20 scientific papers published in the international peer-reviewed journals on communication and its disorders and 18 clinical cases attended at the Institute were discussed during the journal club and clinical conferences held during the reporting year. The details of the journal club papers discussed during the reporting year are given in the table 6.

Table 6: Journal Club Presentation

Scientific paper	Presenters	Date
Delivering word retrieval therapies for people with aphasia I: A virtual communication environment	Binusha S, Vasa Kota Bramara Hima Bindh, Pauline Gracia R V, Anju R	23.08.2018
Higher Asymmetric Ratio and Refixation of Saccades in Individuals with Motion Sickness.	Ravinder Thakur, Sarga K, Madhumanti Chakraborty & Tanuja M N	30.08.2018
Mirror neuron system based therapy for aphasia rehabilitation.	Monika Tetwal, Hina Khan, Apoorva Pant and Anuroopa Swamyamand.	06.09.2018
Validation of DPOAE screening conducted by village health workers in a rural community with real-time click evoked teleauditory brainstem response.	Hannah Thomas, Kristi Kaveri Dutta, Divya Chauhan, Md. Basih Thaha T	20.09.2018
Relationship between laryngeal sensory deficits, aspiration, and pneumonia in patients with dysphagia	Neeraj Sunil, Nayana K S Karat, Akshaya Krishnan, Muhammed Nadeer Musthafa	27.09.2018
Initial results of a safety and feasibility study of auditory brainstem implantation in congenitally deaf children	Ajith Kumar M, Sachin B, Aishwarya G, Rohith V S	04.10.2018

Nonword repetition and phoneme elision in adults who do and do not stutter: Vocal versus nonvocal performance differences.	Nayanika Ghosh, Aswathy A S, Sarah Elsa Abraham, Riddhi Wadhwa	11.10.2018
Immediate passage comprehension and encoding of information into long-term memory in children with normal hearing: The effect of voice quality and multitalker babble noise	Christy Sebastin, Aneena K, Chethana P, Rajwinder Kaur	03.01.2019
Infants adapt to speaking rate differences in word segmentation.	Fathima Nida, Jasper Priences V, Gayathri, Ankitha S	10.01.2019
Factors affecting sound-source localization in children with simultaneous or sequential bilateral cochlear implants.	Kalaiyaran, Layamol T.P, Megha Nigam and Merina Thomas	17.01.2019
A preliminary investigation into hearing aid fitting based on automated real-ear measurements integrated in the fitting software: test-retest reliability, matching accuracy and perceptual outcomes.	Rakesh T. Kumar, Ashique C., Aparna Ravi, Sushma C.	24.01.2019
Eye tracking reveals abnormal visual preference for geometric images as an early biomarker of an autism spectrum disorder subtype associated with increased symptom severity. Society of Biological Psychiatry.	Sreerenth S Viswan, Sudharshana S, Rishisha Lynghoi, Neha Yadav	31.01.2019
Similar within-utterance loci of dysfluency in acquired neurogenic and persistent developmental stuttering.	Swaliha Shahama K, Devi Vijayalakshmi V, Reshma O, Sashirekha N	15.02.2019
The 678 Hz acoustic immittance probe tone: a more definitive indicator of PET than the traditional 226 Hz method.	Anagha, Krupa, Prajwal, Srividya	21.02.2019
Impact of motor speech intervention on neural activity in children with Speech sound disorders: Use of Magnetoencephalography.	Sundareswari Pon, Syeda Sameera Taj, Delna Dominic, Parinika K M	28.02.2019
Differences in word and phoneme recognition in quiet, sentence recognition in noise, and subjective outcomes between manufacturer first-fit and hearing aids programmed to NAL-NL2 using real-ear measures.	Akhil Shrivastava, Nivedha Rao, Ranjini Durai, Swati Goyal	07.03.2019
Cross-linguistic differences in the size of the infant vowel space.	Divya, Sabin Sharma Duwadi, Archana U, Roja Rani M	14.03.2019
Temporal sensitivity measured shortly after cochlear implantation predicts 6 month speech recognition outcome	Hemashree, ManjuM., MohanapriyaR.	15.03.2019
Effect of three semi-occluded vocal tract therapy programmes on the phonation of patients with dysphonia: lip trill, water-resistance therapy and straw phonation.	Sivaranjini P, Sweekriti P N, Prasanna S, Kranti Acharya	21.03.2019
Objective test of cochlear dead region: Electro-physiologic approach using acoustic change complex.	Augustina Noel, Kribhaharan, Shreyas Ram and Gowthamvarma.S	22.03.2019

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

1. Broca's aphasia secondary to stroke
2. Spoken language disorder secondary to hearing loss and intellectual disability
3. Neoplastic aphasia
4. Vascular lesions of vocal folds
5. Mystery of 4Khz ABG and tactile sensation at low frequencies in audiogram
6. Spoken language disorder secondary to cerebral palsy with mild intellectual disability
7. Differential diagnosis of auditory processing disorder
8. Speech sound disorder with hearing loss (sloping Audiogram configuration)
9. Audio-vestibular findings in an adult female with Arnold Chiari Malformation Type 1
10. Primary progressive aphasia
11. Mild hoarse voice
12. Benign paroxysmal positional vertigo
13. Auditory neuropathy spectrum disorder
14. Tinnitus
15. Mild harsh voice
16. Hyperacusis
17. Vocal fold paralysis secondary to spine surgery
18. Reoccurrence of BPPV post treatment in an aged individual



Student Enrichment and Expansion of Knowledge (SEEK Gyan) Programme

With an objective of providing the opportunity for the students to seek knowledge and experience on global approach towards assessment and management of communication disorders, SEEK Gyan Programme was introduced in the year 2016-17. Totally, five such programmes were conducted during the reporting year as detailed in table 7.

Table 7: SEEK Gyan Programme

Topic	Resource Person	No. of Participants	Date
Neuro Imaging in Communication Sciences and Disorders - First Session	Dr. Hia Datta, Assistant Professor and Undergraduate Director, Department of Communication Sciences and Disorders, Molloy College, USA	45	04.04.2018
Neuro Imaging in Communication Sciences and Disorders- second session	Dr. Hia Datta, Assistant Professor and Undergraduate Director, Department of Communication Sciences and Disorders, Molloy College, USA	65	11.04.2018
Transgender Voice	Mr. Chandan Saha Audiologist and Speech Language Pathologist, Decibel hearing clinic, Kolkata	41	05.10.2018
Autism Intervention Methods- Evidence based Practices	Dr. Maria Grace Theresa, Paediatric Speech- Language Pathologist, AsterKIND, Kochi Kerala	49	19.02.2019
Symbolic Play and Cognitive- Linguistic Development	Dr. Ramya Maitreyee, Research Assistant, Psychological Sciences, University of Liverpool, USA	82	21.03.2019



Faculty

The experienced and well qualified teachers of the institute were engaged in teaching and mentoring the students. They also supported learners in every possible manner. The institute had a faculty strength of 58 numbers during the reporting year which includes 41 regular and 17 contract staff. Category-wise, there were 12 Professors, 10 Associate Professors, 13 Readers and 23 Assistant Professors.

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

Sl.No.	Topic	Resource Person	Date
1.	Scientific writing	Dr. Sreedevi H.S, Consultant Audiologist, Townsville Hospital, Townsville, Australia	23.12.2018
2.	Pragmatic skills in autism	Mrs. Rajashree Rangaratnam Speech Pathologist	16.11.2018
3.	Pre-reading skill development in young children Scope of speech & hearing profession in school set up	Ms. Neha Tiwari Speech Pathologist	14.02.2019
4.	Research perspectives in speech and voice evaluation	Dr. David Eddins, Professor in Communication Sciences and Disorders, University of South Florida, Tampa, Florida, USA	11.02.2019
5.	Supporting intentional communication in children with autism	Dr. Shubha Kashinath, Associate Professor and Chair Communicative Sciences and Disorders, California State University, East Bay, USA	16.07.2018
6.	Overview of sample size estimation in quantitative studies (webinar)	Dr. Sumanth M. M, Community Medicine, MMC & RI	31.01.2019
7.	Thera Konnect software for tele-practice (webinar)	Ms. Prathiksha Mehtha Gupta, Director, Commway Speech and Hearing Services Bangalore	28.02.2019

In-house 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, 69 in-house training / Staff enrichment programmes were carried during the reporting year on the following topics:

1. AAC devices
2. Digital Neural Network (DNN) and its applications
3. SMI Eye-Tracking
4. VitalStim Plus
5. Management of developmental verbal apraxia
6. Articulograph Ag501
7. High resolution Manometry
8. Flexible Endoscopy Examination of swallowing (FEES)
9. 8 channel surface electromyography & Stim Tracker
10. Transgender voice
11. Autism intervention methods- evidence based practices
12. Symbolic play and cognitive-linguistic development
13. Functional classification system in cerebral palsy
14. Effectiveness of vocal therapy for the elderly when applying conventional and intensive approaches: A randomized clinical trial
15. Management of problem behaviours in children with communication disorders
16. Communication Impairment in Parkinson's Disease: Impact of Motor and Cognitive Symptoms on Speech and Language
17. Listening Skills in Counselling –An Indian perspective
18. Multidisciplinary team-based class room assessment and management of language based learning disability
19. GRF 2017 rules and GEM procedure
20. Data acquisition, review and analysis using EGI equipment.
21. Fluke thermal infrared camera.
22. Thermal imaging
23. Photo Editing
24. Technical issues related to Designing
25. Common Errors in Technical Writing
26. Development and analysis of a low cost screening tool to identify and classify hearing loss in children
27. Characterization of newborn hearing screening failures in multi- gestational births
28. Hearing impairment and its risk factors by newborn screening
29. High risk factors associated with early childhood hearing loss
30. Newborn hearing screening failure and maternal factors during pregnancy

31. Case history risk factors for specific language impairment
32. Effect of gentamycin and levels of ambient sound on hearing screening outcomes in the neonatal intensive care unit
33. Infant Diagnostic evaluation via tele-audiology following Newborns Screening
34. Recovery of abnormal ABR in neonates and infants at risk of hearing loss
35. Current developmental, issues. Challenges of Universal newborn hearing screening
36. Analysis of risk factors associated with unilateral hearing loss in children who initially passed newborn hearing screening
37. Cleft of Lip and Palate
38. Voice care of special educators
39. Dysphagia
40. Augmentative and alternative communication
41. Learning disability
42. Stuttering, characteristic & guidelines to teachers
43. Cochlear implant
44. Behaviour management
45. Solution focused Approaches in education
46. Test for Pre-academic skills
47. Cochlear implant
48. Habit Disorders
49. Paradigms of learning disability
50. Psychodynamics surrounding the diagnosis of a child's deafness
51. Psychosocial services to Deaf Individuals
52. Attention Deficit Hyperactive Disorder
53. Positive Psychology
54. Cognitive remediation in children with dyslexia
55. Using thresholds in noise to identify hidden hearing loss in humans
56. Wireless accessories
57. Fully implantable cochlear implant



58. 3D Virtualis
59. B81 Bone vibrator
60. Ear Check middle ear analyzer
61. Oticon OPM system
62. Livio AI hearing aid
63. Mastoidectomy and tympanoplasty with G/A
64. Autoclaving Procedure
65. Positioning the child for Micro
66. Washing and Maintaining the Suctions apparatus
67. Cleanliness of the Department Consultation Rooms
68. Disposal of bio-medical waste
69. Cochlear implantation surgeries and observation .

Orientation Programme

The institute conducted 296 orientation and short-term training programmes on various aspects of communication and its disorders. More than Eight thousand persons including speech and hearing and allied professionals, doctors, students, researchers, lawyers, forensic scientists, anganwadi workers, educators, family members and care givers of persons with communication disorders, parents of children with special needs from all over the country benefitted from these programmes.

Conferences/Seminars/Workshops

Totally, 29 conferences/seminars/training/workshops were organized by different Departments of the institute during the reporting year. The details are given below.

1. Workshop on Programming of cochlear Implants, organised by the Department of Audiology under the coordination of Dr. Asha Yathiraj & Mr. Antony on 28th April 2018.



2. National Workshop on Educating the Educator, organised by the Department of Speech-Language Sciences under the coordination of Dr. Santosh M. from 10th to 11th May 2018.
3. Workshop on Recent Advances in the Management of Stuttering, organised by the Department of Speech Language Pathology under the coordination of Dr. Anjana B. Ram & Mr. Mahesh B.V.M. on 12th July 2018.
4. Workshop on Safe and Effective Utilisation of ICT, organized by the Department of Electronics under the coordination of Mr. Manohar N. on 28th July 2018.
5. Seminar on Psychological Perspectives of Children and Adolescence with Neurodevelopmental Disorder, organised by the Department of Clinical Psychology under the coordination of Dr. Amrita Kanchan & Dr. Sanjeev Kumar Gupta from 30th to 31st August 2018.
6. International Workshop on Speech Processing for Voice, Speech and Hearing Disorders, organized by the Department of Electronics under the coordination of Dr. Ajish K. Abraham from 8th to 9th September 2018.
7. Workshop on Fine tuning of digital hearing aids-For individuals with hearing impairment, organised by the Department of Audiology under the coordination of Dr. Ramadevi on 27th September 2018.
8. Workshop on Development & Creation of E-platform for FAQ's on Communication Disorders, organised by the Department of POCD under the coordination of Dr. N. Swapna from 6th to 11th October 2018.
9. Workshop on Standardization of Terminologies used for Clinical Diagnosis in Speech disorders, organised by the Department of Clinical Services under the coordination of Dr. R. Gopi Sankar on 26th October 2018.
10. Workshop on Electronic Information Resources, organised by the Library Information Centre under the coordination of Dr. Shijith Kumar C on 2nd July, 26th October and 30th October 2018.
11. Workshop on Anatomy of Temporal Bone and Cadaveric Dissection, organised by the Department of ENT under the coordination of Dr. H. Sundara Raju, on 24th November 2018.
12. Workshop on Simple Hand Drawings, organised by the Department of Material Development under the coordination of Dr. Vasantha Lakshmi M.S & Ms. Kavitha N. on 30th November 2018.
13. National Workshop on Systematic Reviews and Meta-analysis, organised by the Department of Speech-Language Sciences under the coordination of Dr. Santosh M. on 8th December 2018.
14. Workshop on Listening Skills in Counselling : An Indian Perspective, organised by the Department of Clinical Psychology under the coordination of Dr. S. Venkatesan, Mr. Hariharan, V. & Dr. Yashodharakumar G.Y. on 28th December 2018
15. Workshop on Multidisciplinary Team Classroom based Assessment of Language Based

- Learning Disability, organised by the Department of Speech Language Pathology under the coordination of Dr. Jayashree C Shanbal from 8th to 9th January 2019.
16. Clinical based Training of Speech-Language Pathologists in the Rehabilitation of Cleft Lip and Palate, organised by the Department of Speech Language Pathology under the coordination of Dr. Gopikishore Pebbili & Mr. Mahesh B. V. M. from 10th to 11th January 2019.
 17. Workshop on Ageing and Elderly Care in Communication Disorders: Strategic Guidelines, organised by the Department of POCD from 10 to 11 January 2019.
 18. Regional Seminar on Employment and Vocational Training: Epitome of Rehabilitation of Persons with Communication Disorders, organised by the Department of Special Education under the coordination of Dr. P. Manjula, Dr. Prithi Venkatesh, Dr. G. Malar, Ms. Lakshmi Prabha J.K & Mr. Rajkumar from 10th to 11th January 2019.
 19. National Workshop on Recent Trends in Assessment and Management of Speech Sound Disorders, organised by the Department of Clinical Services under the coordination of Dr. N. Sreedevi & Ms Prathima S. on 28th January 2019.
 20. National Seminar on Need for measuring outcome in cochlear implant, organised by the Department of Audiology under the coordination of Dr. Asha Yathiraj, Dr. Devi. N, Dr. Chandni Jain, Dr. C. Geetha, Ms. Megha, Ms. Jyothi & Mr. Antony from 11th to 13th February 2019.
 21. National Seminar on Candidacy and Mapping Issues in Cochlear Anomalies and Cochlear Nerve Defects, organised by the Department of Audiology under the coordination of Dr. Asha Yathiraj, Dr. Devi. N, Dr. Chandni Jain, Dr. C. Geetha, Ms. Megha, Ms. Jyothi & Mr. Antony from 11th to 13th February 2019.
 22. National workshop on Listening training for individuals with hearing impairment, organised by the Department of Audiology under the coordination of Dr. Asha Yathiraj, Dr. Devi. N, Dr. Chandni Jain, Dr. C. Geetha, Ms. Megha, Ms. Jyothi & Mr. Antony from 11th to 13th February 2019.
 23. National Seminar-cum-Workshop on Importance of Yoga in the Education of Children with Special Needs, organized by the Department of Special Education under the coordination of Dr. Alok Kumar Upadhyay, Dr. Palnaty Vijetha , Ms. P.V. Ramanakumari & Ms. P.V. Manjula from 12th to 14th February 2019.
 24. Workshop on Ear Mould Technology, organised by the Department of Audiology under the coordination of Dr. Devi. N & Mr. Vivek A. from 13th to 14th February 2019.
 25. Workshop on Noise: Its Measurement and Control, organized by the Department of Electronics under the coordination of Mr. Manohar N. on 13th Feb 2019.
 26. Workshop on Recent Advances in Visualization of Vocal folds, organised by the Department of Speech Language Sciences under the coordination of Dr. Santosh M. on 23rd February 2019.
 27. National Workshop on Neuro-imaging in Communication Sciences and Disorders, organised by the Department of Speech Language Sciences under the coordination of Dr. Santosh M. on 23rd March 2019.

28. Workshop on Academic Writing, organized by the Library Information Centre under the coordination of Dr. Shijith Kumar C. on 27th March 2019.
29. Workshop on Recent Advancements and Practices of Indian Sign Language in a Clinical Setup, organised by the Department of Clinical Services under the coordination Dr. N. Sangeetha M & Ms. Rubby from 29th to 30th March 2019.

Invited Talks delivered by the Faculty and Staff

Dr. Pushpavathi M, Director

- Keynote address delivered at Workshop on Speech Processing for Voice, Speech and Hearing (WSPD), AIISH, Mysuru on 8th September 2018.
- Effect on early Language intervention on the Maternal measures of toddlers with repaired cleft palate. Lecture delivered at the National Women Science Congress, University of Mysuru, 10th November 2018.
- Acoustic characteristics of speech and persons with Cleft Lip and Palate. Rais Ahmed Memorial Lecture delivered at the WESPAC 2018, CSIR-NPL, New Delhi, 11th November 2018.
- Cleft Lip and Palate. Keynote address delivered at the National Seminar on Clinical Based Training of Speech Language Pathologists in the Rehabilitation of Cleft Lip and Palate, 10th January 2019.
- Early intervention for children with cleft lip and palate and role of parents. Braithwaite's Oration lecture delivered at the Indian Society of Cleft Lip Palate and Craniofacial Anomalies Conference, Varanasi, 8th February 2019.

Dr. Asha Yathiraj, Professor of Audiology

- Training Children with (C) APD. Lecture delivered at AUDISHCON 2018, Dr. S. R. Chandrashekar Institute of Speech & Hearing, Bengaluru, 29th September 2018.
- Decision on early referral for Cochlear Implants in those with congenital neonatal hearing loss at Mysuru, 18th November 2018.
- Candidacy for cochlear implant in children. Lecture delivered at the National Seminar on Candidacy and Mapping Issues in Cochlear Anomalies and Cochlear Nerve Defects, AIISH, Mysuru, 11th February 2019.
- Mapping issues in special cases. Lecture delivered at the National Seminar on Candidacy and Mapping Issues in Cochlear Anomalies and Cochlear Nerve Defects, AIISH, Mysuru, 11th February 2019.
- Need for measuring outcome in cochlear implant. Lecture delivered at the National Seminar on Outcome Measures of Cochlear Implant, AIISH, Mysuru, 12th February 2019.

- Pre-requisites and strategies for listening training. Lecture delivered at the National Seminar on Listening Training for Individuals with Hearing Impairment, AIISH, Mysuru, 13th February 2019.
- Hearing and Cognition. Lecture delivered at the National Conference on Cognition, Hearing and Speech-Language Processing. JSS Institute of Speech and Hearing, Mysuru from 1st and 2nd March 2019.
- Sharing precious time and experience with NSS. Lecture delivered at the National Service Scheme, AIISH, Mysuru, 25th March 2019.

Dr. S. Venkatesan, Professor of Clinical Psychology

- Parenting challenges and issues. Lecture delivered at the Orientation Programme on Parenting Challenges and Issues in Families of Children with Neurodevelopmental Disorders, organized by AIISH, Mysuru, 5th April 2018.
- Behavioral approach to management of children with communication disorders in classroom/school settings. Lectures-cum-practical demonstration, organized by AIISH, Mysuru, 5th and 12th July 2018.
- Review of literature. Lecture delivered for the research scholars organized by the Department of PG Studies in Psychology, University of Mysore, Mysuru, 21st July 2018.
- Stress management. Lecture delivered at the UGC sponsored Induction Programme organized by the National Institute of Engineering, Mysuru, 7th and 16th August 2018.
- Basics of child development. Lecture delivered for students of PG Diploma in child counseling at Manasa Education Foundation for Mental Health, Bharatiya Vidya Bhavan, Bangalore, 25th August 2018.
- Psychological issues of adolescents with neurodevelopmental disorders. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neurodevelopmental Disorders, organized by AIISH, Mysuru, 30th-31st August 2018.
- Physical/sexual abuse & legal issues in children & adolescent with neurodevelopmental disorders. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neurodevelopmental Disorders, organized by AIISH, Mysuru, 30th-31st August 2018.
- Clinical psychology: Then, now and what next? Lecture-cum-interaction session with 35 UG students pursuing major as Psychology Honors from Christ University, Bengaluru, 31st August 2018.
- Intellectual disability: Contemporary trends and issues. Lecture-cum-Interactive Session to PG and Pre-Doctoral Students in Rehabilitation Psychology, Organized by the National Institute for the Empowerment of Persons with Intellectual Disabilities (Divyangjan), Manovikasnagar, Secunderabad, 11th September 2018.
- Inclusive Education: Scope, challenges and possibilities. Lecture delivered to KVS teachers deputed by Zonal Institute of Education and Training, Mysore, MHRD, Government of India, organized by AIISH, Mysuru on 25th September 2019.

- Active learning session I: Theoretical foundations. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, organized by AIISH, Mysuru, 14th December 2018.
- Active learning session V: Behaviour reduction techniques. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, organized by the AIISH, Mysuru, 14th December 2018.
- Management of children with learning disability: A psychologist's perspective. Lecture delivered at the National Workshop on Multidisciplinary Team-based Classroom Assessment and Management of Language Based Learning Disability, organized by AIISH, Mysuru, 9th January 2019.
- Psychosocial facilities for successful work rehabilitation and employment. Lecture delivered at the Regional Seminar on Employment and Vocational Training: Epitome of Rehabilitation for Persons with Communication Disorders, organized by AIISH, Mysuru, 10th January 2019.
- Towards better health care: BREECHing social and religious barriers. Lecture delivered at the National Seminar on Ageing and Elderly Care on Communication Disorders: Strategic Guidelines, organized by AIISH, Mysuru, 10th January 2019.
- Academic problems in school children: An overview. Lecture delivered at the Orientation Programme on Enhancing Academic Skills of Primary School Going Children in School, organized by AIISH, Mysuru, 22nd February 2019.
- Academic problems in school children: Frequently asked questions. Lecture delivered at the Orientation Programme on Enhancing Academic Skills of Primary School Going Children in School, organized by AIISH, Mysuru, 22nd February 2019.

Dr. P. Manjula, Professor of Audiology

- Candidacy for cochlear implant in adults. Lecture delivered at the National Seminar on Candidacy and Mapping Issues in Cochlear Anomalies and Cochlear Nerve Defects, AIISH, Mysuru, 11th February 2019.



- Overview on mapping cochlear implant. Lecture delivered at the National Seminar on Candidacy and Mapping Issues in Cochlear Anomalies and Cochlear Nerve Defects, AIISH, Mysuru, 11th February 2019.

Dr. Ajish K. Abraham, Professor of Electronics

- Research problems in speech processing for communication disorders. Lecture delivered at the School of Computing, National University of Singapore on 23rd November 2018.
- Research problems in signal processing in hearing aids. Lecture delivered at the Indian Institute Mandi, Himachal Pradesh, 18th December 2019.
- Care and maintenance of audiology equipments. Lecture delivered at National Institute of Speech and Hearing, Thiruvananthapuram on 29th January 2019.
- Technology for enhancing of children with hearing impairment. Keynote address delivered at the Annual Conference of the National Council of Educators for the Deaf 2019, Sathyabhama Institute of Science and Technology, Chennai on 30th January 2019.
- Keynote address delivered at the National Conference on Recent Advances in rehabilitation strategies-neuro socio psycho dento-facial linguistic & hearing impairment, Rayat Bahra University, Chandigarh, 1st March 2019.
- Calibration and sound level meter measurements for audiologists. Lecture delivered at M.V. Shetty College of Speech & Hearing, Mangaluru, 9th March 2019.

Dr. Animesh Barman, Professor of Audiology

- Structure of the B.ASLP Programme. Lecture delivered at the Orientation Programme for the B.ASLP students on 29th June 2018.
- Speech and hearing profession. Lecture delivered at the Orientation Programme for the B.ASLP students on 29th June 2018.

Dr. Ajith Kumar U, Professor of Audiology

- Issues related to hostel. Lecture delivered at the Orientation Programme for the B.ASLP Students on 29th June 2018.

Dr. N. Sreedevi, Professor of Speech Sciences

- Articulatory and acoustic characteristics of speech sounds in disordered population. Lecture delivered at the WSPD, AIISH, Mysuru, 9th September 2018.
- Recent advances in phonological assessment with a focus on Indian context. Lecture delivered at the SPECTRUMCON, Manipal Academy of Higher Education, Manipal, 11th September 2018.
- Co-articulation: Types, effect, research in Indian context. Lecture delivered at the SPECTRUMCON, Manipal Academy of Higher Education, Manipal, 11th September 2018.

- Application of co-articulation in assessment and management of speech sound disorders. Lecture delivered at the Manipal Academy of Higher Education, Manipal, 11th September 2018
- Lecture delivered at the workshop on Standardization of terminologies used for clinical diagnosis in speech disorders, AIISH, Mysuru, 26th October 2018.
- Speech sound disorders: Introduction and its assessment. Lecture delivered at the National Workshop on Recent Trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru, 28th January 2019.
- Cognitive linguistic approaches for speech sound disorders. Lecture delivered at the National Workshop on Recent trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru, 28th January 2019.

Dr. K. Yeshoda, Associate Professor in Speech Sciences

- Introduction to acoustic analysis and its applications. Lecture delivered at the Workshop on Applications of Acoustic Analyses at Dr. M.V. Shetty College of Speech and Hearing, Mangaluru, 15th March 2019.
- Speech synthesis, its types and utilities. Lecture delivered at the Workshop on Applications of Acoustic Analyses at Dr. M.V. Shetty College of Speech and Hearing, Mangaluru, 15th March 2019.
- Speaker recognition, speaker identification and speaker verification methods. Lecture delivered at the Workshop on Applications of Acoustic Analyses at Dr. M.V. Shetty College of Speech and Hearing, Mangaluru, 15th March 2019.

Dr. Jayashree C Shanbal, Associate Professor in Language Pathology

- Practical strategies for management on children with learning disability. Lecture delivered at the Staff Enrichment Program, AIISH, Mysuru, 25th May 2018.
- Standardization of terminologies used for clinical diagnosis in voice disorders. Lecture delivered at the Workshop on standardization of terminologies used for clinical diagnosis in speech disorders, AIISH, Mysuru, 26th October 2018.
- Assessment of Language based Learning Disability-SLP Perspective. Lecture delivered at the National Workshop on Multidisciplinary team Classroom Based Assessment and Management of Language Based Learning Disability, AIISH, Mysuru, 8th January 2019.
- Identification, management and prevention of cognitive linguistic problems in the elderly. Lecture delivered at the Seminar on Ageing and Elderly Care on communication disorders: Strategic guidelines at AIISH, Mysuru, 11th January 2019.

Dr. Swapna N, Associate Professor in Speech Pathology

- An overview to Noise induced hearing loss. Lecture delivered at the Sensitization program on Occupational Noise induced hearing loss and its prevention, organised by AIISH, Mysuru, 19th September 2018.

- Early identification of CP and its prevention. Lecture delivered at an Orientation program on World cerebral palsy day, AIISH, Mysuru, 5th October 2018.
- Identification, prevention and management of speech and swallowing problems in the elderly. Lecture delivered on Seminar on ageing and elderly care on communication disorders: Strategic guidelines at AIISH, Mysuru, 10th-11th January 2019.
- Assessment of communication on difficulties in children with cerebral palsy. Lecture delivered at National seminar on Multidisciplinary approach in the assessment and management of cerebral Palsy, Baby memorial college of Allied Medical Sciences, Calicut, 23rd-24th March 2019.

Dr. Sandeep M. Associate Professor in Audiology

- Use of FFR in diagnostics. Lecture delivered at the National Seminar on New Frontiers in Audiology-AUDISHCON 2018, organized by Dr. S.R. Chandrashekhar institute of Speech and Hearing, Bengaluru, 27th- 29th September 2018.
- Identification, management and prevention of hearing related disorders in the elderly. Lecture delivered at the Seminar on Ageing and Elderly Care on Communication Disorders: Strategic Guidelines, organized by AIISH, Mysuru, 11th January 2019.
- Decoding the concept of immittance. Lecture delivered at the Seminar on Middle Ear (AuSOME), Organized by Nitte Institute of Speech and Hearing at Justice K.S. Hegde Hospital, Mangaluru, 12th February 2019.
- Differential diagnosis of middle ear disorders. Lecture delivered at the Seminar on Middle Ear (AuSOME), Organized by Nitte Institute of Speech and Hearing at Justice K.S. Hegde Hospital, Mangaluru, 12th February 2019.
- A review on the routine audiological evaluation. Lecture delivered at the Seminar organized by Marthoma College of Special Education, Kasaragodu, 12th February 2019.

Dr. M. Santosh, M., Associate Professor in Speech Sciences

- Management of Stuttering in Children. Lecture delivered at the RCI-CRE Conference on Speech and Language Advancements (COSLA)-2018 titled Recent trends in assessment and management of individuals with stuttering Kasturba Medical College, Mangalore, 29th-31st August 2018.
- Assessment of stuttering in adults at the RCI-CRE Conference on Speech and Language Advancements (COSLA)-2018, titled Recent trends in assessment and management of individuals with stuttering, Kasturba Medical College, Mangalore, 29th-31st August 2018.

Dr. Alok Kumar Upadhyay, Associate Professor in Special Education

- Tips for how to teach children with hearing impairment. Lecture delivered at the seminar on Early Identification, Early Intervention and Early Correction, State Child welfare Council, Chattisgarh, 22nd June 2018.
- Contribution of national institutes for education of children with special needs: Exemplary of AIISH. Lecture delivered at the National Consultative workshop on Inclusive Education for Differently abled Children, SCERT, Trivandrum, 26th October 2018.
- Contribution of department of special education for education of children with special needs Lecture delivered at the Allahabad University, Allahabad, in Faculty Induction training program MHRD, New Delhi under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching on 15th December 2018.
- Professional collaboration for inclusive education. Lecture delivered at the Allahabad University, Allahabad in Faculty Induction training program MHRD, New Delhi under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching on 16th December 2018.
- दिव्यांग जन को सरकार द्वारा दी जा रही सुविधायें और उनके प्राप्ति के तरीके. Lecture delivered at the internal workshop on Hindi, AIISH, Mysuru, 21st December 2018.
- Innovation, best Practices, success stories & case studies with respect to education of children with hearing impairment. Lecture delivered at the National Conference on Enhancing Quality of education of Students with Hearing Impairment-Needs & Practices, Satyabhama Institute, Chennai, 29th January 2019.
- Strategies for mainstreaming children with Intellectual Disabilities Lecture delivered at the seminar for caregivers, Rotary Mysore Brindavan, Mysuru, 2nd February 2019.
- Hypothesis -Concept, types and testing of hypothesis. Lecture delivered at the National Workshop on Research Methodology for Special Education and Rehabilitation, Faculty of



Special Education & Rehabilitation Sciences, Ramakrishna Mission Vivekananda Educational And Research Institute (Deemed to be University), Coimbatore, 1st March 2019.

- Writing and publication of empirical papers. Lecture delivered at the National Workshop on Research Methodology for Special Education and Rehabilitation, Faculty of Special Education & Rehabilitation Sciences, Ramakrishna Mission Vivekananda Educational And Research Institute (Deemed to be University), Coimbatore, 1st March 2019.
- Inclusive education system: ensuring equity for children with special needs in general education system. Lecture delivered at the National Conference on Inclusive Education: Best Practices & Future Perspective, Amity Institute of Rehabilitation Sciences (AIRS), Amity University, Noida, 8th March 2019.

Dr. Sujeet Kuamr Sinha, Reader in Audiology

- Assessment and management of vestibular disorders. Lecture delivered at the Annual Conference of Telangana Audiologist and Speech Language Pathologists Association 1st TASLPACON 2018, KMS hospital, Hyderabad, 21st-22nd April 2018.
- Vestibular assessment and management setting up a vestibular assessment unit. Lecture delivered at the Speech and Hearing Association of India, West Bengal Branch, 1st SHAIWBCON at AYJNISHD (D), Regional Centre, Kolkata, 21st-22nd April 2018.
- Code of Conduct. Lecture delivered at the Orientation program to B.ASLP students, AIISH, Mysuru, 29th June 2018.

Dr. Prawin Kumar, Associate Professor in Audiology

- Demonstration on instruments for audiological evaluations. Lecture delivered at the Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Auditory and non-auditory effects. Lecture delivered at the Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Audiological evaluations for noise-induced hearing loss. Lecture delivered at the Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Status of newborn screening for hearing in Karnataka. Lecture delivered at the Vikasa Soudha, Bengaluru, 10th September 2018.

Dr. G. Malar, Reader in Special Education (Contract)

- Classroom management of children with HI. Lecture delivered at the National conference on Early Identification, Screening & Basic Management of Children with Hearing Loss, Manipal Academy of Higher Education, Manipal, 18th April 2018.

- Language training in instruction of children with HI. Lecture delivered at the National conference on Early Identification, Screening & Basic Management of Children with Hearing Loss, Manipal Academy of Higher Education, Manipal, 18th April 2018.
- Guidance for mainstreaming children with communication disorders. Lecture delivered at the Parent Enrichment Programme, AIISH, Mysuru, 20th April 2018.
- Classroom management & instruction adaptation for children with LD. Lecture delivered at the Workshop for Teachers, Gangothri Public School, Mysuru, 18th May 2018.
- Education of physically & socially challenged children in inclusive settings. Lecture delivered at the Workshop for Teachers of KVS South Zone region, Mysuru, 27th July, 31st August, 27th September and 30th November 2018.
- Special education management of children with language learning disability. Lecture delivered at the National Workshop on Multidisciplinary Team-based Assessment and Classroom Management of LLD, AIISH, Mysuru, 9th January 2019.
- Assessment of specific learning disability by special educators. Lecture delivered at the State Level RCI-CRE Conference, NITTE- Education and Empowerment for Everyone (Ni-EEE); Empowering Special Educators Dealing with Learning Disability (SPELD-2019) organised by NITTE Institute of Speech and Hearing, Mangaluru, 23rd January 2019.
- Special educators in the intervention of specific learning disability. Lecture delivered at the State Level RCI-CRE Conference, NITTE- Education and Empowerment for Everyone (Ni-EEE); Empowering Special Educators Dealing with Learning Disability (SPELD-2019) organised by NITTE Institute of Speech and Hearing, Mangaluru, 23rd January 2019.
- Human Resource Development, Capacity Building & Vocational Rehabilitation. Lecture delivered at the State Level RCI-CRE Conference, NITTE- Education and Empowerment for Everyone (Ni-EEE); Empowering Special Educators Dealing with Learning Disability (SPELD-2019) organised by NITTE Institute of Speech and Hearing, Mangaluru, 23rd January 2019.
- Recognition and remedy for learning disabilities at home. Lecture delivered at the PEaRL Programme, AIISH, Mysuru, 20th February 2019.

Dr. Palnaty Vijetha, Reader in Special Education

- Primary to higher education for children with special needs. Lecture delivered at the Workshop on Disability Educators, JSS Polytechnic for the Differently Abled and Enable India, Mysuru, 31st October 2018.
- Methods and techniques of teaching language. Lecture delivered at the RCI-CRE workshop in Methods of teaching language for children with hearing impairment, Dr. S. R. Chandrasekhar Institute of Speech and Hearing, Bengaluru, 14th December 2018.
- Strategies for mainstreaming children with hearing impairment. Lecture delivered at the Seminar for Caregivers, Rotary Mysore, Mysuru, 2nd December 2019.

Dr. Devi N., Reader in Audiology

- Issues related to hostel. Lecture delivered at the Orientation Programme to B.ASLP students, AIISH, Mysuru, 29th June 2018.
- Development and creation of e-platform for FAQ's on communication disorders. Lecture delivered at the workshop, AIISH, Mysuru, 6th -11th September 2018.
- Listening training for adults. Lecture delivered at the National workshop on listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.
- Introduction on ear moulds and its different styles; Materials used in ear mould making. Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 13th February 2019.
- Need for acoustics modification of ear moulds. Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 13th February 2019.
- Practical demonstration on acoustic modifications in ear mould. Lecture delivered at Workshop on Ear Mould Technology, AIISH, Mysuru, 14th February 2019.
- Introduction to noise and its measurements. Lecture delivered at Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Hearing conservation program. Lecture delivered at Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Strategies for prevention of noise-induced hearing loss. Lecture delivered at Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Selection and fitting of Ear protective devices. Lecture delivered at Training for Associate Fellow of Industrial Health Course Students at Regional Occupational Health Centre (Southern), Bengaluru, 31st May 2018 & 1st June 2018.
- Hearing Loss- Definition, Characteristics, identification and strategies. Lecture delivered at the workshop for Teachers of KVS in South Zone region at Kendriya Vidyalaya Sangathan, Zonal Institute of Education & Training, Mysuru, 24th -27th September 2019.

Mr. Manohar N., Reader in Electronics

- Application of ICT in classroom. Lecture delivered to B.Ed.Spl.Ed. (HI) students, AIISH, Mysuru, 26th -28th December 2018.

Dr. Sangeetha Mahesh, Clinical Reader

- Speech disorders–Identification, characteristics and strategies. Lecture delivered at the workshop on identification learning disability to Kendriya Vidhyalaya Sangatham Teachers, Mysuru, 25th July 2018.
- School screening. Lecture delivered at the workshop on frequently asked questions on

School Screening, AIISH, Mysuru, 7th -11th September 2018.

- Role of teachers in persons with stuttering. Lecture delivered in view of the International Stuttering Awareness Day, AIISH, Mysuru, 14th November 2018.
- Communication disorders. Lecture delivered on monthly lecture series programme, AIISH, Mysuru, 27th February 2019.

Dr. R.Rajasudhakar, Reader in Speech Sciences

- Assessment and management and psychological approaches to voice therapy. Lecture delivered at the National Conference on Assessment & Management of Voice Disorders: Integrating Theory and Clinical Practice (FlaSH Series III-2018), Tiruchirappalli, 23rd September 2018.
- Clinical discussion on working with transgender voice. Lectures delivered at National Conference on Assessment & Management of Voice Disorders: Integrating Theory and Clinical Practice (FlaSH Series III-2018), Tiruchirappalli, 23rd September 2018.

Dr. Geetha C., Reader in Audiology

- Development and creation of E platform for FAQ's on communication disorders. Lecture delivered at the workshop, AIISH, Mysuru, 6th -11th September 2018.



Dr. Chandni Jain, Reader in Audiology

- Hearing loss- definition, characteristics, identification and strategies. Lecture delivered at the Workshop for Teachers of KVS in South Zone region, Mysuru, 27th November 2018.
- Methods to assess outcome in adults (Behavioral). Lecture delivered at the National Seminar on Outcome Measures of Cochlear Implant, AIISH, Mysuru, 12th February 2019.

Dr. Sreeraj K., Associate Professor in Audiology

- Development and creation of E platform for FAQ's on communication disorders. Lecture delivered at the workshop, AIISH, 6th – 11th September 2018.
- Tinnitus assessment and rehabilitation. Lecture delivered at the AUDISHCON 2018, Dr. S. R. Chandrashekar Institute of Speech & Hearing, Bengaluru, 29th September 2018.

Dr. Hemanth Shetty, Reader in Audiology (Contract)

- Development and creation of E platform for FAQ's on communication disorders. Lecture delivered at the workshop, AIISH, 6th -11th September 2018.
- Hard mould processing procedure and soft mould processing procedure (including UV method). Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 13th February 2019.

Mr. Freddy Antony, Assistant Professor in Clinical Psychology

- Positive parenting. Lecture delivered at the Orientation Program on Parenting Challenges and Issues in Families of Children with Neurodevelopmental Disorders, AIISH, Mysuru, 5th April 2018.
- Parenting issues concerning children with neurodevelopmental disorders. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neuro-developmental Disorders, AIISH, Mysuru, 30th -31st August 2018.
- Active learning session II: Basic concepts. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, AIISH, Mysuru, 14th December 2018.
- Behavioural & cognitive strategies to enhance academic performance. Lecture delivered at the Orientation Program on Enhancing Academic Skills of Primary School Going Children in School, AIISH, Mysuru, 22nd February 2019.

Dr. Amrita Kanchan, Assistant Professor in Clinical Psychology

- Neuropsychological deficit in ASD & ADHD. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neuro-developmental Disorders, AIISH, Mysuru, 30th -31st August 2018.

Dr. Pebbili Gopikishore., Assistant Professor in Speech Pathology

- Effect of routine ENT surgeries on voice. Lecture delivered at the 36th Annual Karnataka State Conference of Otolaryngologists of India & 14th South Zone ENT Conference 2018 at Mandya Institute of Medical Sciences, Mandya, 11th -14th October 2018.
- Standardization of terminologies used for clinical diagnosis in voice disorders. Lecture delivered at the Workshop on Standardization of Terminologies used for Clinical Diagnosis in Speech Disorders, AIISH, Mysuru, 26th October 2018.

Dr. Hema. N., Assistant Professor in Speech Sciences

- Autism spectrum disorder–Definition, characteristics, identifications & strategies. Lecture delivered at the Workshop for K.V Sangatan Teachers, Zonal Institute of Education & Training, Mysuru, 28th August, 24th September & 27th November 2018.

Dr. Prashanth Prabhu, Assistant Professor in Audiology

- Recent advances in Vestibular Assessment. Lecture delivered at the Workshop on Vestibular Assessment, Baby Memorial Hospital, Calicut, 4th August 2018.
- Development and creation of E platform for FAQ's on communication disorders. Lecture delivered at the workshop, AIISH, 6th -11th September 2018.
- Hearing Aid fitting techniques in ANSD. Lecture delivered at the 3rd Annual Conference AUDISHCON 2018 at Dr. SRC Institute of Speech and Hearing, Bengaluru, 29th September 2018.
- Assessment and Management of Auditory Neuropathy Spectrum Disorders. Lecture delivered at the 3rd Annual Conference AUDISHCON 2018 at Dr. SRC Institute of Speech and Hearing, Bengaluru, 29th September 2018.



Dr. Ganapathy M.K., Lecturer in Audiology

- Cochlear implants. Lecture delivered at the Staff Enrichment Program, AIISH, Mysuru, 22nd June 2018.
- Acoustic change complex. Lecture delivered at the National Seminar on New Frontiers in Audiology, AUDISHCON 2018, Bengaluru, 27-29 September 2018.

Dr. Purusotham P., Research Assistant

- Dealing with negative emotions such as anxiety and stress. Lecture delivered at the Orientation Program on Parenting Challenges and Issues in Families of Children with Neurodevelopmental Disorders, AIISH, Mysuru, 5th April 2018.
- Physical arrangement/ organization of home & school environment impacting academic. Lecture delivered at the Orientation Program on Enhancing Academic Skills of Primary School Going Children in School, AIISH, Mysuru, 22nd February 2019.

Dr. R. Gopi Sankar., Research Officer

- Vocal health and hygiene to the monastic community. Lecture delivered at the Serajay Monastery, Bylakuppe, 23rd June 2018.
- Speech disorders identification and characteristics. Lecture delivered at the workshop on identification learning disability to Kendriya Vidhyalaya Sangatham teachers, Mysuru, 21st August 2018.
- Acoustic and physiological evaluation of voice. Lecture delivered at the National Conference on Assessment and Management of Voice Disorders: Integrating Theory to Clinical Practice, Holy Cross College, Tiruchirappalli, 21st September 2018.
- Served as resource person & co-ordinator for the in-house workshop on Standardization of terminologies used for clinical diagnosis in speech disorders, AIISH, Mysuru, 26th October 2018.

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

- Myths and facts about stuttering. Lecture delivered at the ISAD at AIISH, Mysuru, 14th November 2018.

Ms. Sreevidya M.S., Special Educator

- Strategies for mainstreaming children with Intellectual Disabilities. Lecture delivered at the Seminar for Caregivers, Rotary Mysore Brindavan, Mysuru, 2nd February 2019.

Mr. Arunraj. K., Clinical Assistant

- Early identification methods of hearing problem due to noise exposure in the sensitization program on occupational noise induced hearing loss and its prevention. Lecture delivered at the AIISH, Mysuru, 19th September 2018.

- Comprehensive newborn hearing screening. Lecture delivered at the Regional Review Meeting of NPPCD, New Delhi at Bangalore, 13th December 2018.
- Hearing loss (peripheral and central) and its effects due to aging. Lecture delivered at the Seminar on Ageing and Elderly Care on Communication Disorders: Strategic Guidelines, AIISH, Mysuru, 10- 11 January 2019,

Ms. Prathima S., Itinerant Speech Therapist

- An overview to the assessment and management of children with CP. Lecture delivered at the Orientation Programme on Cerebral Palsy, World Cerebral Day, AIISH, Mysuru, 5th October, 2018
- Served as a resource person in in-house workshop on Standardization of terminologies used for clinical diagnosis in speech disorders, AIISH, Mysuru on 26th October 2018.
- Multiple disability: Definition, identification characteristics, identification and strategies. Lecture delivered at the Workshop on identification learning disability, Kendriya Vidyalaya, Zonal Institute of Education & Training, Mysuru, 29th November 2018.
- Feeding problems in children with cerebral palsy. Lecture delivered at the Resource Exchange and Education through Care and Hope (REECH) programme for Clients/Parents/Caregivers, AIISH, Mysuru, 22nd March 2019.

Dr. Sanjeev Kumar Gupta, Clinical Psychologist

- Neuropsychological deficits in learning disabilities. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neuro-developmental Disorders, AIISH, Mysuru, 30-31st August 2018.
- Conduct disorder: Definition, characteristics, identification and strategies. Lecture delivered at the Workshop for Teachers of K.V.S. in South Zone region, Kendriya Vidyalaya Sangathan, Zonal institute of Education and Training, Mysuru, 29th August 2018 & 28th November 2018.
- Active learning session IV: Behaviour enhancing techniques. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, AIISH, Mysuru, 14th December 2018.

Dr. Yashodhara Kumar G.Y, Clinical Psychologist, Grade-II

- Active learning session III: Measurement and recording of behaviour. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, AIISH, Mysuru, 14th December 2018.
- Psychological testing. Lecture delivered at the National Institute for the Empowerment of Persons with Intellectual Disabilities (DIVYANGJAN), Secunderabd, 5th January 2019.

Ms. Shobha B.N., Special Educator

- Challenges faced by children with Special needs at primary level of schooling. Lecture delivered at the Workshop on Disability Educators, JSSPDA and Enable India, Mysuru, 31st October 2018.

Ms. Gayathri Krishnan, Clinical Assistant

- Dysphagia. Lecture delivered at the Staff Enrichment Program, AIISH, Mysuru, 23rd May 2018.

Mr. Pradeep Kumar P., Speech-Language Pathologist

- Multiple disability- definition, identification characteristics, identification and strategies. Lecture delivered at the Workshop on identification learning disability to Kendriya Vidyalaya Sangatham teachers, Mysuru, 25th July 2018 and 2th September 2018.

Ms. Deepa Anand, Research Assistant

- A peep into different communication disorders and its identification. Lecture delivered at the Orientation Programme on Communication Disorders and Classroom Adaptations for Teacher Trainees of Mysuru, AIISH, Mysuru, 14th December 2018
- Practical sessions in the National Workshop on Recent trends in Assessment and Management of Speech Sound Disorders Organized by Department of Clinical Services, AIISH, Mysuru on 28th January 2019.

Ms. Megha, Clinical Assistant

- Identify listening strategies and critical evaluation of the therapy videos of young children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.



- Identify listening strategies and critical evaluation of the therapy videos of older children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.

Mr. Jawahar Antony, Audiologist Grade II

- Identify listening strategies and critical evaluation of the therapy videos of young children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.
- Identify listening strategies and critical evaluation of the therapy videos of older children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.

Ms. Jyothi S., Research Assistant

- Identify listening strategies and critical evaluation of the therapy videos of young children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.
- Identify listening strategies and critical evaluation of the therapy videos of older children. Lecture delivered at the workshop on Listening training for individuals with hearing impairment, AIISH, Mysuru, 13th February 2019.

Mr. Jayaram. M. T., Speech & Hearing Technician

- Precautions for ear impression and flowing technique. Lecture delivered at the workshop on Ear Mould Technology, AIISH, Mysuru, 13th February 2019.
- Hard mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 14th February 2019.
- Soft mould processing procedure. Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 14th February 2019.

Mr. Sudarshan B., Prosthodontic Technician

- Ear impression technique with hands on training. Lecture delivered at the Workshop on Ear Mould Technology, AIISH, Mysuru, 14th February 2019.

Ms. Rubby, Sign Language Teacher

- Importance of Indian Sign Language. Lecture delivered at the orientation programme of Sign Language in Children with Hearing Impairment, AIISH, Mysuru, 24th August 2018.
- Indian Sign Language. Lecture delivered at AAC awareness week, AIISH, Mysuru, 24th October 2018.

Ms. Sujatha V. Shastry, Clinical Assistant

- Early Identification for DSL/ISL/DD. Lecture delivered at the REECH programme, AIISH, Mysuru, 19th September 2018.

Ms. Seema M., Clinical Supervisor

- Served as resource person in In-house workshop on “Standardization of terminologies used for clinical diagnosis in speech disorders” on 26th October 2018.

Mr. Prashanth R., Medical Social Worker

- Concessions & facilities available for children with ID & HI. Lecture delivered at the Resource Exchange and Education through Care and Hope (REECH) programme for Clients/Parents/Caregivers, at Department of clinical services, AIISH, Mysuru, 22nd March 2019, 24th September 2018 & 05th October 2018.
- Role of medical social worker in the management of persons with dementia. Orientation lecture delivered at the Department of Social Work, University of Mysore, Mysuru, on 10th October 2018.

Ms. Aruna Kamath, Speech Pathologist Grade II

- Importance of AAC in children with autism. Lecture delivered at the REECH program.
- Lecture delivered at the AAC awareness week on Augmentative and Alternative Communication, AIISH, Mysuru, 23rd October 2018.
- Parent orientation. Lecture delivered at AAC awareness week on Augmentative and Alternative Communication, AIISH, Mysuru, 26th October 2018.

Mr. Sohan Singh., Physiotherapist

- Locomotor disabilities–Definition, characteristics. Lecture delivered at the workshop for Teachers of Kendriya Vidyalaya South Zone Region, Mysuru, 25th July 2018.
- Identification and strategies to handle in class room. Lecture delivered at the workshop for Teachers of Kendriya Vidyalaya South Zone Region, Mysuru 26th September 2018.

Ms. Sabeena Taj, Research Officer

- Motoric Approaches for Speech Sound Disorders. Practical Session held at the National Workshop on Recent trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru, 28th January 2019.

Dr. Priya. M. B., Lecturer in Speech Sciences (Contract)

- Assessment of childhood apraxia of speech. Lecture delivered at the National Workshop on

Recent Trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru, 28th January 2019.

- Management of childhood apraxia of speech. Lecture delivered at the National Workshop on Recent Trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru on 28th January 2019.

Dr. Santosha C.D., Lecturer in Biostatistics (Contract)

- Basic statistics and its applications using statistical package for social science (SPSS). Lecture delivered at the workshop in the Department of Food Science and Nutrition, University of Mysore, Mysuru, 20th-21st August 2018.
- Descriptive statistics and statistical inference-parametric and nonparametric tests at research methodology course (RMC). Lecture delivered to the Research Scholars pursuing Ph.D in Social Sciences Sponsored by ICSSR, New Delhi, University of Mysore, Mysuru, 24th October 2018.
- Analysis of variance and regression. Special lecture delivered at the Government First Grade College, Mysuru, 2nd November, 2018.
- Descriptives and inferential statistics. Lecture delivered at the workshop on Application of SPSS in the field of Speech and Hearing, Naseema Institute of Speech and Hearing, Bengaluru, 20th November 2018.
- Application of basic statistics using SPSS. Lecture delivered at the Workshop on Research Methodology and Statistical Applications, Avinashilingam Institute of Home Science and Higher Education for Women, Coimbatore, 13th-15th February 2019.



Dr. Abhishek. B.P., Lecturer in Speech Sciences (Contract)

- Intellectual disability—definition, characteristics. Lecture delivered at the Workshop for K. V. Sangatan Teachers, Zonal Institute of Education & Training, Mysuru, 28th August 2018.
- Identifications & strategies. Lecture delivered at the Workshop for K. V. Sangatan Teachers, Zonal Institute of Education & Training, Mysuru, 28th August 2018.
- Cognitive linguistic problems in elderly. Lecture delivered at the National Seminar on Aging and Elderly care on Communication Disorders Characteristics, Identification and Strategies, AIISH, Mysuru, 10th January 2019.
- Community based job opportunities. Lecture delivered at the Workshop for Interns, AIISH, Mysuru, 19th January 2019.

Mr. V. Hariharan, Lecturer in Clinical Psychology (Contract)

- Psychological assessment in neurodevelopmental disorders. Lecture delivered at the National Seminar on Psychological Perspectives of Children and Adolescents with Neurodevelopmental Disorders, AIISH, Mysuru, 30th -31st August 2018.
- Active learning session III: Measurement and recording of behaviour. Lecture delivered at the Workshop on Behaviour Modification in Children: Key Concepts Refined, AIISH, Mysuru, 14th December 2018.

Ms. Lakshmi Prabha J.K., Lecturer in Special Education (Contract)

- Strategies for mainstreaming children with Intellectual Disabilities. Lecture delivered at the Seminar for Caregivers, Rotary Mysore Brindavan, Mysuru, 2nd February 2019.

Ms. Latha C., Special Educator (Contract)

- Strategies for mainstreaming children with Intellectual Disabilities. Lecture delivered at the Seminar for Caregivers, Rotary Mysore Brindavan, Mysuru, 2nd February 2019.

Ms. Asha S.A., Special Educator (Contract)

- Strategies for mainstreaming children with Intellectual Disabilities. Lecture delivered at the Seminar for Caregivers, Rotary Mysore Brindavan, Mysuru, 2nd February 2019.

Ms. Priyadarshini V. Research Officer (Contract)

- Cognitive Linguistic Approaches for Speech Sound Disorders. Practical Session held at the National Workshop on Recent trends in Assessment and Management of Speech Sound Disorders, AIISH, Mysuru, 28th January 2019.

Ms. Akshata Yogendra M. (Contract)

- Hearing Protective Devices-Practical Demonstration. Lecture delivered at the sensitization programme on Occupational Noise induced hearing loss and its prevention, AIISH, Mysuru, 19th September 2018.

Ms. Yashaswini B.C. (Contract)

- Prevention and early identification of speech and language disorders. Lecture delivered at an Orientation program on World cerebral palsy day, AIISH, Mysuru, 5th October 2018.'

Ms. Nayana M. (Contract)

- Prevention and early identification of hearing disorders. Lecture delivered at an Orientation program on World cerebral palsy day, AIISH, Mysuru, 5th October 2018.

Other Responsibilities

Dr. M. Pushpavathi, Director

Meetings Attended

- Meeting with the Secretary and Additional Secretary, Ministry of Health and Family Welfare, Govt. of India to discuss matters concerning the institute on 24th October 2018.
- Meeting with Shri. Sudhir Kumar, Joint Secretary, Ministry of Health and Family Welfare, Govt. of India to review the progress of construction of Centre of Excellence building on 12th November 2018.



- Meeting of the Town Official Language Implementation Committee at the Central Institute of Indian Languages, Mysore on 19th November 2018.
- Meeting with Shri V.S. Basavaraju, State Commissioner, Office of the State Commissioner for Persons with Disabilities Act, 1995-Karnataka at Jilla Panchayat, Mysore regarding rights of persons with disabilities and facilities to be provided to them on 28th November 2018.
- Meeting of the Selection Committee for the post of Director, AYJNISHD as an Expert Member at Ministry of Social Justice and Empowerment, Govt. Of India, New Delhi on 4th December 2018.
- Attended 25th Governing Council Meeting of the JSS Institute Speech and Hearing, Mysuru at JSS Institute of Speech and Hearing, Mysuru on 5th January 2019.
- Meeting with State Commissioner of Disability, Assistant Commissioner of Disability and Panchayath Workers for Disability in Suttur on 11th January 2019.
- Meeting with the Students Welfare Department, University of Mysore, Manasagangothri on disbursement of grants to the physically disabled students on 13th March 2019.
- 10th Executive Council Meeting of Indian Sign Language Research and Training Centre (ISLRTC) held at New Delhi on 19th March 2019.

Meetings Conducted

- Participated in a workshop on Physical and Mental Disabilities in the Light of Global Best Practices in Care, Rehabilitation and Research at PravasiBharatiya Kendra, Chanakyapuri, New Delhi, organized by Ministry of Social Justice & Empowerment, Department of Empowerment of Persons with Disabilities (Divyangjan), New Delhi on 23rd October 2018.
- Meeting of the Selection Committee for the post of Chief Accounts Officer held on 14th February 2019.
- 50th Standing Finance Committee meeting at Ministry of Health and Family Welfare, New Delhi on 14th February 2019.
- Meeting with the Additional Secretary (H), Ministry of health and Family Welfare for reviewing the preparedness of Swachhta Pakhwada through Video conference on 29th March 2019.

Dr. Rajalakshmi K., Professor of Audiology

- Examiner, Manipal University, ManonmaniamSundaranar University, Tirunelveli, TamilNadu, University of Mysore, Mysuru

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

- Member, Board of Examiners, JSS Institute of Speech and Hearing
- External examiner, PGIMER, Chandigarh, Bangalore University, Sri Ramachandra Medical College, Chennai, Mangalore University,
- Expert member, Rehabilitation Council of India
- Member, Apex Advisory Committee for developing training programs in Audiology and Speech-Language Pathology, New Delhi
- Reviewer, JAIISH, 51st ISHACON Papers, ARF Projects, JISHA
- Member Secretary, ARDSI Mysore Chapter
- Executive Secretary, AIISH Alumni Association

Dr. Ajith Kumar U., Professor of Audiology

- Examiner, Kerala University, Bharati Vidyapeeth, Pune, University of Mysore
- Editor, American Journal of Audiology
- Member, Board of Education, University of Mysore

Dr. N. Sreedevi, Professor in Speech Sciences

- Member, Board of Studies, University of Mysuru, Bangalore University, Pondicherry University, SRMC, Kannur University, Calicut University, COAHS, Manipal, BharathiyaVidyaPeet, Pune, Kerala Health Science University
- Member, Board of Examiners, University of Mysuru
- Ph.D Thesis Adjudicator, BharathiyaVidyaPeet, Pune, and University of Kerala, Thiruvanthapuram.
- Reviewer, NSA, ISHA 2019, WSPD-Inter speech 2019
- Associate Editor, JAIISH

Dr. K. Yeshoda, Associate Professor in Speech Sciences

- Examiner, Manipal University
- Member, Board of Studies, Sri Krishnadevaraya University, Ballari, University of Mysore
- Member, Board of Education, Bangalore University, Bengaluru, Sri Krishnadevaraya University, Ballari
- Managing Editor, JAIISH, 51st ISHACON

Dr. Jayashree C Shanbal, Associate Professor in Language Pathology

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

- Coordinator, DHLS Mysuru
- Member, Editorial Board, International Journal of Linguistics and Education
- Reviewer, 51st ISHACON papers, ARF Projects

Dr. N. Swapna, Associate Professor in Speech Pathology

- Member, Board of Examiners, University of Mysore
- Member, Board of Studies, University of Mysore
- Examiner, Kerala University.
- Member, Doctoral Committee, SRM University, Chennai
- Member, Expert Committee, Rehabilitation Council of India
- Associate Editor, JAIISH
- Reviewer, JISHA, 51st ISHACON papers, ARF Projects
- Editor, Proceedings of the National Workshop on Management of Oro-Pharyngeal Dysphagia in Children with Cerebral Palsy.

Dr. Sandeep M., Associate Professor in Audiology

- Examiner, Kerala University, Bharati Vidyapeeth, Pune, Manipal University, Mangalore University, SRMC.
- Editor, American Journal of Audiology
- General Secretary, MyISHA
- Reviewer, JAIISH

Dr Santosh M., Associate Professor in Speech Sciences

- Examiner, Bharathi Vidyapeeth University
- Reviewer, Journal of Communication Disorders, Folin Phoniatica, JISHA, 51st ISHACON



Dr. Alok Kumar Upadhyay, Associate Professor in Speech Education

- Member, Board of Studies, J.R.H. University, Chitrakoot , Ramkrishna Mission Vivekananda Deemed to be University, Coimbatore, NGB University, Allahabad
- Member, Board of Examination (BOE), Mysore University, Mysore.
- Paper Setter, Rajrishi Tondon Open University, Allahabad (U.P) and Mysore University.

Dr. Brajesh Priyadarshi, Reader in Linguistics

- Member, Board of Examiners, University of Mysore
- Member, Panel of Question paper setters, Kerala University of Health Sciences
- Member, Project Advisory Committee, Linguistic Data Consortium for Indian Languages
- Coordinator, DHLS Bhagalpur Center
- Member, Editorial Board, The linguistics journal

Dr. Sujeeth Kumar Sinha, Reader in Audiology

- Examiner, Manipal University
- Chairperson, 1st SHAIWBCON, Kolkata
- EC Member, MyISHA

Dr. Prawin Kumar, Reader in Audiology

- Examiner, Manipal University, SRM University
- Editor, JISHA
- Reviewer, JISHA

Dr. Malar G., Reader in Special Education (Contract)

- Member of Board of Examination, Mysore University
- Member, Board of Studies KSOU, Mysuru
- Reviewer, IGI Publication, RMVERIE, Coimbatore

Dr. Shijith Kumar C., Library and Information Officer

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

Dr. Prithi Venkatesh, Reader in Special Education

- Member, Board of Examination in Special Education, Bangalore University, Bengaluru, , University of Mysore.
- Member, Board of Studies, University of Mysore
- Paper Setter, University of Mysore

Dr. Palnaty Vijetha, Reader in Special Education

- Member, Board of Studies, University of Mysore
- Member, Board of Examination in Special Education, Bangalore University, University of Mysore
- Paper Setter, University of Mysore
- Examiner, RCI
- Expert- 5 days workshop on TPACK, RIE

Dr. Devi N., Reader in Audiology

- Examiner, JIPMER, University of Mysore, Bangalore University, Kerala University
- Member, Board of Examiners, Bangalore University
- Reviewer, JISHA

Dr. Chandni Jain, Reader in Audiology

- Examiner, Kerala University, Manipal University, SRM university
- Reviewer, JISHA

Mr. Manohar N., Reader in Electronics

- Member, Board of Examiner (BOE) of Speech and Hearing, University of Mysore

Dr. Niraj Kumar Singh, Reader in Audiology

- Examiner, Kerala University, Bharati Vidyapeeth, Pune



Dr. R. Rajsudhakar, Reader in Speech Sciences

- Reviewer, 51st ISHACON

Dr. Hemanth N., Reader in Audiology (Contract)

- Member, Editorial Board, Journal of Audiology and Otology
- Reviewer - Biosciences, Biotechnology, ASIA, International Journal of Audiology

Dr. M. S. Vasanthalakshmi, Associate Professor in Biostatistics

- Member, Board of Examiners, Special Education (HI) University of Mysore

Dr. Geetha C., Assistant Professor of Audiology

- Examiner, Manipal university, Bangalore University
- Reviewer, JISHA

Dr. Sreeraj K. Assistant Professor of Audiology

- Examiner, Manipur University

Mr. Freddy Antony, Assistant Professor of Clinical Psychology

- Co-ordinator, DHLS, Lucknow

Dr. Sangeetha Mahesh., Clinical Reader

- Member, Board of Examinations, Nazeema and Samvad Institute of Speech & Hearing, University of Mysore
- Reviewer, ISHA Abstract, JAISH

Dr. Prashanth Prabhu, Assistant Professor of Audiology

- Member, Selection Committee for the post of Audiologist and Speech Therapist, District Rehabilitation Center, Mysuru.
- Examiner, Holy Cross College, Tiruchirapalli
- Member, Editorial Board, EC Neurology
- Reviewer, Journal of Indian Speech and Hearing Association, International Archives of Otorhinolaryngology, Journal of Audiology and Otology, American Journal of Audiology, Archives of Acoustics

Dr. T. Jayakumar, Associate Professor in Speech Sciences

- Reviewer, 51st ISHACON

Dr. Anjana B Ram, Assistant Professor in Speech Pathology

- Compilor, Student Research at AIISH 2016-17 & 2018-19
- Coordinator, DHLS, Delhi

Dr. Hema N., Assistant. Professor in Speech Sciences

- Reviewer, 51st ISHACON

Dr. Sanjeev Kumar Gupta, Clinical Psychologist

- Reviewer, Journal of Learning Disabilities

Ms. Gayathri Krishnan, Clinical Assistant

- Reviewer, JISHA, Dysphagia, 51st ISHACON papers
- Editor, Proceedings of the National Workshop on Management of Oro-Pharyngeal Dysphagia in Children with Cerebral Palsy.

Mr. Sharath Kumar, Research Assistant

- Assitant Editor, JAIISH

Dr. Purusotham P., Research Assistant

- Reviewer, IGI Global Publications

Dr. Gopi Sankar R., Research Officer

- Member, Board of Examinations, Holy Cross College, Tiruchinappalli
- Reviewer, JAISH Abstract, Cleft Palate Craniofacial Journal

Mr. Reuben Thomas Varghese, Scientist

- Assistant Editor, JISHA

Dr. Santhosha C.D, Lecturer in Bio-Statistics (Contract)

- Reviewer, Asian Journal of Advanced Research & Reports

Dr. Priya M.B., Lecturer in Speech Sciences (Contract)

- Reviewer, 51st ISHACON

Dr. Abhishek. B.P., Lecturer in Speech Sciences (Contract)

- Reviewer, 51st ISHACON

Research

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

Funded Research Projects

The research projects include extramural and those funded by the institute from the AIISH Research Fund (ARF). 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), the University Grants Commission (UGC) and the Ministry of Human Resource Development (MHRD), Government of India, New Delhi.

Completed Projects

Thirteen research projects worth **Rs. 114.29 lakhs** were successfully completed during the reporting year. Of these, one project worth **Rs. 43.20 lakhs** was funded by the DST and the remaining by the institute

Extramural Research

1. Efficacy of early language intervention for children with repaired cleft lip & palate. Investigator: Dr. M. Pushpavathi. Funding: Department of Science and Technology. Amount: Rs. 43.20 lakhs.

AIISH Funded Research

2. An adaptation of bankson language screening test in Hindi (BLST-H). Investigators: Dr. Brajesh Priyadarshi & Dr.

S. P. Goswami Funding: AIISH Research Fund. Amount: Rs. 4.93 lakhs.

3. An adaptation of early reading Skills (ERS) in Malayalam (ERS-M). Investigators: Dr. Brajesh Priyadarshi & Ms. Gayathri Krishnan Funding: AIISH Research Fund. Amount: Rs. 4.93 lakhs.
4. A descriptive study on videofluoroscopic measures of neurogenic dysphagia in patients with stroke and motor neuron disease. Investigators: Dr. S.P. Goswami, Dr. Muralidharan Nair, Dr. Sylaja, Ms. Gayathri Krishnan & Ms. Manju Mohan. Funding: AIISH Research Fund. Amount: Rs. 4.93 lakhs.
5. Computer based audiological evaluation software. Investigators: Dr. Hemanth, N & Dr. Manjula, P. Funding: AIISH Research Fund. Amount: Rs. 8.74 lakhs.
6. Database on Communication Disorders published in India. Investigators: Dr. Shijith Kumar C., Nanjunda Swamy, M & Nandeesh, B. Funding: AIISH Research Fund. Amount: Rs. 3.00 lakhs.
7. Development of auditory based applications software for tinnitus treatment. Investigator: Dr. Hemanth, N. Funding: AIISH Research Fund. Amount: Rs. 8.53 lakhs.
8. Estimation of parental consanguinity in children with communication disorders. Investigator: Dr. Sreeraj, K., Dr. Jijo, P. M.,

Ms. Sandhya, K. & Ms. Rashmi Pujar.
Funding: AIISH Research Fund. Amount:
Rs. 5.14 lakhs.

9. Life satisfaction and quality of life in persons with aphasia beyond communication. Investigator: Dr. S. P. Goswami. Funding: AIISH Research Fund. Amount: Rs. 4.96 lakhs.
10. Morphosyntactic procession in dyslexia: application of an ERP measure. Investigator: Dr. Jayashree C. Shanbal. Funding: AIISH Research Fund. Amount: Rs. 4.03 lakhs.
11. Motor equivalence and speech kinematics in normal and pathological speech production. Investigators: Dr. NVSNM Ganesh Sini setty, Dr. N. Sreedevi & Ms. Irfana, M. Funding: AIISH Research Fund. Amount: Rs. 4.98 lakhs.
12. Stories of aphasia: Exploring paths to recover in India. Investigators: Dr. S. P. Goswami, Dr. Julie Hengst & Brajesh P. Funding: AIISH Research Fund. Amount: Rs. 11.99 lakhs.
13. Validation of discourse analysis scale in adults with dementia. Investigator: Dr. Hema, N. Funding: AIISH Research Fund. Amount: Rs. 4.93 lakhs.

Ongoing Projects

Thirty research projects worth **Rs. 573.360 lakhs** were ongoing in different departments of the Institute during the reporting year. Of these, one project worth Rs. 115 lakhs was plan funded, eight projects worth **Rs. 335.31 lakhs** were funded by DST, UGC & ICMR and the remaining twenty one projects by the institute.

Plan Funded Research

1. Survey of communication disorders by trained ASHA workers in the districts of

Mysore, Mandya & Chamarajanagara.
Investigators: Dr. S. R. Savithri, Dr. Rajasudhakar, R., Ms. Dr. M. B. Priya & Dr. H. Sudarshan. Funding: Plan funds, AIISH. Amount: Rs. 115 lakhs

Extramural Research

2. Articulate +: A system for automated assessment and rehabilitation of persons with articulation disorders. Investigators: Dr. Ajish K. Abraham, Dr. M. Pushpavathi & Dr. N. Sreedevi. Funding: Ministry of Human Resource Development & Indian Council of Medical Research. Amount: 1.37 crore.
3. Association of psycho-social & communicative behavior related to genes in children with ASD in an Indian population. Investigator: Dr. Shyamala, K.C. Funding: Indian Council of Medical Research. Amount: Rs. 8.01 lakhs.
4. Development of battery for cognitive communication-Kannada (BCC-K). Investigators: Dr. S. P. Goswami, Mr. Varun Uthappa, A. G., Dr. Murali Krishnan & Dr. Julie A. Hengst. Funding: Indian Council of Medical Research. Amount: Rs. 25.62 lakhs.
5. Efficacy of computer based training module on auditory and cognitive skills in children with CAPD. Investigators: Dr. Prawin Kumar & Dr. Niraj Kumar Singh. Funding: Department of Science and Technology. Amount: 28.49 lakhs.
6. Elucidation & 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. Shyamala, K.C. Funding: UGC. Amount: Rs. 15.76 lakhs.
7. 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: 35.29 lakhs.

8. Nasospeech: Development of diagnostic system for severity assessment of the disordered speech. Investigators: Dr. Ajish K. Abraham, Dr. M. Pushpavathi & Dr. H.V. Sathish. Funding: Dept of Biotechnology, Amount: 59.69 lakhs.
9. Tracing the evidence of phonological dyslexia in semi-syllabic orthography. Investigators: Dr. Rajashekar, B., Mr. Gopee Krishnan, Ms. Shivani Tiwari, & Dr. Shyamala, K. C., Funding: Department of Science and Technology. Amount: Rs. 25.45 lakhs.

AIISH Funded Research

10. A pre-post comparison of vocal loading using infrared thermography in phononormals. Investigator: Dr. R. Rajasudhakar. Funding: AIISH Research Fund. Amount: Rs.5.03 lakhs.
11. Auditory processing in children with speech sound disorders. Investigators: Dr. Chandni Jain & Ms. Priya, M. B. Funding: AIISH Research Fund. Amount: Rs. 5.05 lakhs.
12. Auditory temporal processing in older adults: A behavioural and electrophysiological measures. Investigators: Dr. Ganapathy, M.K., Dr. Hemanth, N. & Dr. Prashanth Prabhu. Funding: AIISH Research Fund. Amount: Rs.5.18 lakhs.
13. Automation of Malayalam articulation test using automatic speech recognition techniques. Investigators: Dr. Ajish K. Abraham, Dr. Leena Mary & Dr. N. Sreedevi. Funding: AIISH Research Fund. Amount: Rs.5 lakhs.

14. Design, development and validation of open source platform for AIISH digital repository and online public access catalogue. Investigators: Dr. Shijith Kumar C., Nanjunda Swamy, M., Nidheesh D., Lokesh P & Raghavendra, G.N. Funding: AIISH Research Fund. Amount: 3 lakhs.

15. 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. Ajish K. Abraham & Ms. P. V. Manjula. Funding: AIISH Research Fund. Amount: Rs.6.80 lakhs.

16. Discourse and working memory in Neurotypical individuals and adults with aphasia. Investigator: Dr. Hema, N. Funding: AIISH Research Fund. Amount: Rs.4.98 lakhs.

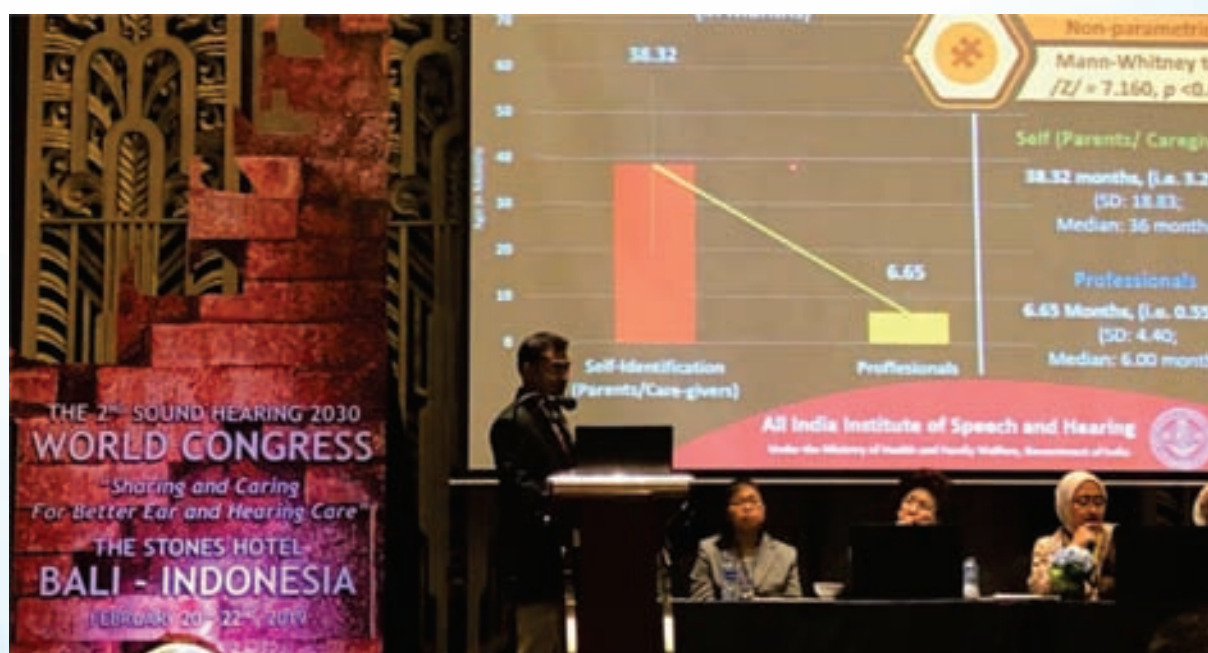
17. Effect of combined tactile, thermal and gustatory stimulation on feeding and swallowing in children with cerebral palsy. Investigator: Dr. N. Swapna. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.

18. Effect of resource materials on impact of inclusive education in children with intellectual disabilities & learning disabilities. Investigators: Dr. G. Malar & Ms. S. Prathima. Funding: AIISH Research Fund. Amount: Rs.3.85 lakhs.

19. Encoding of speech and music at auditory brainstem (frequency following response) with and without hearing aid. Investigator: Dr. Devi, N. Funding: AIISH Research Fund. Amount: Rs. 4.98 lakhs.

20. Executive functions in normal aging and persons with mild cognitive impairment. Investigators: Dr. R. Rajasudhakar & Dr. Abhishek, B. P. Funding: AIISH Research Fund. Amount: Rs.4.98 lakhs.

21. Feasibility of standardized neuro psychological tests in assessment of patients with aphasia. Investigators: Dr. Amrita Kanchan & Dr. Nawab A. Khan. Funding: AIISH Research Fund. Amount: Rs.3.30 lakhs.
22. Field testing of constant therapy in Hindi & Kannada. Investigators: Dr. S.P. Goswami & Dr. Swathi Kiran. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
23. Frequency of occurrence of phonemes in Hindi. Investigator: Dr. N. Sreedevi. Funding: AIISH Research Fund. Amount: Rs.4.98 lakhs.
24. Genetic insights of cerebral palsy using massively parallel sequencing. Investigator: Dr. N. Sreedevi. Funding: AIISH Research Fund. Amount: Rs.12.37 lakhs.
25. Genetics of sensori neural hearing loss. Investigators: Dr. K. Rajalakshmi, Dr. Jayakumar, T., Dr. Srinivas, K. & Dr. N. Sreedevi. Funding: AIISH Research Fund. Amount: Rs.9.28 lakhs.
26. 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: Rs.14.29 lakhs.
27. Product development of useful products of research carried out at AIISH. Investigators: Dr. Prashanth Prabhu, Dr. Priya M.B & Dr. Shijith Kumar C. Funding: AIISH Research Fund. Amount: Rs. 5.03 lakhs.
28. Reading impairments in Kannada-English bilinguals individuals with fluent & non-fluent types of aphasia. Investigators: Dr. Sunil Kumar Ravi, Dr. Pebbili Gopi Kishore & Dr. Shyamala, K. C. Funding: AIISH Research Fund. Amount: Rs.5.08 lakhs.
29. Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairment. Investigators: Dr. Geetha, C. & Dr. Chandni Jain. Funding: AIISH Research Fund. Amount: Rs. 5.05 lakhs.
30. TOLD-H: An adaptation of TOLD. Investigators: Dr. Brajesh Priyadarshi & Dr. S.P. Goswami. Funding: AIISH Research Fund. Amount: Rs. 4.96 lakhs.



New Research Projects

Twenty six research projects worth Rs. 229.780 lakhs were initiated in different departments during the reporting year. Of these, three projects worth Rs. 109.15 lakhs were funded by DST & the remaining by the institute

Extramural Research

1. Auditory and cognitive consequences of dys-synchronours auditory nerve activity. Investigators: Dr. Ajith Kumar U & Dr. Sandeep M, Funding: Department of Science & Technology. Amount: Rs.43 lakhs.
2. Development and validation of RoAS (Robot for Articulatory Simulation). Investigators: Dr. Ajish K. Abraham, Mr. Manohar, N., Dr. N. Swapna & Ms. Renuka, C. Funding: Department of Science & Technology. Amount: Rs.32.27 lakhs.
3. Neuro-audiological profiling of children with special language impairment. Investigators: Dr. Animesh Barman, Dr. Swapna N & Prashanth Prabhu, Funding: Department of Science & Technology. Amount: Rs.33.88 lakhs.

AIISH Funded Research

4. Automatic quantification of the glottal area in the stroboscopic videos using deep neural network. Investigators: Dr. P. Gopikishore, Mr. Rahul Krishnamurthy, Dr. Prasanta Kumar Ghosh, Dr. Suja, S. & Dr. T. K. Prakash. Funding: AIISH Research Fund. Amount: Rs.9.86 lakhs.
5. Behavioral and electro physiological correlates of lexical semantic activation in high and low proficient bilinguals. Investigators: Dr. Sandeep, M., Dr. Abhishek, B. P. & Dr. Chandni Jain.

Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.

6. Behavioural and electrophysiological (P300) correlates for visual and auditory process in alzheimer's diseases. Investigators: Dr. Hema, N. & Dr. Devi, N. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
7. Cognitive linguistic intervention program for children at risk for learning disability. Investigators: Dr. Jayashree C. Shanbal & Mr. Hariharan, V. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
8. Construction and validation of a short version of the impact scale for assessment of cluttering and stuttering (ISACS). Investigators: Dr. Santhosh, M. & Dr. Pallavi Kelkar. Funding: AIISH Research Fund. Amount: Rs.4.83 lakhs.
9. Design and development of e-learning platform and faculty profile system. Investigators: Dr. Shijith Kumar, C., Mr. Manohar, N. & Dr. Malar, G. Funding: AIISH Research Fund. Amount: Rs.4.68 lakhs.
10. Development and standardization of reading passages for children in Kannada. Investigator: Dr. Sangeetha Mahesh. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
11. Development and standardization of western aphasia battery in Tamil. Investigator: Dr. Hema, N. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
12. Development and validation of a mobile application tool for arithmetic concept teaching for preschoolers. Investigators: Ms. Renuka, C., Dr. Swapna, N. & Ms. Lakshmi Prabha, J. K. Funding: AIISH Research Fund. Amount: Rs.7.88 lakhs.

13. Development and validation of a screening tool for detection of dysphagia in neonates. Investigator: Dr. Swapna, N. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
14. Development of a preliminary test for assessment of prosody in children with SLI. Investigators: Dr. N. Sreedevi & Dr. Sangeetha, M. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
15. Development of AIISH hyperacusis assessment toolbox for individuals with tinnitus associated with hyperacusis. Investigator: Dr. Prashanth Prabhu, P. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
16. Development of an objective tool for aphasia assessment through artificial neural networks. Investigators: Dr. S.P. Goswami & Dr. Abhishek, B.P. Funding: AIISH Research Fund. Amount: Rs.4.83 lakhs.
17. Development of phonemically balanced word lists in Tamil language for adults. Investigators: Dr. Geetha, C. & Dr. Devi, N. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
18. Development of speech enabled communication tool for clients with speech impairment in Kannada. Investigator: Mr. Manohar, N. Funding: AIISH Research Fund. Amount: Rs.4.95 lakhs.
19. Electrophysiological assessment of auditory and vestibular neural functioning in individuals with diabetes mellitus. Investigators: Dr. Prawin Kumar, Dr. M. Bhanukumar, Dr. Niraj Kumar Singh, Mr. Vipin Ghosh & Dr. Kumari Apeksha. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
20. Implementation and validation of portable virtual acoustic spatial training (VAST) programme for remediation of spatial deficits in listeners with sensorineural hearing impairment (SNHL): a longitudinal time – series study. Investigators: Dr. Ajith Kumar, U. & Dr. Nisha, K.V. Funding: AIISH Research Fund. Amount: Rs.4.85 lakhs.
21. Perception and production of prosody in children with hearing impairment. Investigators: Dr. Yeshoda, K. & Dr. Sreeraj, K. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
22. Relationship between auditory abilities and iron deficiency anemia in adolescent girls. Investigators: Dr. Chandni Jain, Dr. Chetak, K. B. & Mr. Vipin Ghosh. Funding: AIISH Research Fund. Amount: Rs.5.33 lakhs.
23. Short term correlations between speech motor variability and behavioural dysfluencies in persons with stuttering following fluency shaping therapy. Investigators: Dr. Anjana B. Ram. & Mr. Mahesh, B. V. M. Funding: AIISH Research Fund. Amount: Rs.4.85 lakhs.
24. Speech identification in the non-aided ear in monaural hearing aid users. Investigator: Dr. Asha Yathiraj. Funding: AIISH Research Fund. Amount: Rs.4.93 lakhs.
25. Standardization of linguistic profile test (LPT) in Tamil. Investigator: Dr. T. Jayakumar. Funding: AIISH Research Fund. Amount: Rs.4.88 lakhs.
26. Vocal dose and immediate effects of the straw phonation exercises on parameters of vocal loading in carnatic classic singers. Investigators: Dr. Santhosh, M. & Dr. Usha Devadas. Funding: AIISH Research Fund. Amount: Rs.4.83 lakhs.

Doctoral Research

Totally, thirteen students completed their doctoral research during the reporting year, and among them eight were awarded the degree and the remaining five was under evaluation. In addition, 58 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

Candidate	Topic	Guide	Status
Degree Awarded			
Amulya P. Rao	Effect of Vowel Contexts And Phoneme Positions on Articulation of Phonemes in Children with Speech Sound Disorders: Pre-Post Therapy Comparison	Dr. N. Sreedevi	Awarded
Jithin Raj B.	Auditory, Neurophysiological and Cognitive Factors of Hearing aid, Acclimatization in Individuals with Cochlear Hearing Loss	Dr. M. Sandeep	Awarded
Kumari Apeksha	Effect of Noise and Amplification on Speech Perception in Individuals with Auditory Neuropathy Spectrum Disorder: Electro physiological and Behavioural study.	Dr. Ajith Kumar U.	Awarded
Nike Gnanateja G.	Effect of Speech intelligibility on the cortical entrainment to the temporal envelop of speech	Dr. Sandeep M.	Awarded
Nisha K. V.	Effects of Training on Regime on Behavioural and Electrophysiological Correlates of Auditory Spatial Processing in Individuals with Sensorineural Hearing Impairment	Dr. U Ajith Kumar	Awarded
Pebbili Gopi Kishore	Efficacy of Eclectic Voice Therapy Program in the Treatment of Hyper Functional Voice Disorders	Dr. M. Pushpavathi	Awarded
Reuben Jebaraj M.P.	The Influence of Hearing Aid Fitting Strategies on Speech Recognition in Individuals with Sloping Hearing Loss	Dr. P. Manjula	Awarded
Sreeraj K.	Comprehensive Audiological Characterization of Tinnitus in Individuals with Normal Hearing	Dr. P. Manjula	Awarded
Thesis Submitted			
Mahesh B. V. M.	Influence of Second Language (English) Proficiency on Speech Motor Variables in Bilinguals who Stutters	Dr. R. Manjula	Submitted
Megha	Perceptual, Cognitive and Neurophysiological Bases of Hearing Aid Acclimatization	Dr. M. Sandeep	Submitted
Shylaja K.	Test Battery for Symbolic Communication Skills in 2-4 year Typically Developing Children	Dr. R. Manjula	Submitted

Yashaswini R.	Presymbolic Dyadic Communication Behaviors in Typically Developing Children and Children with Intellectual Impairments (06-1.6 years): A Comparative Study)	Dr. R. Manjula	Submitted
Yashomathi	Comparison of Syntax in Indian Sign Language between Two Dialects	Dr. R. Manjula	Submitted

Table 2. Ongoing Doctoral Research

Candidate	Topic	Guide
Audiology		
Anoop B. J.	Cognitive and ERP Measures of Informational Masking in Young and Elderly Normal Hearing Individuals	Dr. Ajith Kumar U.
Anu Prasad	Auditory Processing and Auditory Working Memory in Children with Benign Epilepsy with Centrottemporal spikes/ rolandic epilepsy	Prof. Rajalakshmi K.
Arunraj K.	Clinical Validation of Wideband Absorbance Tympanometry in Detecting Middle Ear Disorders	Prof. Animesh Barman
Darga Baba Fakruddin	Effect of Age, Hearing Loss and Working Memory on Speech Recognition in Naïve Hearing aid Users.	Prof. Rajalakshmi K.
Deepashree S. R.	Auditory Brainstem Responses and Oto-acoustic emissions in infants born to mothers with iron deficiency anaemia	Dr. Ajith Kumar U.
Dhanya M.	Perceptual Cues of Coarticulation in normal hearing and individuals with hearing impairment in Malayalam	Dr. Sandeep M.
Dhatri S Devaraju	Behavioral and Electrophysiological Correlates of Auditory-Visual Integration in Persons with Stuttering	Dr. U. Ajith Kumar
Jawahar Antony 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	Prof. Animesh Barman
Jim Saroj Winston	Effect of short-term musical training on psychoacoustical, electrophysiological and working memory measures	Dr. Ajith Kumar U.
Krupa Saira George	Effect of Native and Non-Native Babble Background on Speech Identification of Individuals with Normal Hearing and Hearing Impairment	Dr. Rajalakshmi K.
Mamatha N. M.	Effect of auditory processing abilities on academic performance in Kannada speaking primary school children	Prof. Asha Yathiraj

Candidate	Topic	Guide
Merin Mathews	Audio-Visual Speech Perception in Individuals with ANSD: Effect of Audio-Visual Training Evidenced through ERP and Behavioural Measures.	Dr. Rajalakshmi K.
Pavan M.	Investigation of Mechanism 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	Prof. Rajalakshmi K.
Prajna Bhat J.	Brainstem Neurophysiological Correlates of Pitch Coding in Vocal and Instrument Musicians	Dr. K. Rajalakshmi
Priyadharshini K.	Effect of Auditory Training Using Envelope Enhanced Speech on Speech Perception Abilities in Persons with Auditory Neuropathy Spectrum Disorder	Dr. Ajith Kumar U.
Priyanka Jaisinghani	Validation of Speech Enhancement and Noise Reduction Strategies in Individuals with Sensorineural Hearing Loss and Auditory Neuropathy Spectrum Disorders.	Dr. Manjula P.
Priyanka V.	Temporal Processing, Speech Perception in Noise and Auditory Working Memory in Vocalists, Violinists and Non-Musicians	Prof. Rajalakshmi K.
Rakesh Gatla	Effect of Exposure to Below-Damage Risk Criteria Environmental Noise on Auditory Processing abilities	Dr. Sandeep M.
Reesha O. A.	Efficacy of Computer-Based Auditory Separation Training in Children with Auditory Processing Disorders	Dr. Prawin Kumar
Sahana V.	Auditory and Cognitive Profiling in normal hearing individuals with Occupational noise exposure	Dr. Ajith Kumar U.
Shreyank P. Swamy	Comparison of Contralateral Suppression of Otoacoustic Emissions between Children with APD and Children with ADHD	Dr. AshaYathiraj
Shubhaganga	Influence of Education, Employment and gender on auditory processing and cognition in older adults.	Dr. AshaYathiraj
Shubha Tak	Loudness Perception in Children Using Hearing Aids and Children using Cochlear Implants	Dr. AshaYathiraj
Sreena E. N.	Preferred Compression Amplification Setting for Individuals with Varying Audiogram Configuration	Dr. 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	Dr. Animesh Barman

Candidate	Topic	Guide
Vignesh S. S.	Auditory Vestibular Functions in Individuals with Multiple Sclerosis	Dr. K. Rajalakshmi
Vikas M. D.	Effects of Temporal Resolution, Working Memory and Personality on Hearing Aid benefit in Older Adults	Dr. Manjula P.
Yashashwini L.	Categorical Perception and Processing of Speech and Music stimuli in individuals with and without music training	Dr. Sandeep M.

Speech-Language Pathology		
Amoolya G.	Bilingual Effect on Written Language Skills in Kannada-English Bilingual-Biliterate Children with learning disability	Dr. Jayashree C. Shanbal
Anitha Naittee Abraham	Effect of Vowel Context and Phoneme Position on Correct Articulation of Phonemes in Malayalam Speaking Children with Down syndrome: A Pre Post Therapy Comparison	Dr. N. Sreedevi
Aparna V. S.	Speech and Language Outcomes in School Going Children after Early Primary Cleft Palate Repair	Dr. M. Pushpavathi
Darshan H. S.	A comparative study on Statistical Learning abilities in Persons with Aphasia and neurotypical individuals	Dr. S. P. Goswami
Deepak P.	Efficacy of VNEST in Persons with Aphasia	Dr. S. P. Goswami
Deepthi K. J.	Speech and Language Characteristics of 3-5 year old Children with Cleft of Lip and Palate	Dr. M. Pushpavathi
Deepthy Ann Joy	Acoustic and Articulatory Characteristics of Malayalam Speaking Children Using Cochlear Implant	Dr. N. Sreedevi
Divya Seth	Efficacy of Response Cost Treatment in Pre-School Children Who Stutter	Dr. Santosh M.
Gayathri Krishnan	Effect of Bolus Characteristics and Head Position on Respiratory-Swallow Coordination	Dr. S. P. Goswami
Geethi S.	Development of metapragmatic tool for adolescents in Malayalam and its validation on Children with Specific learning disorder	Dr. Shyamala K. C.
Girish K. S.	Development of norms for Nasospeech in typically developing children	Dr. M. Pushpavathi
Jyothi S.	Child -Directed Speech Versus Adult-Directed Speech: Comparison of Acoustic Measures Between Mothers of Typically Developing Children and Children with Hearing Impairment	Dr. Santosh M.

Candidate	Topic	Guide
Lakshmi S.Mohan	Development of Predictive Screening tool for Preschool Children with Autism Spectrum Disorders in Malayalam	Dr. Jayashree C. Shanbal
Manju Mohan	Novel Word Learning in Persons with Epilepsy	Dr. S. P. Goswami
Manju S.	Speech and language development in Malayalam speaking toddlers with repaired cleft lip and palate	Dr. M. Pushpavathi
Niharika M. K.	Cognitive-Linguistic Processing in Native Adult Speakers of Kannada	Dr. Prema K. S.
Nikitha M.	Gestural Processing in Aphasia	Dr. S. P. Goswami
Nirmal Sugathan	Comparison of Phonological Processing between Children Who Persist and Recover from Stuttering	Dr. Santosh M.
Priyanka	Cross-Linguistic Generalization of Fluency in Kannada-English Bilingual adults who Stutter: Effect of Non- Programmed Prolonged Speech Treatment	Dr. Santosh M.
Rakesh C. V.	Efficacy of Prolong Speech and Pause and Talk techniques in School-aged children with Stuttering: A comparison	Dr. Santosh M.
Ranjitha R.	Development and Standardization of a test battery to evaluate phonological representations in Malayalam speaking Pre-school Children	Dr. N. Sreedevi
Reuben Thomas Varghese	Comparison of Early Cognitive-Communicative Deficits between Persons with Dementia of Alzheimer's Type (DAT) and Mild Cognitive Impairment (MCI)	Dr. S. P. Goswami
Sahana M.	Development of Deep Test of Articulation for Pressure Consonants in Kannada for Persons with Cleft Lip and Palate	Dr. M.Pushpavathi
Sharon Susan Sam	Effect of Mapping on Novel Word learning in Malayalam-English Bilingual Children	Dr. Jayashree C. Shanbal
Sneha Mareen Varghese	Graphophonological-Semantic flexibility and reading comprehension in children with dyslexia	Dr. Jayashree C. Shanbal
Sonam Belliappa M.	Use of chin-tuck against resistance and neuromuscular electrical stimulation for swallow function in Parkinsons disease: a comparative study	Dr. S. P. Goswami
Srushti Shabnam	Acoustic voice quality index based dysphonia severity classification	Dr. M. Pushpavathi
Sunitha Sendilnathan	Effectiveness of a Parent Implemented Training Programme for Bilingual Children with Autism Spectrum Disorders	Dr. Shyamala K. C.

Candidate	Topic	Guide
Sushma Manjunath	Development and validation of therapy protocol for compensatory articulation in children with repaired cleft lip and palate	Dr. M. Pushpavathi
Vineetha Sara Philip	Symbolic Language abilities for aided communication in persons with aphasia	Dr. S. P. Goswami



Post Graduate 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 (69 Nos.) are given in table 3 and the ongoing research works (72 Nos.) in table 4.

Table 3: Completed Postgraduate Research

Candidate	Topic	Guide
Adithya Sugathan	Chained frequency specific tone burst stimuli for aided ABR threshold estimation in individuals with SNHL	Dr. Sreeraj K.
Aishwarya Lakshmi	Comparison of objective and subjective approaches for verification of RIC hearing aids	Dr. Manjula P.
Akriti Kumar	Phonotactic Development in 3-4 years old Native Hindi Speaking Children	Dr. N. Sreedevi
Ameena	Diadochokinesis in individuals with remitting-relapsing multiple sclerosis	Dr. Swapna N.
Amruthavarshini B.	Comparison of performance on SPIN-K between non-native Kannada speakers having Malayalam as native language and native Kannada speakers	Dr. Asha Yathiraj
Anagha Balachandran	Verbal working memory and discourse level	Dr. Jayashree C. Shanbal
Ananya Basappa	Evaluation of temporal processing abilities in individuals with hypertension.	Mr. Prashanth Prabhu P.
Angeline	Development of video for counseling hearing aid users and check its efficacy using hearing aid handling skills	Dr. Rajalakshmi K.
Anup Ghimire	Development of low frequency word lists in Nepali language	Dr. Prashanth Prabhu P.
Bhavana P. V.	Adaptation and Standardization of revised craig Handicap assessment and reporting technique (CHART) in Kannada	Dr. S. P. Goswami
Chaitra K. C.	Binaural Interaction Component for Speech Evoked ABR in Older adults.	Dr. Ganapathy M. K.
Chandan R.	Noise induced hearing loss effect and awareness in city bus drivers	Dr. Rajalakshmi K.
Chandan Kumar Nayak	Gap detection test using MLP -Development of normative in children (9-11 years)	Dr. Chandni Jain
Devika Vinod	Vocal Fundamental Frequency in Speakers of Kannada, Malayalam and Tamil	Dr. K. Yeshoda
Disha Chadda	Fast mapping in bilingual children	Shyamala K. C.
Disha P. Karnad	Evaluation of distortion product otoacoustic emission input output function in individuals with auditory neuropathy spectrum disorder	Dr. Prashanth Prabhu P.
Divya Vinod	Comprehension of sentence ambiguities in English speaking children	Dr. Jayashree C. Shanbal

Candidate	Topic	Guide
Divyashree K. N.	Acquisition of Clusters in Typically Developing Kannada Speaking Children – 3 to 6 years	Dr. N. Sreedevi
Eliza Baby	Lexical semantic organisation in neuro typical individuals	Dr. Abhishek B. P.
Harish Kumar M. K.	Effect of attitude towards hearing loss on hearing aid outcomes	Dr. Manjula P.
Jain Slesha, N.	Comparison of performance on SPIN-K between non-native Kannada speakers having Hindi as native language and native Kannada speakers	Dr. Asha Yathiraj
Juanita Sharon George	Conversation strategies used by persons with aphasia in varee communication settings	Dr. S. P. Goswami
Jyotsna	Lexical activation in Kannada-English neuro typical adults: An exploratory study	Dr. Abhishek, B. P.
Khatri Ehteshaam Anwar Hussein	Effect of Varying Interstimulus Interval on Multifrequency ABR	Dr. Sandeep M.
Mangal Yadav	Sentence perception abilities in presence of noise among hearing aid users	Dr. Prawin Kumar
Mayelmeit Lepcha	Vestibular problem in individuals with sensorineural hearing loss	Dr. Sujeet Kumar Sinha
Mayur Pathak	Speech evoked aided cortical potentials in adults using hearing aids	Dr. Prawin Kumar
Md. Yaseen	Vocal Symptoms and voice characteristics of imams	Dr. T. Jayakuamr
Megha K. N.	Effect of noise exposure and aging on ABR and OAEs	Mr. Sreeraj K.
Nayana P. V.	Lexical Neighbourhood Test for Children in Malayalam (LNT-M)	Dr. Asha Yathiraj
Nepoleon S.	Working Memory in Children with Speech Sound Disorder	Dr. Priya M. B.
Nikhil J.	Internet based cognitive behavioural therapy for adults with tinnitus in India	Dr. Rajalakshmi K.
Pooja Sreeram	Verbal working memory and reading comprehension of Syntactic Ambiguities in Typically Developing Children	Dr. Jayashree C. Shanbal
Prithivi T.	Gap detection test using MLP -Development of normative in children (7-9 years)	Dr. Chandni Jain
Priyadharshini V.	Sentence processing in children with and without SLI	Dr. R. Rajasudhakar
Priyanka T.	Rhythm Pattern of English in Adult Native Kannada Speakers	Dr. N. Sreedevi
Radhika Mathur	Correlation of self-assessment measures for tinnitus handicap with quality of life and its relation to psychoacoustic factors	Dr. Sreeraj K.
Raja Suman	The influence of Proficiency of the non-native background language on Speech recognition of native language	Dr. Geetha C.

Candidate	Topic	Guide
Rajesh	The effect of insertion gain and preferred gain on speech intelligibility	Dr. Geetha C.
Rakshata	Fast mapping in children with intellectual disability	Dr. Shyamala K. C.
Rakshith	Assessment of Localization and Cognitive Ability in Individuals with Hearing Impairment: A study on Simulated Road Traffic Environment	Dr. Hemanth N.
Reshli Y. V.	Working day vocal loading effect on voice parameters in mathematics and malayalam language teachers: a comparative study	Dr. R. Rajasudhakar
Reshmita	Lexical semantic activation in high and low proficient adults	Dr. Abhishek B. P.
Rashmi R. Singh	Overall Assessment of Speakers Experience of Adolescents in Indian C. Ontext	Dr. Sangeetha. M.
Rose Leema K.	F2 Transition in Vowel to Vowel Context in Children with Stuttering	Dr. Sangeetha M.
Revathi R.	Relation between Notes, Scales, Swaras, Octaves and their Corresponding Frequencies	Dr. K. Yeshoda
Rucha	Efferent Auditory Pathway and language learning	Dr. Ajith Kumar U.
Runali Patil	Effects of Prolonged Exposure to Air Conditioners on Voice Quality: A Preliminary Study	Dr. K. Yeshoda
Sabina Shameen Taj	Maternal linguistic measures of children with repaired cleft lip and palate and typically developing children	Dr. M. Pushpavathi
Sam Publius, A.	Practice effects of odd ball paradigm in P300 responses	Dr. Sandeep M.
Santoshi	Objective measures of strength and endurance of lips and tongue in typically developing indian children	Dr. Swapna N.
Seshasri	Acoustic voice quality index in Kannada speaking children in the age range of 10-12 years	Dr. Pebbili Gopi Kishore
Shezeen	Relationship between contralateral inhibition of otoacoustic emissions and speech perception in noise: effect of signal to noise ratio and linguistic load	Dr. Ajith Kumar U.
Shilpa Abraham	Measure of vocal stability in female trained singers and nonsingers	Dr. K. Yeshoda
Shiyaam Sundar	Outcome of experienced users of wireless synchronization digital hearing aids using Speech, Spatial and Qualities questionnaire.	Dr. Geetha C.
Shruthi G. N.	Effect of noise on context dependant brainstem encoding of speech	Dr. Sandeep M.
Spoorthi Niranjana	Adaptation and Standardization of Community integration questionnaire (CIQ-R) to kannada Language	Dr. S. P. Goswami
Sujan	Frequency Discrimination Treatment and Relapse on Tinnitus: A Single Subject Design	Dr. Hemanth N.
Sumanth	Language skills in 7 to 10 years children with repaired cleft palate	Dr. M. Pushpavathi

Candidate	Topic	Guide
Suprabha Kappadi	Effect of Occupational Noise exposure on Efferent	Dr. Ganapathy M. K.
Tanvi Bhingare	Auditory System.Auditory and visual recall abilities in neurotypical adults	Dr. Shyamala K.C.
Tasni Jahan	Vocal characteristics in 3rd semester pregnant women	Dr. T. Jayakuamr
Udhayakumar R	Comparison of syllabic and dual compression on non-linear hearing aid processed Malayalam chimeric sentences	Dr. Devi N.
Vandana	Lexical access in persons with remitting-relapsing multiple sclerosis	Dr. Swapna N.
Varsha	Auditory working memory skills in normal hearing individuals exposed industrial noise	Dr. Ajith Kumar U.
Varsha C. S.	Relationship between some aspects of Temporal processing and speech in noise scores in individuals with normal hearing	Dr. Animesh Barman
Vasupradaa	Adaptation of Rapid Automatized Naming Test in Tamil (RAN-T)	Dr. R. Rajasudhakar
Vinayagar P. T.	Comparison of syllabic and dual compression on non-linear hearing aid processed Kannada chimeric sentences	Dr. Devi N.
Vishwaraj	Prevalence and audiological characteristics of single sided deafness in individuals with sensorineural hearing loss reported to AIISH 2015-2018	Dr. Hemanth N.



Table 4: Ongoing Postgraduate Research

Candidate	Topic	Guide
Aakanksha Pandey	Effect of physical activity on P300 and working memory	Dr. Chandni Jain
Abinaya R.	Psychoacoustic measure of Temporal processing and speech perception in older adults with normal hearing and Hearing aid users of 4 channel V/s 12 channel hearing aids.	Dr. K. Rajalakshmi
Acharekar Rashmi Madhukar	Evaluation of utricular function using ocular vestibular evoked myogenic potentials and subjective visual vertical test in Individuals with sensorineural hearing loss without vestibular disease	Dr. Sujeet Kumar Sinha
Advaith B.	Cross sectional study of personality, Anxiety and depression in individuals with Auditory neuropathy spectrum disorders	Ms. Mamatha N. M.
Ajay H. M.	Audiometric profiling on small scale flour mill workers	Dr. K. Rajalakshmi
Amit Kumar	Sensitivity and specificity of smartphone based hearing testing applications	Dr. Ganapathy
Anarse Chhandase Shrikanth	Functioning of olivocochlear bundle and speech perception in noise: Effect of Age	Dr. Ajith Kumar U.
Anupama R.	Relationship between contralateral inhibition of otoacoustic emissions and speech perception in noise: Effect of age, signal to noise ratio and masker	Dr. Ajith Kumar U.
Anusmitha Mathew	Assessment of disfluencies as a predictor of cognitive effort in ageing.	Dr Anjana B. Ram
Aparna U.	Effect of speech babble on listening effort and mental fatigue in Malayalam-Kannada bilingual speakers	Dr. Hemanth N.
Arpitha V.	Reading in Kannada-English biliterate children with developmental dyslexia: a study through eye-tracking method	Dr. Jayashree. C Shanbal
Ashique Rahman M.	Effect of Yoga on Auditory processing abilities in older adults	Ms. Mamatha N. M.
Bhalerao Sanketh Satish	Effect of physical activity on psychophysical abilities and speech perception in noise	Dr. Chandni Jain
Biswajith Pradhan	Contralateral suppression of Distortion product otoacoustic emission fine structure on Industrial workers	Dr. Prawin Kumar
Celestial Lydia	Dysphonia Severity Index in Phononormic Young Adults Using the Praat Program	Dr. Pebbili Gopi Kishore
Dafiah P. M.	Effect of Sour and Carbonated Liquid Bolus on Hyolaryngeal Elevation during Swallow	Dr. Swapna, N.
Darshan Hiremath	Effect of speech enhancement on listening effort and fatigue in individuals with hearing impairment older adults	Dr. Hemanth N.
Divya Mary Jose	Effect of hearing aid bandwidth on speech identification in children using bimodal devices	Dr. Manjula P.

Candidate	Topic	Guide
Durga S.	Effect of hearing aid bandwidth on cortical evoked responses in bimodal cochlear implantees	Dr. Manjul, P.
Durga S. Kumar	Prevalence of auditory neuropathy spectrum disorders in children (January 2018 - December 2018)	Dr. Prawin Kumar
Faheema Luquman Ali	Cortical encoding of speech and non speech in Individuals with Auditory neuropathy spectrum disorders	Dr. Ganapathy
Gowtham H. S.	Effect of language familiarity on assessment of stuttering behaviours by speech language pathologists across indian languages	Dr Anjana B. Ram
Hima Nair	Immediate Effects of Laryngeal Manual Therapy on Voice Quality in Individuals With Muscle Tension Dysphonia	Dr. Pebbili Gopi Kishore
Jagrati Sharma	Music touches where words alone can't	Dr. K. Rajalakshmi
Jumana Mithalaj A. K.	Effect of vocal musical training on temporal resolution, frequency discrimination and speech perception in noise in children	Dr. Ajith Kumar U.
Kamalakannan K.	Influence of number of frequency bands, envelope and fine structure cues on perception of tamil chimeric sentences	Dr. N. Devi
Kavitha G. S.	Input/output function of DPOAE in instrumental musicians	Dr. Sreeraj K.
Kavya S. Murthy	Contralateral suppression of distortion product otoacoustic emissions input-output function in individuals with auditory neuropathy spectrum disorders	Dr. Prasanth Prabhu P
Khyathi G. Jain	Measures of Hyolaryngeal Excursion in Post stroke Survivors for Different Bolus Volumes and Viscosities	Dr. Swapna N.
Kishore Kumar Bharshetty	Outcome evaluation of listening training interventions with/ without focused counseling on experiences of caregiver's having children with hearing impairment	Ms. Mamatha N. M.
Kriti Arora	Effect of type of stimuli on the benefit derived from envelope enhancement in individuals with ANSD	Dr. Sandeep M.
Lavanya H. S.	Clinical utility of various binaural interaction tests in the assessment of CAPD	Dr. Chandni Jain
Malavika Salim	Objective measures of strength and endurance of lips and tongue in healthy adults in India	Dr. Swapna N.
Manasa	Perceptual analysis of speech in individuals with repaired cleft palate: An insight into few variables.	Dr. Pushpavathi M.
Minu	Surface Electromyographic Assessment of Laryngeal Muscle Tone in Phononormic Adults	Dr. Pebbili Gopi Kishore
Manish V.	Effect of speech sample size on the frequency of stuttering like disfluencies (SLD) in adults who stutter	Dr. Santosh M.
Anitta	Cognitive flexibility in high end low proficient bilinguals	Dr. Abhishek B. P.

Candidate	Topic	Guide
Deeepa	Working Memory Assessment in individuals with and without Aphasia using distinct [semback] linguistic processing ability	Dr. Hema, N.
Farzeena Jabeen	Vocal load characteristics in Imams using Ambulatory Phonation Monitor	Dr. T. Jayakumar
Karunika	Working memory assessment in individuals with and without aphasia using distinct [synback] linguistic processing ability	Dr. Hema N.
Malavi Srikar	Lexical semantic activation in younger and older adults	Dr Abhishek B. P.
Navya K.	Prevalence and risk factors for voice problems and effect of voice projection training in Imams	Dr. T. Jayakumar
Renita	Standardization of Linguistic Profile Test (LPT) in Tamil	Dr. T. Jayakumar
Shalini	Effects of Steady and Fluctuating Semi-Occluded Vocal Tract Exercises on few Acoustic and Electro glottographic parameters of Voice in phono - normals	Dr. R. Raja Sudhakar
Shital Jambule	Design fluency and macro linguistic aspects of narratives in elderly individual with and without Mild Cognitive Impairment	Dr. Hema N.
Sivaranjini	Effect of phonation types on vocal fold adduction in Phono-normal individuals	Dr. R. Raja Sudhakar
Spoorthi C.	Lexical and semantic bases for new word learning	Dr Abhishek B. P.
Vishali	Acoustic Voice Quality Index in Tamil language	Dr. R. Raja Sudhakar
Amrutha J.	Effect of vocal loading on self perceptual and acoustic parameters in Carnatic signers	Dr. Santosh M.
Keren O. B.	Vocal Fatigue using Vocal Fatigue Index (VFI): A Comparison among Different Levels of School Teachers	Dr. K. Yeshoda
Krithika G.	Differences in Singing Pedagogy Across Vocalists Trained in Carnatic and Hindustani Styles: A Questionnaire-based Study	Dr. K. Yeshoda
Susan	Comparison of habitual and high-pitched phonation tasks between teachers with and without vocal fatigue	Dr. Santosh M.
Thanuja D.	Acoustic Characteristics of Pain Cry in the First 3 Months of Life: A Longitudinal Study	Dr. K. Yeshoda
Namratha.V	Short term effects of speech motor skill learning on lip aperture variability and kinematic duration in persons with stuttering	Dr. Mahesh B. V. M.
Neha Banerjee	Evaluation of auditory stream segregation in individuals with cochlear pathology and auditory neuropathy spectrum disorder	Dr. Prasanth Prabhu P.
Patil Mohini Shirish	Assessment of otolith organs and semicircular canal function in individuals with diabetes mellitus	Dr. Sujeet Kumar Sinha
Penwal Suman	Effect of cross motor activities on auditory integration	Dr. Asha Yathiraj

Candidate	Topic	Guide
Pratyasha Jamuar	Representation of concrete and abstract words in mental lexicon of children with Learning Disability	Dr. Jayashree. C. Shanbal
Priya Khader	Efferent system functioning in pediatric population using DPOAE input and output function	Dr. Sreeraj K.
Reny Raju	Reading in children with Dyslexia: An exploratory study through Eye-tracking method	Dr. Jayashree C. Shanbal
Ritu A. Venkatesh	Effect of different artifact rejection levels on ABRs and ALLRs	Dr. Sandeep M.
Santosh Kumar Patel	cVEMP & oVEMP tuning curve in individual with diabetes mellitus	Dr. Sujeet Kumar Sinha
Saranya M.	Evaluation of differential sensitivity for frequency, intensity and duration in individuals with hypertension	Dr. Prasanth Prabhu P.
Satish Kumar Patel	Effect of stimulus polarity on context dependent brainstem encoding of speech	Dr. Sandeep M.
Sharanya K. Kumar	Contralateral Suppression of Transient Evoked Otoacoustic Emissions in School Going Children for Various Noise Types	Dr. Sreeraj K.
Sneha Uttakalika	The relationship between some aspects of temporal processing and speech in noise in older adults with normal hearing	Dr. Animesh Barman
Sonia C.	Effect of noise induced hearing loss on difference limen for frequency, intensity and duration	Dr. N. Devi
Sridhar S.	Comparison on perception of envelope and temporal fine structure cues in unaided and aided conditions using kannada chimeric sentences	Dr. N. Devi
Vanapalli Yamini	Temporal processing abilities in individuals with blindness	Dr. Asha Yathiraj
Vijaya Varsha	Speech and Language Characteristics in kannada speaking Toddlers with Repaired Cleft lip and Palate	Dr. Pushpavathi M.
Vishnu Mohan	Effect of ageing on efferent auditory system	Dr. Ganapathy M. K.
Yashwanth Kumar	Listening effort and fatigue in individuals with noise induced hearing loss	Dr. Hemanth N.

Scientific Presentations

The faculty, staff and students of the institute presented 139 scientific papers in various national and international conferences during the reporting year.

1. Abhishek, B. P. & Swaliha Shahmam (2019) Auditory discrimination for meaningful and non meaningful minimal pairs in persons with aphasia and neuro typical population. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
2. Abhishek, B. P. & Swaliha Shahmam (2019). Semantic priming versus association priming: a preliminary investigation. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
3. Abhishek, B. P, Malavi Srikar & Reny Raju (2019). Discourse abilities in persons with psychological disorders. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
4. Abhishek, B. P, Malavi Srikar & Reny Raju (2019). Utility of masked priming paradigm in treatment of anomic aphasia. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
5. Abhishek, B. P. (2019). Lexical access in individuals with TBI. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
6. Abhishek, B. P. & Rajasudhakar, R. (2019) Cognitive flexibility and response inhibition abilities in individuals with MCI and older individuals. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
7. Ajish K Abraham (2018). Typical spectral characteristics of plosives in speech of children with hearing impairment. Paper presented at 13th Western Pacific Acoustics Conference, New Delhi.
8. Ajish K. Abraham (2018). Efficacy of a wiener filter based technique for speech enhancement in hearing aids. Paper presented at 20th International Conference of World Academy of Science Engineering & Technology Kyoto, Japan
9. Akhilesh Kumar, D., Pushpavathi M., Ajish K. A., Girish K. S., Mahadeva Prasanna S. R. & Dandapat. S. (2018). Sinusoidal model based features for analysis of hypernasality severity. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
10. Akshatha Yogendra, Prawin Kumar, Swapna, N., Animesh Barman & Arunraj, K. (2019). Effect of occupational noise on audiometric thresholds in industrial workers. Paper presented at 51st Indian Speech & Hearing Association Conference, Bengaluru.
11. Alfiya Khaleel., Ameera Banu., Gopika Vinod., Swapna, N., Navya & Prathima, S. (2019). Effect of thermal tactical gustatory stimulation on feeding, oromotor aspects and drooling in a child with cerebral palsy- a case study. Poster presented at the 51st Indian Speech and Hearing Association Conference, Bengaluru.
12. Alka, C. K., Monam Sinha, Ardra, K. & Prashanth Prabhu, P. (2019). Evaluation of difference limen for frequency, intensity and duration in individuals with visual impairment. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
13. Alok Kumar, U. (2019). Effectiveness of play way technique to teach prepositions to children with hearing impairment at

- primary school level. Paper presented at the International Conference on Reflecting on Success & Barriers in Implementing Inclusive Education for Children with Special Needs in India, Puducherry.
14. Ameera, Anshidha, Chandana & Abhishek, B. P. (2019). Attentional set shifting abilities in dominant and balanced bilinguals. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 15. Amrutha Varshini, B., Slesha Jain & Asha Yathiraj (2019). SPIN-K in non-native Kannada speakers: comparison of native Hindi and Malayalam speakers who are non-native Kannada speakers. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 16. Anjana, K., Shobha, B. N. & Kadambari, N. (2019). Impact of cross disability approach in enhancing the life skills in children with autism spectrum disorder - A case study. Paper presented at the National Conference on Inclusive Rehabilitation: Converging Mental Health & Special Education Needs, New Delhi.
 17. Anju, B. T. & Swapna N. (2018). Insights into the speech intelligibility and naturalness of persons with PD in relation to their speech usage. Paper presented at International Workshop on Speech Processing for Voice, Speech and Hearing Disorders, Mysuru.
 18. Anne, M. A. & Swapna, N. (2018). Relationship between motor functioning, eating and drinking ability and communication ability in adolescents with cerebral palsy. Paper presented at XIII National Conference of Indian Academy of Cerebral Palsy, Kolkata.
 19. Anu Sara Anish, Devika Vijayan, Annika Shiju, Rama Devi, S., Shanthala, S. P. & Prashanth Prabhu, P. (2019). Audio-vestibular findings in an adult with arnold chiari malformation. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 20. Anup Ghimire, Nirnay Kumar Keshari, Sachidanand Sinha & Vibhuti Birthare (2019). Validation of tinnitus handicap inventory in Hindi language. Poster presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 21. Aparna. A. & Pushpavathi, M. (2019). Language and cognitive linguistic skills in children with repaired cleft lip and palate. Paper presented at the 51st Indian Speech and Hearing Association Conference, Bengaluru.
 22. Ardra, K., Monam Sinha, Alka, C. K. & Prashanth Prabhu, P. (2019). Assessment of binaural integration abilities in individuals with visual impairment. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 23. Arunraj, K., Swapna, N., Yashaswini, B. C. & Prawin Kumar (2019). Rehabilitation of individuals with communication disorders in rural India: an outreach based model. Paper presented at the 2nd Sound Hearing 2030 World Congress, Indonesia.
 24. Arunraj, K. & Sabarish, A. (2019). Referral rate of infants for identification of hearing loss by the health care medical professionals: current Indian scenario. Paper presented at the 2nd Sound Hearing 2030 World Congress, Indonesia.
 25. Arunraj, K., Animesh Barman, Swapna, N. & Pavana Mohan (2019). Age of

- identification of hearing impairment and associated risk factors: public versus professional approach. Paper presented at the 2nd Sound Hearing 2030 World Congress, Indonesia.
26. Arunraj, K., Swapna, N., Yashaswini, B. C. & Prawin Kumar (2018). Outreach service model to increase access to the person with communication disorders in remote and rural areas of Karnataka. Paper presented at the 4th India International Science Festival, Lucknow.
 27. Asha Yathiraj & Vanaja, C. S. (2019). Sensitivity and specificity of temporal ability screening test (TAST) in older adults. Paper presented at 51st the Indian Speech & Hearing Association Conference, Bengaluru.
 28. Aswathy, Hibasherin, Haripriya, Gopika & Swapna, N. (2019). Parental experiences and awareness of feeding problems in their infants with intellectual disability. Poster presentation at the 51st Indian Speech and Hearing Association Conference, Bengaluru.
 29. Balan, J. R. & Maruthy, S. (2018). Speech perception and cortical potentials in individuals with auditory neuropathy spectrum disorders. Paper presented at Manipal Academy of Higher Education.
 30. Banoth Shoban, G. Jeevan, S. P. Pruthvik & Jain Chandni (2018). Validation of smartphone threshold audiometry. Paper presented at the Western Pacific Conference on Acoustics, New Delhi.
 31. Bansal, Shalini & Sinha Sujeet Kumar (2019). Complete peripheral vestibular function test in severe to profound hearing loss individual. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 32. Basavanahalli Jagadeesh, A. & Kumar, A., (2018). Informational masking during working memory task. Paper presented at the Hearing Across the Lifespan Conference, Italy.
 33. Biswajit Pradhan, Prawin Kumar, Reesha, O. & Abdul Hussain (2019). Test retest reliability of contralateral suppression of distortion product otoacoustic emission fine structure in individuals with normal hearing. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 34. Brajesh, P. (2018). Lexical fast mapping competency in children with specific language impairment. Paper presented at 40th International Conference of Linguistic Society of India, Mysuru.



35. Chandni Jain & Kirti Joshi (2018). Effect of age on modulation detection threshold. Paper presented at the 11th Indian Speech Language & Hearing Association Conference, Kerala.
36. Chandni Jain, Priya, M. B. & Kirti Joshi (2018). Auditory processing in children with speech sound disorders. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
37. Chandni Jain., Priya, M. B. & Kirti Joshi (2019). Relationship between temporal processing and phonological awareness in children with speech sound disorders. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
38. Chaya, N. & Hema, N. (2019). Narrative discourse abilities in wernicke's aphasia. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
39. Deepak, K. P., Goswami, S. P., Darshan, H. S. & Abhishek, B. P. (2019) Knowledge and awareness of dementia in general public: a survey study. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
40. Deepika, Haripriya & Abhishek B. P. (2019). Efficacy of tele rehabilitation in a stroke survivor with aphasia. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
41. Durga S. Kumar, Saranya, M., Devi, N. & Chandni Jain (2019). Medial olivocochlear functioning and speech perception in noise in polycystic ovary syndrome (PCOS). Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
42. Durga S. Kumar, Aparna, U., Reesha, O., Abdul Hussain & Prawin Kumar (2019). Perception of speech in presence of noise on native and non-native listeners. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
43. Ehteshaam Anwar Hussein & Sandeep Maruthy (2019). Effect of varying the interstimulus interval on multi frequency auditory brainstem response. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
44. Gayathri, K. & Goswami, S. P. (2019). Respiratory (de)coupling in healthy swallows: head position effect. Paper presented at the Annual Conference of Dysphagia Research Society, San Diego, USA.
45. Gayathri, K. & Goswami, S. P. (2019). Chin-down position and bolus volume: complimenting or complicating. Paper presented at the 51st Indian Speech and Hearing Association Conference, Bengaluru.
46. Gayathri, K. & Goswami, S. P. (2019). Temporal sequencing of swallowing events in persons with persistent dysphagia post stroke. Paper presented at the 51st Indian Speech and Hearing Association Conference, Bengaluru.
47. Gayathri, K., Manju, M., Goswami, S. P., Radhika S., Sylaja, Muralidharan & Kesavadas, C. (2018). Swallowing physiology across bolus consistencies in persistent post stroke dysphagia. Paper presented at International Conference on the Essentials of Stroke Care, Kerala.

48. Geetha Chinnaraj, Chandni Jain & Keerthi Sringari Parmeshwara (2018). Effect of age and hearing loss on auditory processing abilities. Poster presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
49. Geetha Chinnaraj, Chandni Jain & Keerthi Sringari Parmeshwara (2018). Effect of age on binaural integration using dichotic digit test. Paper presented at the 11th Indian Speech Language & Hearing Association Conference, Kerala.
50. Girish, K. S., Pushpavathi, M., Ajish K. Abraham & SRM Prasanna (2019). Comparison of nasalance values of nasometer and nasospeech. Paper presented at the Indocleft Conference, Varanasi.
51. Gupta, S. K. (2019). Video-self modelling following cognitive behaviour therapy for stuttering. Paper presentation at the 54th National and 23rd International Conference of Indian Academy of Applied Psychology, Haryana.
52. Haripriya, T., Gopika Vinod, Hiba Sherin, Indira, C. P. & Sandeep Maruthy (2019). The role of MOCB in central auditory processing. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
53. Hemanth, N. (2019). Frequency discrimination task in game format to treat tinnitus. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
54. Hrishitha, V. M., Neha Mansoor Ali, Vibhuti Sharma, Jeslin Jose & Prashanth Prabhu, P. (2019). Does martial art training improve binaural integration? a preliminary study. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
55. Husna Firdose & Niraj Kumar Singh (2019). Age related changes in inter-frequency amplitude ratio of ocular vestibular-evoked myogenic potentials. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
56. Indira, C. P. & Sandeep Maruthy (2019). Performance intensity function of speech perception in noise- the effects of linguistic redundancy and hearing loss. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
57. Jithin Raj Balan & Sandeep Maruthy (2018). The effect of acoustic-enhancement on audio-visual perception in individuals with auditory neuropathy spectrum disorders. Paper presented at Indian Speech Language & Hearing Association Conference, Kerala.
58. Jyothi Shivaswamy, Sreeraj, K., Animesh Barman & Sujeet Kumar Sinha (2019). Prevalence of communication disorders across different parts of India. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
59. Kavitha, G. S., Madhumanti Chakraborty, Devi, N. & Prashanth Prabhu, P. (2019). Distortion product otoacoustic emissions input output function in individuals with and without musical abilities. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
60. Kirti Joshi & Chandni Jain (2019). Test

- retest reliability of various psychoacoustic measures using maximum likelihood procedure. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
61. Krishnan, G. & Goswami, S. P. (2019). Temporal coordination of swallowing events in persistent dysphagia in post stroke. Paper presented at 51st Indian Speech & Hearing Association Conference, Bengaluru.
 62. Kumari Apeksha & Ajith Kumar, U. (2019). Effect of acoustic features on discrimination ability in individuals with auditory neuropathy spectrum disorder: an electro physiological and behavioural study. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 63. Lakshmi Prabha, J. K & Palnaty Vijetha (2019). Teachers knowledge about hearing impairment & referral services in Mysore. Paper presented at 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices, Chennai.
 64. Lekshmi, J. L., Abnamole, S. & Prabhu, P. (2018). Evaluation of frequency following response using speech stimulus in bharatanatyam dancers and non-dancers. Paper presented at the Western Pacific Conference on Acoustics, New Delhi.
 65. Lokheshwar, S. & Rajasudhakar, R. (2018). Adaptation and validation of vocal fatigue index (VFI) in Kannada. Paper presented at the Hong Kong Speech & Hearing Symposium, Hong Kong.
 66. Madhurya, Lesin Hanan, Thanushri, Deepika & Abhishek, B. P. (2019). Word association abilities in typically developing children, Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 67. Mahesh, B. V. M., Jayashree, K. & Joel, J. (2018). Articulatory stability for voiced and unvoiced labiodental sequences: a revisit to the discoordination hypothesis in persons with stuttering. Paper presented at the 13th Western Pacific Conference, New Delhi.
 68. Malavi Srikar, Reny Raju & Abhishek, B. P. (2019). Investigating the effect of stimulus variables on naming performance in younger and older adults. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 69. Malavi Srikar, Reny Raju & Abhishek, B. P. (2019). Retrieval of nouns and verbs in persons with aphasia. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 70. Manju, M. P & Goswami, S. P. (2019). Acquisition of novel words via fast mapping and explicit encoding in persons with epilepsy. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 71. Manjula, P. V. & Ramanakumari, P. V. (2019). Yoga augments holistic development of preschool children with hearing impairment. Paper presented at the 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices, Chennai.
 72. Manohar, N. (2018). A digital communicator for people with visual and speech impairments. Paper presented at 3rd National Conference on Electronics, Signals and Communication, Mysuru.

73. Manohar, N. (2018). Smart assistive device for physically challenged people. Paper presented at 3rd National Conference on Electronics, Signals and Communication, Mysuru.
74. Monika Tetwal, Chandni Jain & Devi, N. (2018). Temporal processing and working memory in children and adults with stuttering. Poster presented at International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
75. Naina Johnson, Annika Shaiju, Adya Parmar & Abhishek, B. P. (2019). Lexical access in young and older adults. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
76. Navya Belpu, Brunda, Jahnavi & Abhishek, B. P. (2019). Lexical semantic organization in visually challenged and neuro typical children. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
77. Navya Belpu, Brunda, Jahnavi & Abhishek, B. P. (2019). Variables affecting the sensitivity of voice based recognition systems. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
78. Nayana, M., Tejaswini Shambhu, Arunraj, K., Swapna, N. & Prawin Kumar (2019). Prevalence of hearing impairment and risk factors in newborns under neonatal hearing screening program in southern city of Karnataka. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
79. Nidhi Hegde, Rajat Bullakkanavar, Renuka, C., Veena, R. & Ajish K. Abraham (2018). A technical approach to find defects during articulation of phonemes. Paper presented at the 3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, Mysuru.
80. Nikhilesh, Sanjay & Abhishek, B. P. (2019). Recall abilities in children with learning disability as a function of modality of stimulus presentation. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
81. Niraj Kumar, Nainitha, K. K. & Prawin Kumar (2019). Identifying the safe stimulus



- intensity for cervical vestibular-evoked myogenic potentials. Paper presented at 51st Indian Speech & Hearing Association Conference, Bengaluru.
82. Nisha, K. V. & Ajith Kumar (2019). Auditory neural correlates of spatial training in listeners with sensorineural hearing impairment: a high density electroencephalography study. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 83. Nisha, K. V. & Ajith Kumar, U. (2019). Application of virtual acoustic technology for auditory spatial training in listeners with sensorineural hearing impairment. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 84. Pallikal Mehurnissa & Hema, N. (2018) Cognitive-linguistic abilities in wernicke's aphasia. Paper presented at the Hong Kong Speech & Hearing Symposium, Hong Kong.
 85. Prashanth Prabhu, P., Banumathi, Deepika, H. S. & Thanushree, K. (2019). Does blood group affect differential sensitivity for frequency, intensity and duration—a preliminary study. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 86. Prawin Kumar & Mangal Chandra Yadav (2019). Sentence perception abilities in presence of noise among hearing aid users. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 87. Prawin Kumar, Swapna, N., Subrat Kumar Behara & Saroj Sahoo (2018). Newborn hearing screening and its associated risk factors – a preliminary data from government hospital. Paper presented at Cochlear Implant Group of Indian Conference, Daman.
 88. Prawin Kumar, Swapna, N., Kavita Sachdeva & Anup Ghimire (2019). Newborns hearing screening in India: current status in NBS NSCBMC, JABALPUR. Poster presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 89. Prawin Kumar, Swapna, N., Pavana & Ehteshaam Khatri (2019). Comparison between government and private hospitals outcome in connection with newborn hearing screening in Mysore city. Poster presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 90. Prithi, V. & Dhivya, D. (2019). Ensuring quality assurance in vocational and technical education. Paper presented at the 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices, Chennai.
 91. Prithi, V. & Subramanya, K. R. (2019). Strategies for ensuring quality assurance in vocational and technical education. Poster presented at the 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices, Chennai.
 92. Priya, M. B., Divya Seth & Sandeep, M. (2019). Exploring the speech rhythm characteristics in individuals with auditory neuropathy spectrum. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 93. Priyanka & Santosh, M. (2019). Generalisation of fluency to untreated

- language in Kannada-English bilingual adults who stutter. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
94. Priyanka Jaisinghani, Manjula, P. & Ajish K. Abraham (2018). Systematic review on the performance evaluation of speech enhancement strategies in individuals with normal hearing and those with hearing loss. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
 95. Priyanka, K. & Santosh, M. (2018). Comparison of aspects of stuttering in Kannada-English bilingual adults who stutter. Paper presented at the Joint World Congress of the International Fluency Association, Hiroshima, Japan.
 96. Pushpavathi, M., Ajish K. A., Girish K. S., Mahadeva Prasanna, S. R. & Dandapat, S. (2018). Relative contribution of hypernasality, consonant production errors, and voice disorders on the intelligibility of cleft lip and palate speech. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
 97. Pushpavathi, M. (2018). An insight into the characteristics of speech of persons with cleft lip and palate. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
 98. Raghav Jha, Prawin Kumar, Aditi Gargeshwari & Niraj Kumar (2019). Otolith and semicircular canal function in individuals with calcium homeostasis dysfunction. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 99. Rajasudhakar, R. (2018). Lexical processing in individuals with diabetes. Paper presented at the Hong Kong Speech & Hearing Symposium, Hong Kong.
 100. Rakesh, C. V. & Santosh, M. (2019). Adaptation and validation of communication attitude test (CAT) to Kannada speaking school-going children who stutter. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 101. Rakesh, C. V. & Santosh, M. (2019). Adaptation and validation of speech situation checklists (SSC) to Kannada speaking school-going children who stutter. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 102. Raksha Anand, Anjana, K. & Subalakshmi. (2019). Evidence based research in developing social skill in children with down's syndrome—a case study. Paper presented at the National Conference on Inclusive Rehabilitation: Converging Mental Health & Special Education Needs, New Delhi.
 103. Ramanakumari, P. V. & Manjula, P. V. (2019). Effectiveness of developed computer based tutor for concept learning in preschool children with hearing impairment. Paper presented at the 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices, Chennai.
 104. Renuka, C. (2018). Adaptive machine learning –An Innovative hearing aid technology. Paper presented at 3rd IEEE International Conference, Mysuru.

105. Renuka, C. (2018). Can we accelerate autism discover is through eye tracking and machine learning technology? Paper presented at 3rd IEEE International Conference, Mysuru.
106. Reuben, T. V. & Goswami, S. P. (2018). Exploring speech motor control using temporal analysis in persons with dementia of alzheimer's type. Poster presented at the Alzheimer's Association AAIC Satellite Symposium, Bengaluru.
107. Reuben, T. V. & Goswami, S. P. (2018). Semantic fluency: a speech marker for persons with dementia of alzheimer's type. Poster presented at the India International Science Festival, Lucknow.
108. Reuben, T. V., Agnes, C. S. & Anu, A. (2019). Exploring visuo-spatial memory skills in mental abacus users. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
109. Reuben, T. V., Aiswarya S., Alfiya, K. & Sruthi, R. (2019). Cognitive flexibility in broken family children. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
110. Reuben, T. V., Devika, V. & Alka, C. K. (2019). Does ayurveda play a role in improving speech, social, sensory and behavioral skills in children with autism spectrum disorders? Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
111. Reuben, T. V., Hitashini, C. N., Gayathri. U. & Amar, K. (2019). Cognitive flexibility in persons with dementia of alzheimer's type & normal healthy elderly individuals. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
112. Ritwik Jargar, Rohit Bhattacharyya, Nethra, R., Darshita, K., Mesmin Rajkumar & Prashanth Prabhu P. (2019). Test re-test reliability of distortion product input-output function: a preliminary study. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
113. Rohit, B., Ritvik Jargar, Netra, Mesmin Rajkumar & Abhishek, B. P. (2019). Lexical naming for fusion pictures. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
114. Sam Publius & Sandeep Maruthy (2019). Effect of familiarization to odd ball paradigm task on P300. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
115. Sandeep Kumar, Sanjida Hussain & Prawin Kumar (2019). Effect of age on auditory discrimination and temporal resolution abilities in school going children. Poster presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
116. Seth, D. & Santosh M. (2019). Effectiveness of response cost treatment for early stuttering. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
117. Shanbal, J. C. (2018). Auditory sensory issues in children with autism spectrum disorders. Paper presented at the 3rd International Conference on Challenging Exclusion, Chennai.
118. Shanbal, J. C. (2018). Challenging exclusive education: potential pointers for early identification of children with learning disability. Paper presented at 3rd International Conference on Challenging

- Exclusion, Chennai.
119. Sharon, J. & Goswami, S. P. (2019). Art of communication in aphasia. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 120. Shobhan, B., Madhu, S. B. & Prabhu, P. (2018). Effect of filtered speech on speech identification scores of Telugu speaking young adults with normal hearing. Paper presented at the Western Pacific Conference on Acoustics, New Delhi.
 121. Shreya Sivaramakrishnan, Malavika Puthiyadam, Indira, V., Pooja, S. V. & Prashanth Prabhu, P. (2019). Evaluation of auditory stream segregation through profile analysis in children with abacus training. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 122. Shreyank P. Swamy & Asha Yathiraj (2019). Contralateral suppression of TEOAEs using global and half-octave bands: comparison of reliability in children and adults. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 123. Sneha, P. & Devi, N. (2018). Frequency following response for music with and without hearing aids. Paper presented at the 11th Indian Speech Language & Hearing Association Conference, Kerala.
 124. Sneha, P. & Devi, N. (2018). Neural processing of speech and music with and without hearing aids. Poster presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
 125. Sreeraj Konadath, Suma Chatni & Akshay Mahadeva (2019). Noise levels across different land use patterns in the city of Mysuru. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 126. Srikanth Nayak (2019). Estimation of gap detection thresholds in adults using cortical auditory evoked potentials. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 127. Srikar Vijayasathya & Animesh Barman (2019). Individual variability of phonemic restoration of speech in noise and its correlation with speech in noise performance in individual with normal hearing. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 128. Srikar Vijayasathya, Meghana Mohan, Pratibha Nagalakshmi, N. G. & Animesh Barman (2019). Indications of hidden hearing loss in subjects with normal hearing exposed to occupational noise. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 129. Sugathan, N. & Santosh, M. (2019). Phonological encoding and working memory in Kannada speaking adults who stutter. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
 130. Sujeet Kumar Sinha & Anuj Kumar Neupane (2019). Effect of aging on tympanometric findings in Indian population. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
 131. Sujeet Kumar Sinha (2019). Cervical and ocular vestibular evoked myogenic potentials together can predict the contralateral ears involvement in

- individuals with meniere's disease. Paper presented at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar.
132. Swapna, N., Tejaswini, Arun Raj & Prawin Kumar (2018). Effect of inclusion of automated auditory brainstem response in the newborn hearing screening - a preliminary study. Paper presented at XIII National conference of Indian Academy of Cerebral Palsy, Kolkata.
133. Udhayakumar, R. & Devi, N. (2018). Comparison between syllabic compression processed and unprocessed Malayalam chimeric sentences. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
134. Udhayakumar, R. & Devi, N. (2019). Comparison of syllabic and dual compression hearing aid processed Malayalam chimeric sentences. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
135. Varsha, M. Athreya & Animesh Barman (2019). Temporal resolution: behavioural measure and its neural correlates in individuals with normal hearing sensitivity. Paper presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
136. Vibuti, Jeslin Jose, Hrishita, Neha & Abhishek, B. P. (2019). Development of subject-verb agreement in typically developing children. Poster presented at the 51st Indian Speech & Hearing Association Conference, Bengaluru.
137. Vikram, C. M., Pushpavathi, M., Ajish, K. A., Girish, K. S. & Mahadeva Prasanna, S. R. (2018). Spectro-temporal analysis of stop consonant production errors in children with cleft lip and palate. Paper presented at the International Workshop on Speech Processing for Voice, Speech and Hearing Disorders-A Satellite Workshop of Interspeech, Mysuru.
138. Yashodharakumar, G. Y. (2019). Anxiety in children with and without learning disability. Paper presented at the National Annual Conference on Psychology for Health, Happiness, and Humanity, Mumbai.
139. Yeshoda, K., Rinsha, R & Annslin, M. L., (2018) Voice characteristics in female individuals with respiratory issues. Paper presented at the Western Pacific Conference on Accousitcs, New Delhi.



Scientific Publications

The faculty, staff and students of the institute published 91 scientific papers in various national and international journals and 43 in in-house journals during the reporting year. In addition, 19 books/book chapters and 2 papers in conference proceedings were published.

Journal Publications

1. Abhishek, B. P. (2018). Utility of masked priming paradigm in treatment of anomic aphasia: An exploratory study. *Research and Reviews: Journal of Neuroscience*, 8(3), 1-4.
2. Abhishek, B. P. & Akshay, M. (2018). Utility of mobile apps in speech-language therapy. *International Journal of Bio Medical Engineering*, 4(2), 1-4.
3. Abhishek, B. P. & Jyotsna, K. (2018). Taxonomic and thematic organization of nouns in aphasia. *International Journal of Genetic Engineering and Recombination*, 4(1), 1-4.
4. Abhishek, B. P. & Nadeer, M. (2018). Does sibling stimulation facilitate second language proficiency in bilingual children, *International Journal of Bionics and Biomaterials*, 4(2), 11-15.
5. Abhishek, B. P. & Venkatesh, R. (2018). Syntactic judgement abilities in typically developing children and children diagnosed with learning disability. *International Journal of Bionics and Biomaterials*, 4(1), 1-4.
6. Abhishek, B. P. (2018). Speech and language profile in a client diagnosed with drug-induced Parkinsonism. *Research & Reviews: A Journal of Toxicology*, 8(3), 1-4.
7. Abhishek, B. P. (2018). Speech and language profiling in twins with lowe syndrome. *International Journal of Molecular Bio technology*, 4(1), 1-4.
8. Abhishek, B. P., Akhila, C. & Janani, C. (2018) Selective attention in typically developing children and young adults, *International Journal of Bionics and Biomaterials*, 4(2), 16-21.
9. Abhishek, B. P., Akhilandeshwari, S, & Devika, V. (2018). Contextual cuing for retrieval of nouns and verbs in persons with anomic aphasia. *Research and Reviews: Journal of Medical Science and Technology*, 7(2) 1-5.
10. Abhishek, B. P., Arpita, V. & Khyathi, J. (2018). Semantic operations in persons with aphasia. *International Journal of Molecular Biotechnology*, 4(2), 104-108.
11. Abhishek, B. P., Jitendra, K. S. & Pritismitha, K. S. (2018). New word learning ability in adults. *Research and Reviews: A Journal of Health Profession*, 8(2), 1-5.
12. Abhishek, B. P., Khurana, S., Anand, A. and Archita, R. S. (2018). Effect of processing instructions on discourse abilities. *Research Journal of Language Literature and Humanities*, 3(1), 12-15.
13. Abhishek, B. P. (2018). Category specific semantic knowledge in neurotypical participants and participants with MCI. *International Journal of Animal Biotechnology and Applications*, 4(1), 17-20.
14. Abhishek, B. P. (2018). Discourse abilities in persons with psychogenic disorders. *Research and Reviews: Journal of Neuroscience*, 8(3), 9-11.

15. Abhishek, B. P., Navya, B. & Brunda, R. (2018). Lexical semantic organization in visually challenged and neurotypical children. *Research & Reviews: A Journal of Bioinformatics*. 5(3), 37–41.
16. Abhishek, B. P., Sanjay, S., Akash, C., Jeslin, J. & Malavi, S. (2018). Primary progressive aphasia: comparing two case studies. *Research & Reviews: Journal of Medical Science and Technology*. 3(1), 1-4.
17. Abhishek, B. P., Zohra, Namitha, Kavitha & Yaazhini, D. (2018). Phonological short term memory in typically developing children and children with learning disability. *International Journal of Bionics and Biomaterials*, 4(2), 1-4.
18. Abraham, A. K. (2018). Efficacy of a wiener filter based technique for speech enhancement in hearing aids. *World academy of science, engineering and technology, international science index, Medical and Health Sciences*, 12(11), 3498.
19. Akshay, M. M. & Sangeetha, M. (2018). Automatic annotation of reading using speech recognition: a pilot study. *Research & review: A Journal of Bioinformatics*. 5(2), 25-29.
20. Akshay, M. M., Sreedevi, N., Arunraj, K. & Shanbal, J. (2018). Infant screening system based on cry analysis. *International Annals of Science*, 6(1), 1-7.
21. Akshay, M., Devi, N., Renuka, C. & Ajish K. Abraham (2018). Need for robotic resources in speech and hearing: an Indian study. *International Journal of Advances in Science, Engineering and Technology*, 6(1), 35-38.
22. Alexei, K., Tabain, M., Sreedevi, N. & Beare, R. (2018) Manner and place differences in Kannada coronal consonants: articulatory and acoustic results. *The Journal of the Acoustical Society of America*, 144, 3221; <https://doi.org/10.1121/1.5081686>.
23. Amoolya, G. & Shanbal, J. C. (2018). Grammaticality in written language of bilingual-biliterate children with learning disability. *Language in India*, 18 (8), 1-14.
24. Amoolya, G. & Shanbal, J. C. (2018). Accuracy and syntactic measures of written language in biliterate children with learning disability. *Journal of Child Language Acquisition and Development*. 6(1), 1-20.
25. Amulya P. Rao & Sreedevi, N. (2018). Contextual effects of vowels on correct production of retroflex in Kannada speaking children with speech sound disorder: a case study. *Research & Reviews: Journal of Computational Biology*, 7(2), 46-66.
26. Amulya P. Rao & Sreedevi, N. (2018). Effects of phoneme-position on correct production of sounds in children with speech sound disorder: a case study. *Journal of Children Language Acquisition and Development*, 6(1), 45-58.
27. Balan, J. & Maruthy, S. (2018). Dynamics of speech perception in the auditory-visual mode: an empirical evidence for the management of ANSD. *Journal of Audiology & Otology*, 22(4), 197-203.
28. Balan, J. & Maruthy, S. (2018). Relative contribution of visual cues and acoustic enhancement strategies in improving speech perception of individuals with auditory neuropathy spectrum disorders. *Indian Journal of Otology*, 24(3), 139-147.
29. Brajesh, P. & Ghimere A. (2018). Influence of native language on non native language's vowel duration: a study of Nepali and

- Hindi speakers' vowel duration. *International Journal of Innovative Knowledge Concept*. 5 (7), 78-82.
30. Brajesh, P. & Akshay M. (2018). A relook into language tests in India: an explorative study. *Journal of Child Language Acquisition and Development*. 6(2), 74-88.
 31. Brajesh, P. & Shabnam S. (2018). Kinship terms of Garhwali and Hindi languages spoken in Dehradun district of Uttarakhand: a comparative study. *Journal of Advanced Linguistic Studies*. 7 (1-2), 264-273.
 32. Dechamma, D. & Maruthy, S. (2018). Envelope modulation spectral analysis of solo reading and choral reading conditions suggest changes in speech rhythm in adults who stutter. *Journal of Fluency Disorders* (58), 47-60. doi.org/10.1016/j.jflu dis. 2018.09.002.
 33. Deepak, P., Darshan, H. S & Rajasudhakar, R. (2018). A pre-post comparison of articulatory behaviours in accent training: preliminary investigation. *International Journal of Mind, Brain & Cognition*, 9(1-2), 9-22.
 34. Deepthi, K. J. & Pushpavathi, M. (2018). The effect of vowels on the nasalance values in Kannada speaking preschoolers with repaired cleft lip and palate. *International Journal of Interdisciplinary research and innovations*, 6 (3), 383-388.
 35. Deepthi, K. J. & Pushpavathi, M. (2018). Language skills in 3-5 year old children with repaired cleft lip and palate. *International Journal of Interdisciplinary Research and Innovations*, 6(3), 342-349.
 36. Deepthi, K. J. & Pushpavathi, M. (2018). Voice characteristics of Kannada speaking 3-5 year old children with repaired cleft lip and palate. *Global Journal of Otolaryngology* 16 (5). DOI: 10.19080/GJO.2018.16.555950.
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Clinical Care

Patient Registration

Totally, 22,037 new clients were registered for availing clinical services at the institute during the reporting year. In addition, 51,872 case files were retrieved for repeat/follow up visits for various evaluations. The geographical and gender-wise details of new clients are given in table 1. Majority of them (20,668) were from Karnataka, the state in which the institute is located, followed by the neighboring states of Kerala (730), Tamil Nadu (221), and Andhra Pradesh (178). Also there were clients from U.K, Maldives and Nepal. Males (13401) outnumbered females (8636) in availing clinical services.

Table 1: Geographical & gender wise distribution of new clients



Sl. No	Locality	Male	Female	Total
1.	Andra Pradesh	115	63	178
2.	Assam	15	3	18
3.	Bihar	21	8	29
4.	Chhattisgarh	2	1	3
5.	Delhi	2	2	4
6.	Goa	6	0	6
7.	Gujarat	2	1	3
8.	Haryana	5	1	6
9.	Himachal Pradesh	1	0	1
10.	Jharkhand	12	8	20
11.	Karnataka	12468	8200	20668
12.	Kashmir	1	0	1
13.	Kerala	486	244	730
14.	Madhya Pradesh	7	4	11
15.	Maharashtra	23	11	34
16.	Manipur	1	1	2
17.	Meghalaya	0	1	1
18.	Nagaland	1	0	1
19.	Orissa	5	2	7
20.	Rajasthan	9	1	10
21.	Tamil Nadu	155	66	221
22.	Telangana	10	5	15
23.	Tripur	2	0	2
24.	Union Territories	8	0	8
25.	Uttar Pradesh	22	5	27
26.	Uttaranchal	1	1	2
27.	West Bengal	21	5	26
28.	Other countries	0	3	3
Total		13401	8636	22037

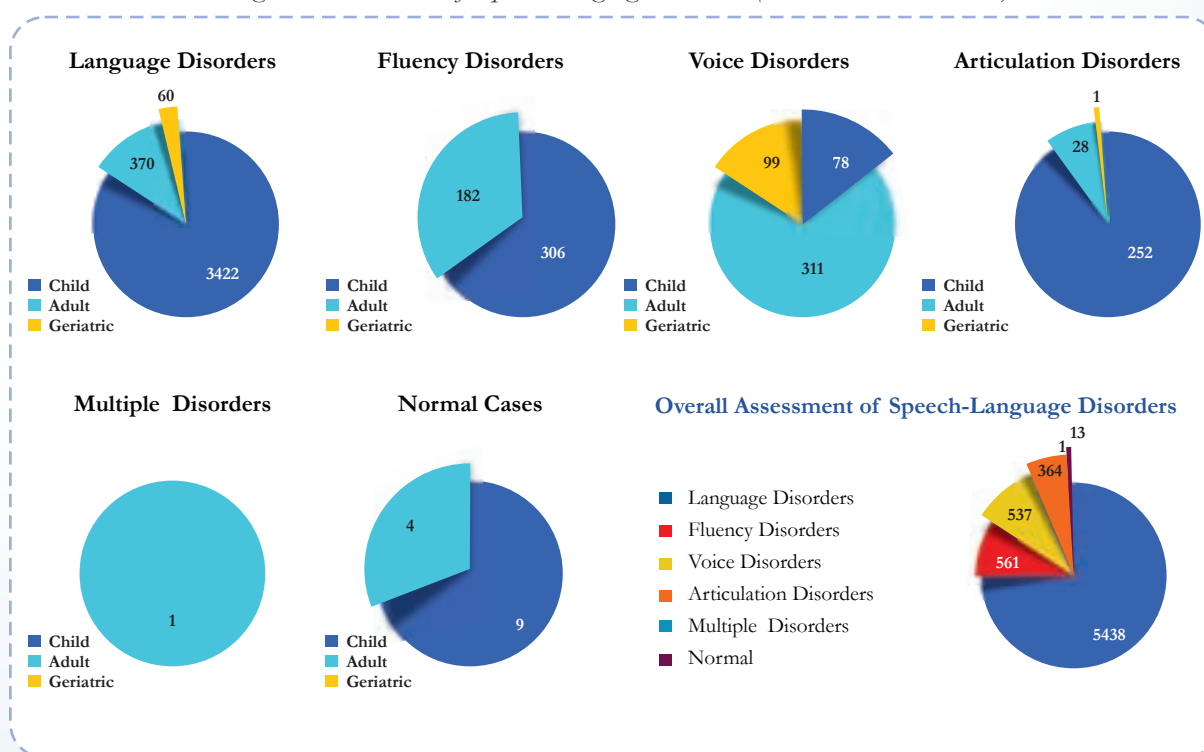
Speech and Language Assessment and Rehabilitation

The speech and language outpatient unit evaluated 6,914 clients which include 5,123 new and 1791 review cases. Of the new cases, 5,110 were identified with various kinds of speech and language disorders and 13 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	
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G		
April	368	32	4	46	21	0	9	27	10	40	3	0	0	0	0	0	0	0	560	
May	341	16	1	54	14	0	13	32	12	42	2	0	0	0	0	0	0	0	527	
June	388	44	3	39	13	0	5	31	6	25	3	0	0	0	0	0	0	0	557	
July	369	51	8	21	20	0	7	28	5	14	1	0	0	0	0	0	0	0	524	
Aug	255	44	6	15	16	0	7	22	2	16	2	0	0	0	0	0	0	0	385	
Sept	270	30	15	15	14	0	4	25	10	14	2	0	0	0	0	0	0	0	399	
Oct	235	30	1	31	7	0	5	28	6	27	3	0	0	0	0	0	0	0	373	
Nov	203	14	2	18	12	0	5	25	10	14	2	0	0	0	0	0	0	0	305	
Dec	278	34	7	25	24	0	12	22	14	13	5	0	0	0	0	0	0	0	434	
Jan	251	28	4	20	13	0	8	20	9	18	2	0	0	0	0	0	0	0	373	
Feb	233	25	6	8	15	0	3	24	6	13	2	0	0	0	0	9	4	0	348	
March	231	22	3	14	13	0	0	27	9	16	1	1	0	1	0	0	0	0	338	
Total	3422	370	60	306	182	0	78	311	99	252	28	1	0	1	0	9	4	0		
Disorder-wise Total	3852+1586			488+73			488+49			281+83			01+0			13+0			5123+1791	
Over All	6914																			

Figure: 1 Assessment of Speech-Language Disorders (New cases Disorder-wise)



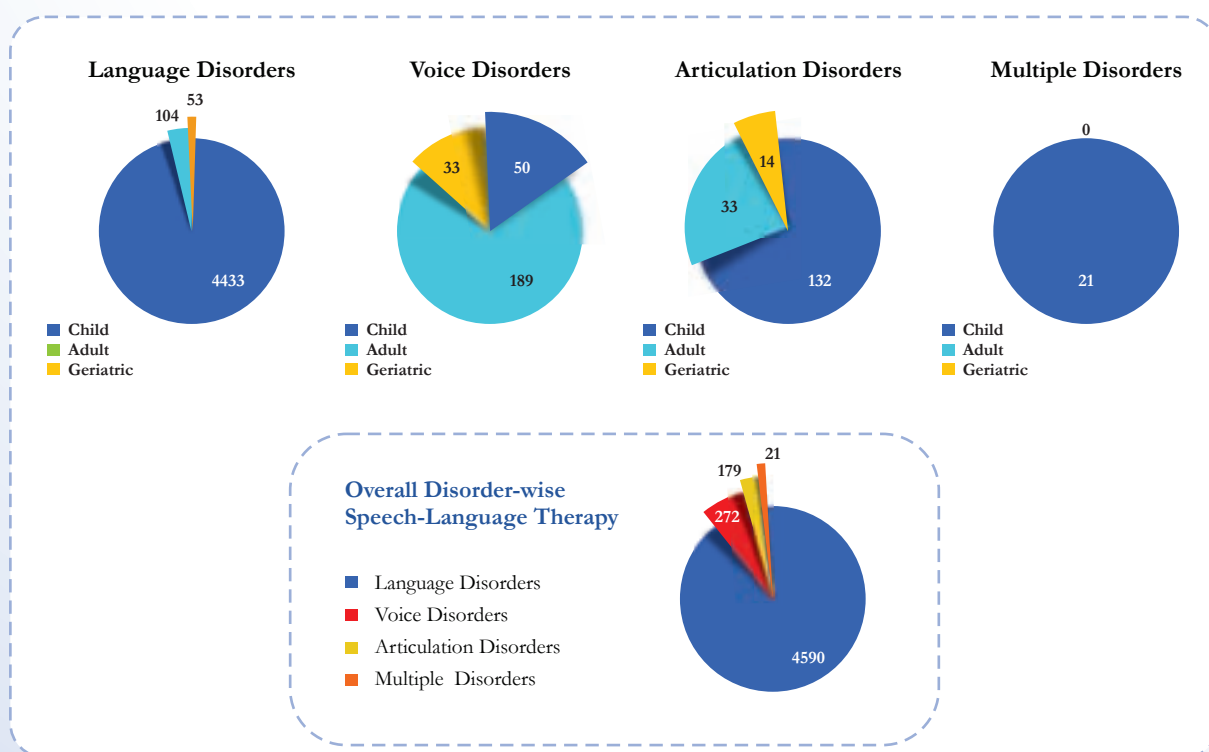
Clients requiring further management were given various speech/language therapies depending upon the type and severity of disorder, for daily sessions of 45 minutes duration. A total of 25,731 therapy sessions were conducted for 5,062 persons with speech/ language disorders during the reporting year. The details of disorder- wise therapy carried out are given in table 3 and figure 2.

Table 3: Speech-Language Therapy

Disorders	Language Disorders			Voice Disorders			Articulation Disorders			Multiple Disorders			Total
Months	C	A	G	C	A	G	C	A	G	C	A	G	
April	240	0	2	4	8	2	18	0	1	7	0	0	282
May	152	0	2	1	5	0	14	0	0	1	0	0	175
June	261	0	0	2	9	0	7	0	1	0	0	0	280
July	350	8	4	2	11	3	5	2	0	0	0	0	385
Aug	477	12	7	5	28	3	12	3	0	2	0	0	549
Sept	401	6	4	2	10	3	13	3	0	2	0	0	444
Oct	426	17	4	5	15	2	7	2	0	2	0	0	480
Nov	193	11	7	3	20	2	3	4	1	0	0	0	244
Dec	326	5	4	6	17	1	1	3	1	0	0	0	364
Jan	554	11	4	7	21	3	21	6	4	3	0	0	634
Feb	531	18	8	6	23	5	15	6	4	2	0	0	618
March	522	16	7	7	22	9	16	4	2	2	0	0	607
Total	4433	104	53	50	189	33	132	33	14	21	0	0	5062
Disorder-wise Total	4590			272			179			21			
Over All	5062												

C- Child, A- Adult, G- Geriatric

Figure 2: Speech-Language Therapy (Individual)



Speech and language assessment and therapeutic services were also provided at the 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
Mysore	30	3	5	8	6			0		
Lucknow	135	99	56	100	0	269	140	64	147	0
Mumbai	560	9	34	10	53	1236	20	67	40	85
Ajmer	196	90	122	136	13	133	305	106	153	69
Delhi	44	15	3	35	2	35	11	1	27	0
Ranchi	194	25	25	35	10	129	15	18	23	4
Shimla	143	292	82	61	45	143	292	82	61	45
Bhagalpur	23	5	72	22	5	21	3	23	13	2

Audiological Assessment and Rehabilitation

Hearing Evaluations were carried out on individuals who complained of hearing problems. In outpatient department a total of 15738 clients were assessed. Hearing evaluations were carried out on 13,525 individuals at Jayachamaraja Block in Clinical services. The details of the audiological evaluation are given in table 5.

Table 5: Hearing Evaluation

Category	Total	Category	Total
Clients seen in OPD	15738	Clients with unil HL	1467
Clients evaluated for in JC Block	13525	Clients with bil HL	10344
Client seen in camp	140	Ears with Aud. Dys-synchrony	102
Normal hearing	2616		
Minimal	1068	Clients with APD	15
Mild	1115	Clients with Funl HL	125
· Moderate	1112	Clients - tinnitus evaln	255
· Moderately severe	889	Clients for PTA	12915
· Severe	903	Clients for Sp.Aud	12924
· Profound	1431	Clients for Immitt. evln	13062
. Minimal to mild	24	Clients for OAE	4515
. Mild to moderate	84	Clients for ABR	3520
. Mod.to modtly severe	68	Clients for VEMP	131
. Modtly severe to sev.	106	Clients for VHIT	43
. Severe to profound	198	Clients for BOA	462
. Moderate to severe	102	Clients for VRA	141
. Sloping	1105	Clients for LLR	8
Ears tested having	00		
. Conductive hearing	2789		
. Mixed hearing loss	4077		
. SN hearing loss	6701		

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 6668 and 5291 hearing aids were prescribed at AIISH. Of the 6668 clients evaluated, 2407 were female and 4261 male. The details are given in table 6 and figure 3.

Table 6: Hearing Aid Trial

Hearing Aid Trial	Total	Hearing Aid Trial	Total
No. of clients seen for HAT	6668	No. of clients recommended for	
HAs prescribed at AIISH	5291	Auditory training	1252
· Body level hearing aids	459	Speechreading	78
· Analogue BTE	258	HA prescribed on exchange	3
· Digital BTE	3858	Unaided/aided audiograms	1061
· Trimmer Digital BTE	11	Aided audiogram for CI	204
· Mini BTE	66	BOA	99
· Digital ITE	0	Aided VRA	96
· Digital ITC	29	Conditioning	1227
· Digital CIC	46	Programming of digital HA	3094
· Digital RIC	558	Reprogramming of HA	1017
Testing for CI candidacy	37	No. of IGO done	226
		EAC of hearing aids done	56
		Retrial with CEM	381
		Recommended for ear plugs	124
		Unaided & aided LLR done	00
		Rec. for CI candidacy	113



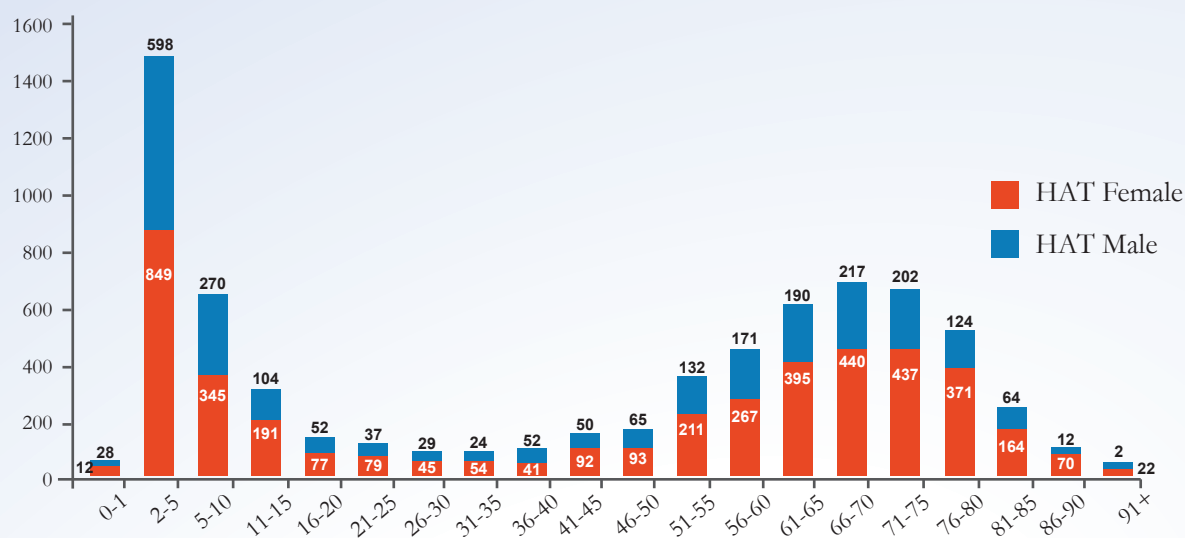


Figure 3: Hearing Aid Trial

At Ear mould lab, ear impressions were taken for 5475 clients. Ear impressions were taken for 2043 new and 3516 old clients at AIISH and 140 in community based camps. The earmould details are given in table 7.

Table 7: Earmold Statistics

Category	Total	Category	Total
Clients attended	5475	Soft mould made	4212
New clients	2043	Hard canal moulds	1
Old clients	3516	Soft canal moulds	58
At Camp	140	Instant moulds	30
Ear impressions taken	5256	ITC impression made	99
Free-of-cost	2849	Swimmer plug (soft)	71
100% payment	5713	Swimmer plug (hard)	14
Ear imprn taken-camp	216	No. of ear blocked	178
CPL impressions	340	EMs with aco. modifcns.	671
EMs completed	8020	CPL moulds completed	5
No. Mould Lacquered	1780	No. of students posted	175
No. of sound tube issued	1698		
Hard regular moulds	642		
Hard shell mould made	436		

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 Routine Psycho-Diagnostic Assessment for Screening and Identification, Detailed Psychological Assessment including specialized assessment such as assessment for Learning Disability, neuro-psychological assessment, assessment for disability certification, behavioral assessment and assessment for skill training and Psychological Intervention including behavior modification programs, home based skill training programs, cognitive-behaviour and group intervention programs for caregivers.

Routine psycho-diagnostic assessment was carried out for 5370 new and 1398 repeat cases at the Department during the reporting year. The detailed is given in table 8.

Table 8: Routine Psycho-Diagnostic Assessment

Classification of disorders according to the criteria included in Chapter V (F) of ICD-10		
F 70#	Mental retardation	1656
F 80.0	Specific speech articulation disorder	290
F 80.1	Expressive language disorder	503
F 80.2	Receptive language disorder	281
F 88#	Other disorders of psychological development	396
F81#	Specific developmental disorders of scholastic skills	980
F 84#	Pervasive developmental disorders	48
F 98.5	Stuttering (stammering)	448
F 44.4	Dissociative motor disorders	12
F00-F99	<i>Other</i> disorders included in Chapter V (F) of ICD-10	442
<i>The code # refers to "condensed" codes (Ref ICDIO PC)</i>		
Classification according to the criteria included in Chapter XVIII (R) of ICD 10		
R 47.0	Dysphasia and aphasia	39
R 41.83	Borderline Intellectual Functioning	958
<i>Avg. Intelligence with disorders classified elsewhere</i>		715
TOTAL		6768

Detailed psychological assessment includes intelligence / developmental (315 cases in 486 sessions), psycho-educational (839 cases in 1882 sessions), neuropsychological (10 cases in 76 sessions), personality (2 cases in 2 sessions), behavioural (38 cases in 109 sessions) and forensic assessments (2 cases in 25 sessions).

The psychological intervention provided includes behavior modification (135 cases in 215 sessions), cognitive behavior therapy (13 cases in 35 sessions), neuropsychological rehabilitation (4 cases in 14 sessions) and motor disorder rehabilitation (12 cases in 34 sessions).

Referred Evaluation-2: Otolaryngological Assessment and Rehabilitation

The Otorhino-laryngological assessment and rehabilitation for persons with communication disorders were being carried out at the Department of Otolaryngology. In addition to the clinical services provided at the Institute, the Department staffs rendered diagnostic, therapeutic and surgical services at K.R. Hospital, Mysore Medical College, Mysore. Totally, 18047 new and 21618 review cases were examined during the reporting year at the institute, and 6116 microscopic, 130 stroboscopic / endoscopic examination, 100 vertigo, 42 otoendoscopic and 07 diagnostic naso endoscopic examinations were carried out. Also, 11299 new and 10867 repeat cases were examined and 109 major and 600 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 during the reporting year at the following clinical units.

Augmentative and Alternative Communication (AAC) Unit: The AAC unit supported, enhanced and provided alternative methods of communication for individuals who are non-verbal. The unit evaluated 58 new and 103 therapy cases in 414 sessions during the reporting year. It also trained 21 PG students.

Autism Spectrum Disorders (ASD) Unit: Assessment and treatment were provided for 203 clients with autism spectrum disorders at the ASD unit during the reporting year. The unit also attended 337 therapy and 47 demonstration therapy cases. Thirteen therapy cases discharged during the period. The total number of therapy sessions conducted was 1948.

Clinic for Adult and Elderly Persons with Language Disorders (CAEPLD): CAEPLD provides clinical services to adult and elderly persons. Totally, 67 clients were evaluated in the clinic during the reporting year. The number of therapy cases were 46 and therapy sessions 196. Also there were 35 DT cases. Twenty six cases were discharged.

Dysphasia Unit: This unit facilitates assessment and management of persons with swallowing disorders. The unit evaluated 31 cases in 36 sessions. Also, there were 10 therapy cases. The number of cases discharged was 5.

Fluency Unit : This unit catered to the needs of persons with stuttering and other fluency disorders and provided clinical services to 425 persons with fluency disorders in 2251 sessions during the reporting year.

Implantable Hearing Devices Unit: The activities of this unit include selection of candidates, mapping/ programming, trouble shooting of implantable hearing devices such as cochlear implant, bone anchored hearing aids and middle ear implants. During the reporting year, 302 clients were seen in the unit. The mapping for Cochlear Implant cases was 271. Trouble shooting was done for 90 client devices. Also, counselling was given for 317 clients.

Learning Disability Clinic: One case was evaluated in the Unit during the reporting year. Also there was one therapy case who underwent therapy in 15 sessions. There were 40 DT cases.

Listening Training (LT) Unit: Listening Training Unit: Listening training unit (LTU) is committed to provide aural rehabilitation to the needy. The listening training was provided to not only the clients who use hearing devices such as hearing aids and cochlear implants but also to those with (Central) auditory processing disorders. In addition, training was also imparted to individuals suffering from tinnitus or hyperacusis. Totally, 2998 persons underwent listening training in 12678 sessions during the reporting year. Of the 2998 clients, 348 were new and the remaining 2650 were repeat cases.



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, 47 cases were evaluated in 47 sessions. Also there were 6 therapy cases and 29 Demonstration therapy.

Neuropsychology Unit: The services offered in the unit includes the assessment of specific function of the brain through standard individualized test, detailed assessment of lobular functions through standardized batteries and rehabilitation through paper pencil techniques or through computer assisted packages. Totally, 10 (76 sessions) neuropsychological assessments and 4 (14 sessions) neuropsychological rehabilitation were made during the reporting year in the unit.

Professional Voice Care (PVC) Unit: The unit provided specialized assessment and management services to professional voice users during the reporting year. It organized various programs to orient and sensitize professional voice users on care, maintenance and conservation of voice. The unit evaluated 12 clients and provided rehabilitation to 20 clients. In addition, the unit trained a total of 64 UG and PG students in 273 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 114 clients during the reporting year. Also 114 cases were evaluated in 562 sessions.

Vertigo Clinic: The clinic offered comprehensive care in evaluation and management of patients with vertigo. A multidisciplinary team comprising of otolaryngologist, audiologist and neurologist evaluated 230 new and 290 follow up patients in the clinic for both peripheral and central vertigo during the reporting year and diagnostic tests like microscopic examination of ear, electro nystagmography, vestibulo spinal tests, neurological evaluation, video nystagmography, audiological tests and vestibular evoked myogenic potential test were carried out for the needy ones.

Voice Clinic: Voice clinic offered evaluation and management services to persons of all ages with voice disorders. Totally, 620 clients with voice disorders were evaluated in the clinic using video stroboscopy and software for voice assessment and rehabilitation services was provided to 193 cases.

Special Educational Services

The following educational services were provided to the children with special needs at the pre-school, attached to the Department of Special Education during the reporting year.

- I) **Special Educational Assessment:** Educational Assessment services are offered for 831 children with communication disorders to determine readiness for schooling and to suggest an appropriate grade, placement as well as necessary services from April 2018 to March 2019.
- ii) **Parent Infant Program (PIP):** PIP was provided to very young children ranging from birth to 2.5 years with the objective of improving physical, cognitive, communication, social and emotional skills as detailed in figure 4.
- iii) **Preschool Parent Empowerment Program (PPEP):** PPEP was provided to 1886 caregivers of children ranging from 2.5-3 years before formal admission to preschool in 5149 sessions with the aim of empowering caregivers to train their children and get adjusted to preschool atmosphere.
- iv) **Preschool Training & Supplementary Services (PSS):** Preschool service, a preparatory training for children with communication disorders in self-help, cognitive, communication and academic skills necessary for successful schooling was provided to children in the age range of 3-6 years having hearing impairment, cerebral palsy, and multiple disability and to those in the age range of 3-10 years having intellectual disability and autism. The details are given in table 9.



- v) Curricular Support Services, Individualized Education Program and Demonstration Education Therapy / Non formal Education Program were offered respectively to 33, 16 and 80 children with communication disorders who were mainstreamed but have certain difficulties in coping with academics.
- vi) Sensory Adaptation for Education to cater to the sensory issues of young children with special needs.
- vii) Special use of music for educational readiness and up-building
- viii) Speech-Language group therapy
- ix) Support services for Empowering Caregivers
- x) One-month summer camp for 100 children in 80 sessions

Table 9: Pre School Training

S.No.	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Clients	206	0	217	215	211	204	194	188	226	224	217	210	2312
Sessions	3120	0	3344	3192	3192	2736	3192	2888	3120	3432	3120	3276	34612

Parent Infant Program (PIP) 2018 19

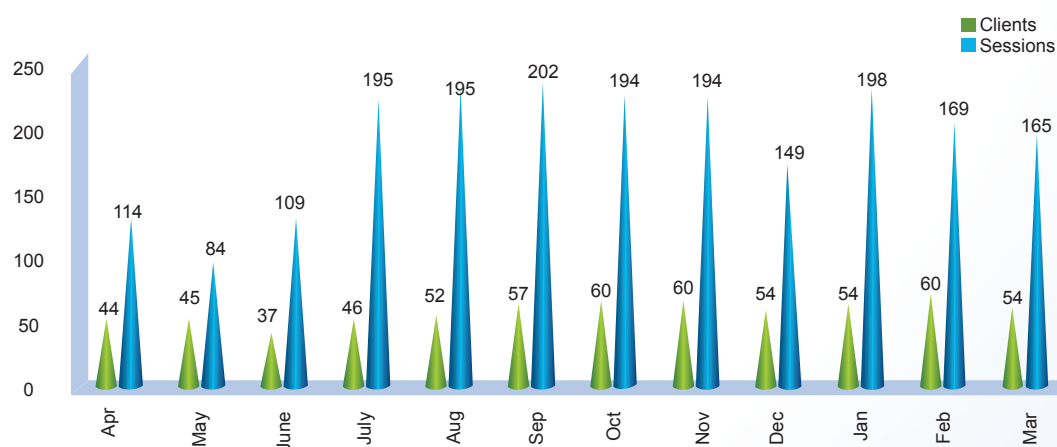


Figure 4: Parent Infant Programme

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, 1,958 patients underwent Physio and Occupational therapy in 13,520 sessions, during the reporting year. In addition, 244, 226, 193, 53, 51 clients consulted pediatrician, plastic surgeon, phonosurgeon, orthodontist, Dietician respectively. The details are given in figure 5.

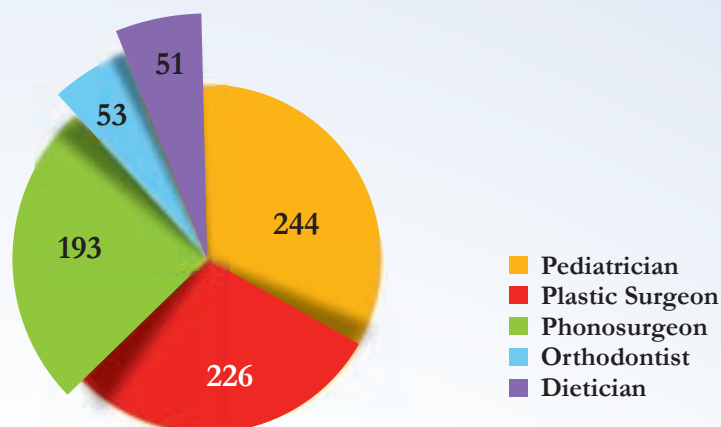


Figure 5: Medical specialty and allied health

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 584 hearing aids were distributed (AIISH-292, OSCs-197, Camps-60 & Plan Project - 35), after electro-acoustic evaluation and testing under ADIP scheme. Under AIISH Hearing Aid Dispensing Scheme, 2324 hearing aids were issued at concessional rate. Also, 78110 hearing aid spares such as HA cells, cords, battery doors, ear hooks, body case, wind weather protector and BET Huggies were issued. In addition, 383 body level and 822 BTE hearing aids were repaired, electronic-acoustic evaluation was carried out for 124 hearing aids and 14 audiometers were calibrated.
- **Counselling and Guidance:** The professional experts of the Institute provided counselling 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:** 31 toy kits were distributed to eligible disabled children worth Rs.23,250/-.
- **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 10.

Table10: Details of certificates issued

Particulars	Total
Transfer certificate	39
Evaluation reports	464
Attendance certificate	31
School admission certificate	71
Admission to deaf school	05
MR Certificate	592
Railway concession certificate	398
Psychological Report	1088
Income Tax Exemption Certificate	31
Bonafide certificate	22
Handicapped Certificate (Pension)	1512
Medical Certificate	62

- **Financial Aid:** The institute distributed total amount of Rs. 14,46,354/- among 151 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 five hundred students and staff from 31 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. St. Agnes Centre for Post Graduate Studies and Research, Mangalore
2. Christ Deemed to be University, Bangalore
3. University of Mysore, Mysore
4. Department of Water & Health, JSS University, UOM, Mysore
5. Central University of Karnataka
6. National Institute for the Empowerment of Person with Intellectual Disabilities (NIEPID)
7. Maharani's Arts College, Mysore
8. Teresian College, Mysore
9. Apollo Hospital, Bengaluru
10. Al-Ameen, Bijapur
11. Mysore Medical College & Research Centre, Mysore
12. Navodaya Medical College, Raichur

13. S.S.Institute of Medical Sciences, Davangere
14. Mandya Institute of Medical Sciences, Mandya
15. KLE Ayurvedic College Belagavi
16. College of Community Sciences, UAS, Dharwad
17. Jawaharlal Institute of Postgraduate Medical Education & Research, Pondicherry
18. Gurugobind Singh Medical College, Punjab
19. Netaji Subhash Chandra Bose Medical College, Jabalpur
20. Ashtavakra Institute of Rehabilitation Sciences & Research, New Delhi
21. J.N. Medical College, Belagavi
22. A.M.C. Medical College, Bijapur
23. Mandya Institute of Medical Sciences, Mandya
24. KLE Ayurvedic College Belagavi
25. Ashtavakra Institute of Rehabilitation Sciences and research, Delhi
26. Rajiv Gandhi Institute of Technology, Bangalore
27. Vidyavardhaka College of Engineering, Mysore
28. S S Institute of Medical Science & Research Centre, Davangere
29. Mount Carmel College, Bengaluru
30. University of Agricultural Sciences, Dharwad
31. Shri BM Kankanawadi Ayurved Mahavidyalaya, Belagavi.



Outreach Services

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 and Checklists.

During the reporting year, screening programme was carried out at 17 hospitals and two immunization centres in Mysore, four Outreach Service Centres (OSC) of the institute functioning in different parts of Karnataka and eight Newborn Screening Centres functioning in hospitals attached with the AIISH DHLS centres at Sri Ramachandra Bhanj 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, Ranchi, King George's Medical University (KGMU), Lucknow and Jawahar Lal Nehru Medical College and Hospital (JLNMC), Bhagalpur and a total of 55666 newborns were screened. Of these, 5002 babies were at risk for communication disorders. The details are given in table 1.

Table 1: Newborn/Infants Screening

Sl.No.	Hospitals/Immunization Centers	Total births	Total No. Screened			Total No. at risk		
			Male	Female	Total	Male	Female	Total
	At Mysuru Hospitals							
1.	Combined Hospital	326	133	140	273	6	5	11
2.	Kamakshi Hospital	1406	643	540	1183	8	13	21
3.	K. R. Hospital	8271	3680	3608	7288	112	109	221
4.	Mission Hospital	457	247	223	470	24	19	43
5.	N.P.C Hospital	116	21	21	42	0	0	0
6.	S.M.T.D.H Hospital	483	213	196	409	3	4	7
7.	Railway Hospital	25	11	10	21	0	0	0
8.	ESI Hospital	3	1	1	2	0	0	0
9.	Ashwini Nursing Home	171	86	97	183	1	4	5
10.	Shree Devi Nursing Home	239	85	69	154	1	2	3
11.	Gopala Gowda Shanthaveri Memorial Hospital	151	56	58	114	2	1	3
12.	Mahadeshwara Nursing Home	304	92	79	171	1	0	1
13.	Sigma Hospital	355	260	220	480	8	6	14
14.	Brindavan Hospital	373	97	73	170	14	3	17
15.	Makkalakoota Immunization Center	NA	36	29	65	0	1	1
16.	Immunization Center, Mission Hospital	NA	15	6	21	2	0	2
17.	Sub-divisional hospital, K . R. Nagar Taluk	1445	199	238	437	5	3	8
18.	Sub-divisional hospital, T. Narsipura Taluk	651	122	99	221	1	1	2
19.	Community Health Centre, Santhemarahalli	150	34	32	66	0	0	0
	Total	14926	6031	5739	11770	188	171	359

Outreach Service Centres								
Sl.No.	Hospitals/Immunization Centers	Total births	Total No. Screened			Total No. at risk		
			Male	Female	Total	Male	Female	Total
At Outreach Service Centres								
20.	Sub-divisional Hospital, Sagara Taluk	1589	709	672	1453	35	40	75
21.	Vivekananda Memorial Hospital, Sarguru	3292	2076	1594	1544	137	92	229
22.	Community Health Centre, Hullahalli	115	72	69	121	3	4	7
23.	Primary Health Centre, Akkihebbalu	37	24	20	44	3	0	3
		5033	2881	2355	3162	178	136	314
Newborn Screening Centres								
24.	Sri Ramachandra Bhanj Medical College and Hospital, Cuttack	3929	1906	1046	2773	222	123	345
25.	Regional Institute of Medical Sciences, Imphal	3906	1944	1908	3860	77	81	158
26.	Janana Hospital & JLNMC, Ajmer	10531	3884	3617	7501	432	250	682
27.	JIPMER, Puducherry	15914	6893	6327	13220	492	250	742
28.	Netaji Subhash Chandra Bose Medical College (NSCB), Jabalpur	1928	2801	2356	5157	817	590	1407
29.	Rajendra Institute of Medical Sciences, Baritayu, Ranchi	6289	2326	2127	4353	288	224	512
30.	King George Medical College and University, Lucknow	NA	1866	1543	3472	212	159	371
31.	Jawaharlal Nehru Medical College and Hospital, Bhagalpur	542	205	193	398	72	40	112
	Total	43039	21825	19117	40734	2612	1717	4329
Overall Total		62998	30737	27211	55666	2978	2024	5002

The newborns/infants referred during the newborn screening were followed up through telephone calls to parents/caregivers and advised for detailed evaluation at the Department of Clinical Services AIISH, Mysore or at the NBS centers /OSCs. 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 of Newborns and Infants

Category	Mysore	OSC Sagara	Ajmer	Cuttack	Imphal	Puducherry	Ranchi	Jabalpur	Lucknow	Total
Clinically Normal	65	158	13	54	110	349	7	15	153	924
ENT disorders	0	0	0	1	23	0	42	1	11	78
Auditory maturation delay	0	3	0	2	2	0	0	0	0	07
Hearing disorder	6	6	17	75	25	60	30	17	69	305
Speech and language disorders	0	2	3	0	45	21	57	6	5	139
Multiple disorders	0	1	0	5	2	1	7	7	17	40
Incomplete Testing										
Total	71	170	33	137	207	431	143	46	255	1493

Industrial Screening



The Institute also conducts hearing screening and screening for other communication disorders for the industrial workers and employees who are repeatedly exposed to loud noises at their work settings.

Totally 304 employees were screened, among them 124 ears were found to have hearing impairment and 25 ears had ENT problems. The employees and the employers were also oriented on harmful effects of noise on hearing, importance of hearing conservation program and also use of hearing protective devices in noisy areas. During the reporting year, 124 employees were followed up detailed evaluation of hearing loss, among them 196 ears were found with hearing loss.

Screening of Preschool and School Children

Nursery and primary school students from 59 schools in Mysuru and Mandya were screened for communication disorders as a part of the school screening programme during the reporting year. Totally, 4076 students were screened and among them 91 were identified with ear-related disorders, 76 with hearing loss and 184 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 Mysuru. Totally, 145 elderly citizens were screened and among them 60 ears were identified with ENT disorders, 106 ears had hearing loss, and 14 were identified with speech-language disorders. Also, hearing aids were distributed for 4 elderly persons with hearing impairment.

Camp-based Screening

The Institute organized eight camps in various localities during the reporting year. The expert speech, hearing and allied health professionals of the institute screened 757 persons for communication disorders in the camps. The details are given in table 3.

Table 3: Camp-based Screening

Date	Name of the Place	Total Registered	Total identified with communication disorders			No of Hearing aid issued
			Ear related disorder (ears)	Hearing loss (ears)	Speech language disorders	
28.06.2018	Hospet, Bellary District and organized by Rotary Club, Hospet.	271	49	140	56	99
02.02.2019 & 03.02.2019	Chamrajnagara Camp-Seva Bharathi Trust Public School	163	98	74	18	-
22.02.2019 & 23.02.2019	Mega Kumbh Health Mela-Buxar, Bihar	94	24	48	3	48
31.12.2018	Sargur (Paediatric camp)	101	05	04	04	--
14.01.2019	Annur Pediatric camp	58	03	--	02	-
19.02.2019	Bheemanahalli, HD kote (Paediatric camp)	53	01	00	02	-
14.03.2019	Uduru	08	03	04	03	--
21.03.2019	Talakadu-Community Camp	09	-	18	--	--
Total		757	183	288	88	147

Clinical Services at Outreach Service Centers (OSC)

Diagnostic and therapeutic services on communication disorders were provided at the five Outreach Service Centres (OSCs) of the institute located in Sub-divisional taluk hospital, Sagara; Community Health Center (CHC), Hullahalli; Primary Health Centre (PHC), Akkihebbalu; Primary Health Centre (PHC), Gumballi; and Vivekananda Memorial Hospital (VMH), Sarguru. Totally, 2136 persons availed evaluation services, 166 hearing aids were distributed among the needy cases, 447 persons underwent speech-language therapy. The details of those who registered and availed various services/benefits at the OSCs are in tables 4 and 5 respectively, and the follow-up cases in table 6.

Table 4: Clinical Evaluation at the Outreach Service Centres

OSC	Total registered	ENT Evaluation			Hearing Evaluation		Speech & Language Evaluation	
		Normal ears	Disorder ears	others	Normal ears	Disorder ears	Normal Individuals	Disorder Individuals
CHC, Hullahalli	553	190	475	122	3	156	0	15
PHC, Akkihebbalu	292	88	261	70	01	70	0	9
PHC, Gumballi	636	244	579	135	6	109	0	17
Sub-divisional Hospital, Sagara	283	0	0	0	84	385	0	30
VMH, Sarguru	372	1	1	0	149	235	10	123
Total	2136	523	1316	327	243	955	10	194

Table 5: Rehabilitation Services Provided at the Outreach Service Centres

OSC	Hearing Aids Dispensed	Speech - language therapy	
		No. of clients	No. of sessions
CHC, Hullahalli	39	12	37
PHC, Akkihebbalu	41	19	40
PHC, Gumballi	55	37	100
Sub - divisional Taluk Hospital, Sagara	19	196	949
VMH, Sarguru	12	183	549
Total	166	447	1675

Table 6: Clients followed-up at the Outreach Service Centres

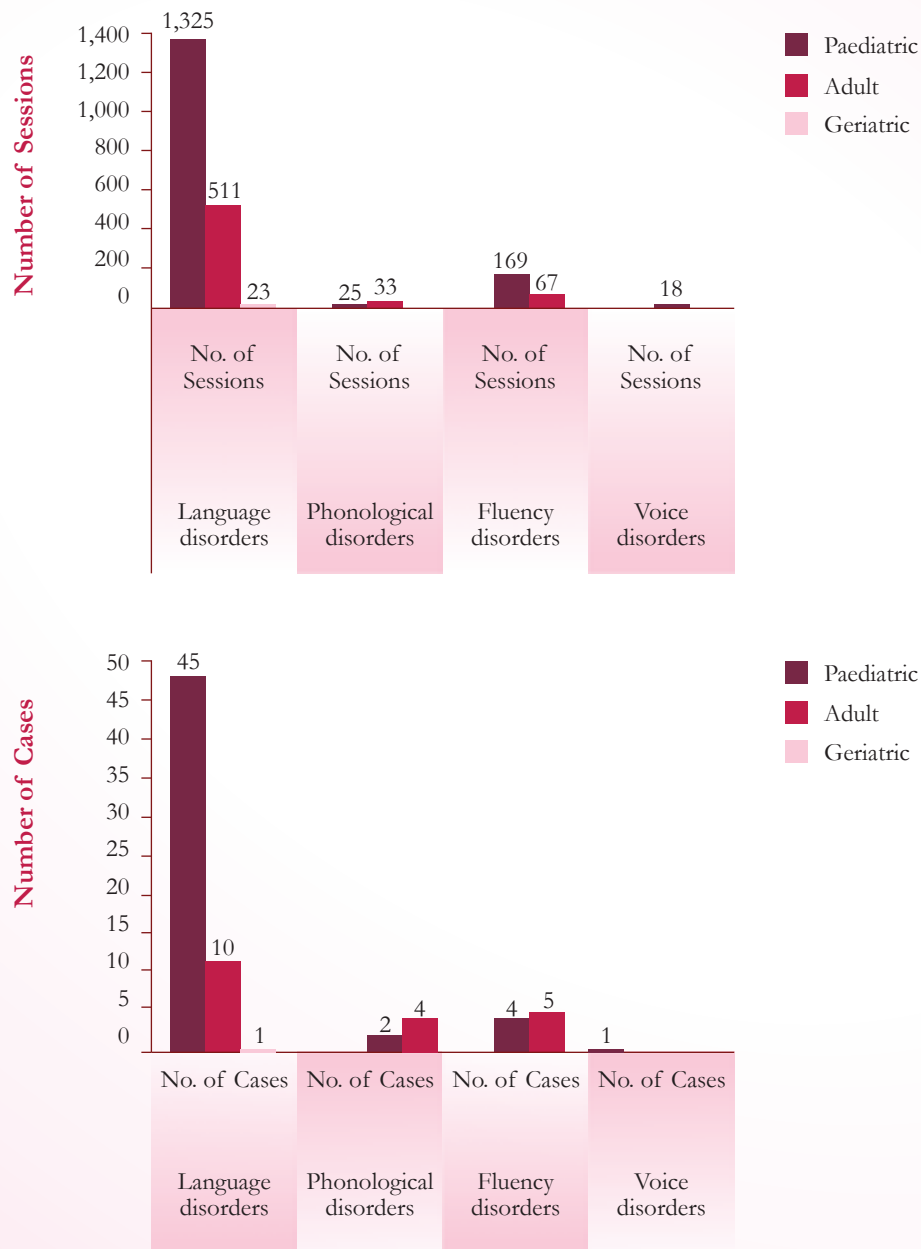
OSC	Total Follow up	ENT Evaluation			Hearing Evaluation		Speech & Language Evaluation	
		Normal (No. of ears)	Disorder (No. of ears)	Others	Normal (No. of ears)	Disorder (No. of ears)	Normal (No. of individuals)	Disorder (No. of Individuals)
PHC, Hullahalli	185	63	137	50	0	58	0	0
PHC, Akkihebbalu	158	54	119	26	2	86	0	2
PHC, Gumballi	316	132	225	36	0	172	0	3
Sub-divisional Taluk Hospital Sagara	13	0	0	0	5	17	0	4
VMH, Sarguru	153	15	32	7	47	138	2	52
Total	825	264	513	119	54	471	2	61



Tele-Assessment and Tele-Intervention Services

The Telecentre for Persons with Communication Disorders (TCPD) of the Institute offers tele-assessment and tele-intervention services to the doorsteps of persons with communication disorders across the country and abroad. Totally 2171 tele-sessions were delivered to 72 cases during the reporting year. The overseas clients were from Abu Dhabi, Dubai, Japan, Saudi Arabia, South Korea, UK and USA. The details are given in figure 1.

Figure1: Tele-Intervention and Assessment Services: Cases & 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 24 schools (61 visits) and follow up activity was carried out for 141 (new-89, follow up-52) children identified with various types of communication disorders availing therapy at AIISH during the reporting year. Also, during the visit, 146 teachers were given guidelines to include children with communication disorders in regular classrooms.

Survey of Persons with Communication Disorders

A survey of persons with communication disorders was going on in the districts of Mysuru, Mandya and Chamarajanagar as a plan project with Dr. S. R. Savithri, former Director, AIISH as the Principal Investigator and Dr. R. Rajasudhakar, Reader in Speech Science, AIISH, Dr. Priya M.B., Lecturer in Speech Science and Dr. H. Sudharshan, Hon. Secretary, Karuna Trust as Co-Investigators. The activities carried out in the reporting year were from Level IV of Phase 3 of the plan project. Two hundred ASHA/Anganwadi workers performed the survey during the reporting year. Training was provided to the ASHA / anganwadi workers for carrying out the survey before mobilizing them into the villages/towns in three sessions. Totally 2,06,194 persons were surveyed in specific hoblis of the three districts to identify persons with communication disorders. The details are given in table 7.

Table 7: Survey of Communication Disorders

Districts	Locality		No. of PHCs	No. of villages	Total Population
	Taluk	Hobli/Town			
Mysuru	Hunsur	Hanagudu	9	119	71,199
		Kasaba 2	1	25	17,810
Chamarajanagar	Chamarajanagar	Chandakkavadi	5	49	60,217
		Haradanahalli	5	41	56,968
Total	2 taluks	4 hoblis	20 PHCs	234 villages	2,06,194



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 counselling 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 aspects of communication disorders such as causes, identification and prevention of hearing loss, voice disorders, speech and language disorders, the institute organized monthly public lectures tailored for common man during which the expert professionals working in the institute delivered lectures 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
27.06.2018	Voice Problems in Professional Voice Users	Dr. R. Rajasudhakar
27.02.2019	1. Institutional Activities 2. Communication disorders: An Overview 3. Hearing Impairment: An Overview 4. Communication disorders and educational needs of children with communication disorders 5. Voice Conservation in teachers	Ms. Lakshmi Prabha J. K, Dr. Sangeetha Mahesh Dr. Prashant h Prabhu P. Ms. P. V. Ramanakumari, Dr. K. Yeshoda
27.03.2019	1. Institutional Activities 2. Communication disorders: An Overview 3. Hearing Impairment: An Overview 4. Consanguinity, Genetic Disorders and Communication Disorders	Ms. Lakshmi Prabha J. K, Ms. Prathima, S. Dr. Ganapathy M. K. Dr Priya M. B.



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

Sl.No.	Title	Language
1	Brochure on Drooling	English
2	Know more about Voice and its disorders	English
3	Know this to prevent communication disorders	English
4	Specific Language Impairment	English
5	Communication disorders in elderly	English
6	Know more about Dementia	English
7	Prevention of developmental disorders	English
8	Communication disorders in Intellectual disability	English
9	Attention Deficit Hyperactivity Disorder	Kannada, Hindi, Tamil, Malayalam & Marathi Hindi, Tamil
10	Ear discharge and its prevention	English

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 camps, extensive awareness programmes were conducted to educate the public on the prevention and management of communication disorders. Totally, eight were conducted and around thousands of general public were educated on communication disorders.

Street Plays on Prevention and Awareness of Communication Disorders

The Institute, under the aegis of the Department of Prevention of Communication Disorders (POCD) developed the content for street plays on various aspects of communication disorders and presented at different localities viz. Mullusoge, Kudige and Kudumangalore.

Public Orientation/Sensitization Programmes

In addition to the monthly public lecture series conducted at the campus, the institute organized orientation lectures/ sensitization programs on prevention of communication disorders in various localities in Mysore and nearby districts under the aegis of the Department of Prevention of Communication Disorders (POCD). Totally, 5490 persons including senior citizens, students, industry workers, and teachers benefitted from 126 orientation programmes conducted during the reporting year, the details of which are given in table 3.

Table 3: Public Orientation/Sensitization Programmes

Sl. No	Target group	Male	Female	Total
1.	Nursing students	41	421	462
2.	Pregnant women and their family	4	8	12
3.	Elderly people	11	18	29
4.	DHLS students	10	11	21
5.	Women at the Rehabilitation Center	0	15	15
6.	Newborn caretakers	1	5	6
7.	Industrial medical officer/ workers	46	8	54
8.	Psychology Students	0	7	7
9.	General public	23	97	120
10.	Health facilitators/ Supervisors/ Program managers	102	40	142
11.	Parents of typically developing children	20	71	91
12.	Doctors	50	31	81
13.	Media Personnel	1	1	2
14.	Anganawadi workers	58	417	475
15.	Speech and hearing professionals	7	14	21
16.	School Students & Teachers	771	1219	1990
17.	ENT Specialists	18	11	29
18.	PWD's with caregivers, ASHA Workers, VRW's, MRW's, Government functionaries	0	1890	1890
19.	Individuals with visual impairment & their family members	15	07	22
20.	Parents of Children with Cerebral Palsy	9	5	14
21.	District hospital personnel, UP	6	1	7
Total		1193	4297	5490

Resource Exchange and Education through Care and Hope (REECH)

The Department of Clinical Services conducted 21 orientation lectures under the REECH programme during the reporting year and created awareness among parents/caregivers on management of individuals with communication disorders. The details are given below.

S. N.	Topic	Resource Person	Date
1.	Activities to improve Pre-linguistic skills in children with Autism	Ms. Anju B. T. SLP Gr. II	20.07.2018
2.	Strategies to reduce echolalia in children with autism	Ms. Margaret V. SLP Gr. I	20.07.2018
3.	Importance of sensory integration in children with autism	Ms. Bharathi K., Occupational Therapist	27.07.2018
4.	Importance of AAC in children with autism	Ms. Aruna Kamath SLP Gr. II	27.07.2018
5.	Clarity of speech in children with hearing impairment	Ms. Anu Rose Paulson, Research Officer	16.08.2018
6.	Clarity of speech in children with hearing impairment	Ms. Ann Maria A. SLP Gr. I	23.08.2018
7.	Importance of Indian sign language for children with hearing impairment	Ms. Rubby, Sign Language Teacher	24.08.2018
8.	Importance of early identification in developmental disorders	Ms. Sujatha V. S. Clinical Assistant	19.09.2018
9.	Importance of speech-language stimulation at home	Ms. Geetha M.P. SLP Gr. I	20.09.2018
10.	Concession and facilities available for children with ID and HI	Mr. Prashanth R. Medico Social Worker	24.09.2018
11.	My Journey with Cerebral Palsy (Perspective of an individual with Cerebral Palsy)	Mr Vivek Client with CP	05.10.2018
12.	Concession and facilities available for individual with cerebral palsy	Mr. Prashanth R. Medico Social Worker	05.10.2018
13.	Pre-school preparation & School Education for academic skills in children with cerebral palsy	Mrs. Shobha B. N. Special Educator	10.10.2018

14.	Pre-school preparation & school education for academic skills in children with cerebral palsy	Mr. Suresh C. B. Special Educator	12.10.2018
15.	Sensitizing parents and parents/ caregivers about cerebral palsy, its types and home training	Ms. Vidhathri D.S. Physiotherapist	15.10.2018
16.	Clarity of speech in children with hearing impairment (Activities to improve speech naturalness)	Mr. Sumanth P. SLP Gr. II	18.01.2019
17.	Clarity of speech in children with hearing impairment	Ms. Pooja Sreeram SLP Gr. II	21.01.2019
18.	Importance of listening training in children with hearing impairment	Ms. Jyothi S. Research Assistant	23.01.2019
19.	Importance of speech-language stimulation at home.	Ms. Ranjitha K. SLP Gr. I	15.03.2019
20.	Importance of speech-language stimulation at home.	Ms. Reshmitha R. SLP Gr. I	20.03.2019
21.	Feeding skills for children with cerebral palsy	Ms. Prathima S. Itinerant Speech Therapist	22.03.2019

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.

- The World Voice Day on 16th April, 2018
- World Cerebral Palsy Day on 5th October 2018
- International Stuttering Awareness Day on 14th December 2018.
- International Day of Persons with Disabilities on 20th December 2018.
- World Hearing Day on 3rd March 2019

Mass Media based Public Education

1. Dr. M. Pushpavathi published an article titled *Hearing Impairment and its management* in Sudha Magazine, May 2018.
2. Ms. Gayathri Krishnan published an article titled *Kunjubhaavangal parayunnathu* [What innocent expressions say] in Mathrubhoomi Aarogya Mazika [Health Magazine], January 2018, pp102-107.
3. A public information advertorial on Autism Spectrum Disorders was published in *Taranga* magazine in the month of March 2018.
4. Internship Students posted at department of POCD participated in the Youth Programme at the All India Radio (AIR, Freq.100 MHz) Mysuru on 31st October 2018 through a skit on Communication Disorders. This was broadcasted on 18th February 2019.
5. Mr. Harish Kumar served as a resource person in a live talk interview on Hearing Loss at Radio Active (90.4 MHz) in connection with the World hearing day on 4th March 2019.



Extracurricular Activities

The extracurricular activities at the Institute are carried out under the aegis of AIISH Gymkhana and National Service Scheme (NSS) Unit.

Aiish Gymkhana

The major activities carried out under the aegis of Gymkhana during the reporting year are the following:

Annual Day: The Institute celebrated its 53rd Annual day on 9th August 2018. Dr. Kapil Mohan, Director General, Administrative Training Institute, Mysuru and Shri. V.S. Basavaraju, State Commissioner for Persons with Disabilities, Bangalore were the chief guests. Dr. S.R. Savithri, Director presided. The Ph.D. awardees, meritorious students and the best AIISHIAN awardees of the year were felicitated on the occasion. A cultural programme was organized in the evening in which Mrs. Bhagirathi Bhai Kadam, Director, Rangayana and Mrs. Vaishnavi Gangubai Hanagal, Hindustani Classical Vocalist were the chief guest and Dr. S.R. Savithri, the Director, AIISH presided. The retired employees and the employees who have completed 25 years of service were honoured during the occasion.



Independence Day: The Independence Day was celebrated on 15th August 2018 during which Dr. S.R. Savithri, the Director hosted the flag followed by cultural activities by the students and preschool children. Lt. Col. Krishna Srikar Prabhu was the chief guest of the function.



Christmas: The Christmas and new year were celebrated at the Institute on 1st January 2019 and the event started with a cake cutting ceremony by the Director and the staff who were getting superannuated in the year 2019. Ms. Riddi Wadhwa, I M.Sc student welcomed the gathering and Dr. M. Pushpavathi, the Director conveyed her greetings to staff and students on the occasion.



Republic Day Celebration: The Republic day was celebrated on 26th January 2019. Major General Mohan Muttigikar, Retd. Doctor, Armed forces was the chief guest of the day and Dr.M. Pushpavathi, the Director, AIISH presided. A cultural programme by the students and preschool children were organized as a part of the event.



Talents day: Talents day for the staff and students was held on 29th January 2019 at Gymkhana, Panchavati Campus. Competition was held for singing and dance and best talent for extraordinary performance. Mr. Girish K S, Junior Research Fellow, Department of Electronics bagged the first prize for singing and 2nd M.Sc students bagged 1st prize for dance and Mr. Girish K.S and Ms. Jumana M bagged the Best Talent Award for male and female categories respectively.

Ayurveda Awareness: A talk on Ayurveda System of Medicine was organised for the staff and students on 31st January 2019 between 4.30 PM to 5.30 PM. Dr. Madhusudan and Dr. Manasa from JSS Ayurveda Medical College and Hospital, Mysuru were the resource persons. The topics covered include the present day health scenario, benefits of ayurvedic treatments, and the treatment facility available at JSS Ayurveda Medical College. The talk also highlighted on the CGHS insurance schemes. Dr. N Sreedevi, Vice President Gymkhana welcomed the resource persons and gathering and Mr. Vikas MD, joint secretary proposed the vote of thanks.

Movie Night: Movie night was held on 4th February 2019 for the staff and students as a fund raising event for AIISH AAWAZ 2019 and the movie named *Wonder* was screened at Seminar Hall, Knowledge Park. More than 400 students watched the movie.

Farewell Party: A farewell party was organised for Mr. Srinivasa and Mr. Hanumantha, multi-tasking staff members who were superannuated from AIISH service on 29th February 2019. Dr. M. Pushpavathi, Director, AIISH felicitated Mr. Srinivasa and Mr. Hanumanthu during the occasion.

National Science Day: The Natural Science Day was celebrated at the Institute on 1st March 2019. Ms. Neha Yadav, Cultural Secretary welcomed the gathering and briefed about the National Science Day. On the occasion, two competitions were held for the students, namely Dream Innovation and Pick and Speak about 200 students participated in the competition. Dr. Ajith Kumar. U and Dr. Santosh M served as judges for the events and the winners were awarded with cash prize.

Stabmi Live Band and Auto Expo: Stabmi Live Band and Auto Expo was held on 5th March 2019 at Panchavati Campus, AIISH Gymkhana as a fund raising and promotional event for AIISH AAWAZ 2019. More than 250 persons registered for the event during which ten wintage cars and more than 25 bikes ranging from 1952 to 2005 make displayed. The live band played retro and rock music from various languages.

Zumba: Marking International Women's Day and as a prelude to 'AIISH Aawaz 2019', Gymkhana organised a Zumba dance programme on 10th March 2019 at the University of Mysore Football Grounds. Zumba Instructor Mr. Nithin co-ordinated the programme which was attended by hundreds of college students.

AIISH AAWAAZ: AIISH AAWAAZ, the annual inter-collegiate cultural festival was organized from 16th to 17th March 2019. Mr. Shreeharsha, Music Artist was the chief guest for the programme. Competitions were held for events like skit, group dance, fashion show, group song, spot dance, pictionary, cooking without fire, mock press, verbattle and creative writing. Students from nearly 25 colleges across the country participated in the fest. The JSS Institute of Speech and Hearing, Mysuru bagged the rolling trophy. The trophy was presented by AIISH Dr. M. Pushpavathi, Director, AIISH. Dr. N. Sreedevi, Vice-President Gymkhana coordinated the programme.





NSS Unit

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 admitted students on 2nd August 2018 in which 270 students participated.

Shramadan: The NSS volunteers cleaned the Naimisham and Panchavati campuses of the Institute three times and removed the plastic and other garbage from the campus. Around 500 volunteers participated in the programme which was held on 11th & 17th August and 29th September 2018.



Kodagu and Kerala Flood Relief: The staff and students volunteered to assist the rescue operations and clean up in the flood affected regions of Kodagu. Also, NSS coordinated collecting donations for Kerala and Kodagu flood relief. The Unit collected a sum of Rs. 87,000/- from students, staff and other well-wishers and transferred Rs. 43,500/- each to the Karnataka and Kerala Chief Minister's Relief Fund.

Games and Sports: Various ethnic sports and games were organized for the NSS volunteers with an aim of instilling team spirit in them on 1st September 2018 and about 173 volunteers participated.

Art and Craft Making: Volunteers helped in making teaching material and other resource material for use at AIISH Pre-School on 8th September 2018. About 115 volunteers participated in the activity.



Talk by Advocate: A lecture by Mr Apoorvananda, a leading Advocate in Mysuru was held on the topic 'Common laws for the common man' which sensitised the NSS volunteers about the common legal aspects and the laws of the country on 11th September 2018. About 211 volunteers participated.

Kumaraparthava Trek: Volunteers embarked on a 2-day trek and camped at the hill peak in the Kodagu district from 6th to 7th October 2018. About 104 volunteers participated.



Run for Unity: The volunteers joined the nationwide run for unity on 30th October 2018 as a tribute to Sardar Vallabhbhai Patel on his 143rd birthday. The run started from the St. Philomena church and ended at the palace circle. Around 133rd volunteers participated.



Pre-school Screening: The NSS unit collaborated with the Department of Special Education for the hearing and speech-language screening for the pre-school children. The activity was conducted in the JC block of Audiology department. Around 100 preschool children were tested for their hearing followed by hearing aid trial and speech and language assessment from 12th to 13th January 2019.

Blood Donation: The NSS unit in collaboration with K R hospital, Govt. Medical College, Mysore conducted a blood donation camp on 30th January 2019 and 65 volunteers/staff donated blood in the camp.



NSS Special Camp: A special camp was conducted at Port Blair, Andaman & Nicobar Islands. The main focus of the camp was on the identification, assessment and rehabilitation of individuals with communication disorders. A survey was conducted in various wards of Mayabunder, Andaman & Nicobar Islands to identify the communication disorders population from 12th to 24th February 2019. The camp team surveyed a population of 30307 and identified 1026 individuals having communication disorders. 357 individuals benefitted from the camp and made use of ENT, Audiology, Speech and Language Pathology, Psychology and ear mould services which were given free of cost. In collaboration with AYJNISHD, Secunderabad the Unit dispensed 144 digital behind the ear hearing aids to the needy. Further, a total of 94 disability certificates were issued for the eligible candidates.



Orphanage Visit: A visit to an orphanage at Mysuru was organized on 10th March 2019. The NSS volunteers participated in the programme by raising fund and collecting resources for the inmates. The team collected a sum of Rs. 16,460/- and also the volunteers interacted with the inmates and presented cultural activities for them.

Human Library: A human library was designed to build a positive framework of real conversations that can challenge the stereotypes and prejudices through dialogue. It was meant to be the platform where real people are on loan to readers. A library session was organized by inviting 8 eminent persons who served as books for the NSS volunteers with an aim of personality development on 24th March 2019.



Kannada Classes: Kannada classes were organized for the NSS volunteers from other states to encourage them to learn the language. About 30 students participated in the programme.

Support Classes from Senior Students: Many support classes were conducted by the senior students to the students having difficulty in academics. About 35 students were participated.



Official Language Implementation

Hindi Training

Training in Prabodh, Praveen and Parangat was arranged for the Institute staff at the Central Institute of Indian Languages, Mysuru under Hindi Teaching Scheme of the Department of Official Language, Ministry of Home Affairs, Govt. of India. Two staff members in Prabodh, one in Praveen and one in Parangat were successfully completed the training.

Material Translation/ Development

The Institute Annual Report 2017-18 in English was translated in official language during the reporting year.

Workshops Organized

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

- The First Internal Workshop on Hindi on the topic कार्यालय में प्रयुक्त कार्य द्विभाषी में कैसे करें-प्रायोगिकी on 27th June 2018. Dr. H. P. Uma Saraswathi, Hindi Translator, AIISH, Mysuru, served as the resource person for the workshop.
- The Second Internal Workshop on Hindi on the topics हिंदी में टैंडर और मानक मसौदे, हिंदी प्रचार प्रसार की व्यावहारिक समस्याएं और उनका समाधान and यूनिकोड पर हिंदी टाइपिंग – क्यों और कैसे? on 14th August 2018. Dr. Bhargavi R Gopal, Asst. Director (OL), DFRL, Mysuru, Smt. Rekha Agarwal, Lecturer, PG Dept of Hindi, Manasaganagothri, Mysuru and Smt. Shashikala, Asst. Director (OL) BSNL, Mysuru served as resource persons for the workshop.
- The Third Internal Workshop on Hindi on the topics हिंदी में विज्ञान लेख-क्यों और कैसे?, कंप्यूटर पर हिंदी में प्रायोगिक अभ्यास and दिव्यांग जनों के लिए सरकार द्वारा सुविधाएँ और प्राप्ति के तरीके on 21st December 2018. Dr. Sarvesh Mourya, Lecturer, RIE, Mysuru, Sri. Amit Kumar Jha, Junior Research Fellow, CIIL, Mysuru and Dr. Alok kumar Upadhyay Associate Professor, AIISH, Mysuru served as resource persons for the workshop.
- The Fourth Internal Workshop on Hindi on the topics राजभाषा हिंदी का स्वरूप एवं प्रमुख आदेश (प्रथम सत्र) / रा भा कार्यान्वयन समस्याएं और समाधान (द्वि.सत्र) and मानक हिंदी और उसका प्रयोग (तृतीय सत्र) कामकाजी हिंदी – सरल, सहज भाषा का प्रयोग (चतुर्थ सत्र) on 20th March 2019. Dr. Bhargavi R Gopal, Asst. Director (OL), DFRL, Mysuru and Smt. Shashikala Asst. Director (OL) BSNL, Mysuru served as resource persons for the workshop.

Workshops Attended

- Dr. H. P. Uma Saraswathi, HT (C) and Smt. Lalitha, Computer Operator attended the 84th Hindi Workshop organized by the Rajbhasha Sansthan, New Delhi at Solan, Himachal Pradesh on 25th-27th April 2018.
- Dr. Chandni Jain and Dr. Kadambari Naniwadekar attended the Hindi Workshop at CIIL, Mysuru on 14th-15th June 2018.
- Smt. Megha Koulagi and Mr. Jaswinder Singh attended the Hindi Workshop at CIIL, Mysuru on 29th-30th October 2018.
- Dr. Sanjeev Kumar Gupta and Mr. R. Chetan attended the 85th Hindi Workshop organized by Rajbhasha Sansthan, New Delhi at Solan, Himachal Pradesh from 31st October to 2nd November 2018.
- Smt. Ruby, Sign Language Teacher attended Hindi Workshop at CIIL, Mysuru on 25th-26th March 2019.

Hindi Week Celebration

Hindi Week was celebrated from 14th to 20th September 2018. Many innovative competitions were conducted for staff and students and the winners were awarded cash prizes. Dr. Pankaj Dwivedi, Secretary, TOLIC, Mysuru was invited as chief guest on this occasion. Dr. S. Venkatesan, Director-In charge presided over the Valedictory function on 20th September 2018. Dr. S. Ramkumar, Chief Administrative Officer spoke on the constitutional provisions on use of official language. Message from the Ministry was read and recorded. Report on compliance of Official Language Implementation during the year was brought to the notice of all.



Word-a-day in Hindi

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

Awards/ Prizes/ Testimonials

The Institute received the following awards for its official language implementation activities during the reporting year.

- कार्यालय ज्योति स्मृति चिह्न पुरस्कार for best execution of Official language at 84th Hindi Workshop by Rajbhasha Sansthan, New Delhi held at Solan, Himachal Pradesh on 25th-27th April 2018.
- Best paper presentation award for the paper titled शब्दों का संसार - आज के समाज में शब्दावली संबंधी कुछ विचार for Dr. H. P. Uma Saraswathi, Hindi Translator at 84th Hindi Workshop by Rajbhasha Sansthan, New Delhi held at Solan, Himachal Pradesh on 25th-27th April 2018.
- कार्यालय ज्योति स्मृति चिह्न पुरस्कार – for best execution of Official language at 85th Hindi Workshop by Rajbhasha Sansthan, New Delhi held at Jim Corbett Park, Nainital, Uttarakhand from 31st October to 2nd November 2018.
- Best paper presentation award for the paper titled भारत में संप्रेषण विकारवालो के लिए शैक्षिक सहायता प्रौद्योगिकी for Dr. Sanjev Kumar Gupta, Clinical Psychologist at 85th Hindi Workshop organized by Rajbhasha Sansthan, New Delhi held at Jim Corbett Park, Nainital, Uttarakhand from 31st October to 2nd November 2018.

Internal 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 Department of Material Development under the Department category and the Academic and Purchase Section under the Administrative Section Category during the year 2018-19.

Inspection by the Parliamentary Official Language Committee

Parliamentary official language committee inspected OLI activities of the institute on 19th June 2018. The compliance report on the suggestions given by the committee was forwarded to the ministry.



Awards and Honours

Awards hosted by other organization

1. Dr. M. Pushpavathi, Director received the Rais Ahmed Memorial Lecture Award 2018 instituted by Acoustical Society of India on 11th November 2018.
2. Dr. M. Pushpavathi, Director received the Braithwaite's Oration award instituted by Indian Society of Cleft Lip, Palate and Craniofacial Anomalies at the INDOCLEFTON 2019, 10th February 2019.
3. Dr. Animesh Barman, Professor in Audiology, received Padmashree Prof. S. Rameswaran Endowment Oration Award at 51st National Conference of Indian Speech and Hearing Association (ISHACON), Bengaluru, 8th -10th February 2019.
4. Dr. S.Venkatesan, Professor in Clinical Psychology honoured for his services rendered in the field of education on the occasion of Guru Utsav a function organized by Mysore Sahodaya School Complex (MSSC), Mysuru, an initiative of the CBSE to facilitate creative and effective collaboration and cooperation among schools affiliated to the Board, held at Rajendra Kala Mandir, Mysuru on 8th September 2018.
5. Dr. Alok Kumar Upadhyay, Associate Professor in Special Education, received award for outstanding performance in the field of Empowerment of persons with disabilities hosted by Kalyanam Karoti Organization, Mathura (U.P.) on 3rd December 2018, the World Disability Day.





6. Ms. Rakshith S received Arati Venkataraman Memorial Gold Medal for securing the highest marks in all semesters in M.Sc (Audiology) Examination 2018, University of Mysore.
7. Ms. Priyadarshini V received Dr P.D. Manohar Gold Medal for scoring highest marks in the course titled Speech production in M.Sc (Speech Language Pathology) Examination 2018, University of Mysore.
8. Dr. Chandni Jain and Ms. Kirti Joshi received the Best Paper Award for their paper titled 'Effect of age on modulation detection threshold' at the KSB ISHACON, Kerala, Munnar 15th-16th August 2018.
9. Dr. Jithin Raj Balan and Dr. Sandeep Maruthy received the Best Paper Award for their paper titled the effect of acoustic-enhancement on audio-visual perception in individuals with auditory neuropathy spectrum disorders at KSB, ISHACON, Kerala, Munnar, 15th-16th August 2018.
10. Mr. Reuben T.V received the Young Scientist Award for the Scientific Poster for his poster titled 'Semantic Fluency: A speech marker for persons with dementia of alzheimer's type' at India International Science Festival, Lucknow, 27th October 2018.
11. Dr. Hema, N received the best oral paper presentation award for her paper titled 'Cognitive-Linguistic abilities in Wernicke's Aphasia' at the Hong Kong Speech and Hearing Symposium, Hongkong, 1st-4th November 2018.

12. Dr. Raja Sudhakar received the Best Paper Presentation Award for his paper titled 'Lexical processing in type II diabetes' at the Hong Kong Speech and Hearing Symposium, Hongkong, 1st-4th November 2018.
13. Dr. Sanjeev Kumar Gupta received the first prize for his paper titled 'भारत में सम्प्रेषण विकारोंवाले बच्चों के लिए शैक्षिक सहायक प्रौद्योगिकी' at the 85th Platinum Jubilee Seminar Cum Hindi Workshop, organized by Rajbhasa Sansthan, New Delhi, 2nd November 2018.
14. Dr. M. Pushpavathi received the National Women Science Congress Best Paper Award for the paper titled 'Effect on early Language intervention on the Maternal measures of toddlers with repaired cleft palate' at the Women's Science congress, Mysuru on 10th November 2018.
15. Dr. Swapna N., Ms. Shobha B. N., Mr. Freddy A. and Ms. Sameera received third prize for their paper titled 'Stress levels and coping strategies in mothers of children with cerebral palsy' in oral presentation category in the XIII National Conference IACPCON 2018, 23rd-25th November 2018.
16. Dr. Swapna N., Ms. Tejaswini, Mr. Arun Raj and Dr. Prawin Kumar received Best Poster Presentation Award for their poster titled 'Effect of inclusion of automated auditory brainstem response in the newborn hearing screening-a preliminary study' at the XIII National Conference (IACPCON 2018), Indian Academy of Cerebral Palsy, Kolkata, 23rd-25th November 2018.
17. Dr. Devi N., Ms. Renuka C. and Mr. Akshay M received the Best Paper Award for their paper titled 'Adaptive machine learning-an innovative hearing aid technology' at the ICEECCOT-2018, Mysuru, 14th-15th December 2018.

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18. Ms. Renuka, C., Dr. Nidhi Hegde, Dr. Rajat Bullakkanavar, Dr. Veena R. and Dr. Ajish K. Abraham received the best paper presentation award for her paper titled 'A technical approach to find defects during articulation of phonemes' at the 3rd IEEE International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) organized by the GSSS, Mysuru, 14th-15th December, 2018.
19. Ms. Renuka, C., Mr. Akshay Mohan Mendhakar and Eliza Baby received the best paper presentation award for her paper titled 'Can we accelerate Autism discoveries through eye tracking and machine learning technology?' at the 3rd IEEE International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) organized by the GSSS, Mysuru, 14th-15th December, 2018.
20. Ms. Renuka, C., Mr. Akshay Mohan Mendhakar, Ms. Sneha K.C. and Dr. Devi N. received the best paper presentation award for her paper titled 'Adaptive machine learning –An Innovative hearing aid technology' at the 3rd IEEE International conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT) organized by the GSSS, Mysuru, 14th-15th December, 2018.
21. Ms. Lakshmi Prabha J.K., and Dr. Palnaty Vijetha received Dr. Prakash Gathoo-The Best Young Researcher Award for their paper titled 'Teachers knowledge about hearing impairment and referral services in Mysore' at the 84th NCED- India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices (NCED-2019) at Chennai, Tamil Nadu, 28th-30th January 2019.
22. Ms. Ramanakumari P.V., and Ms. Manjula P.V received Smt. Annapurna Memorial Award for the Best Research Paper for their paper titled 'Effectiveness of developed computer based tutor for concept learning in preschool children with hearing impairment' at the 84th India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices (NCED-2019) at Chennai, Tamil Nadu, 28th-30th January 2019.

23. Dr. Prithi V., and Mr. Subramanya K.R received the All India Teachers Association for the Deaf, Best Poster Award for their paper titled 'Strategies for ensuring quality assurance in occasional and technical education' at the 84th NCED-India Annual National Conference on Enhancing Quality of Education of Students with Hearing Impairment – Needs & Practices held at Chennai, Tamil Nadu, 28th-30th January 2019.
24. Dr. Jayashree C. Shanbal received best paper presentation award for her paper titled 'Challenging exclusive education: potential pointers for early identification of children with learning disability' at the 3rd International Conference on Challenging Exclusion (ICCE), Chennai, 30th January – 2nd February 2019.
25. Dr. Apeksha K and Dr. Ajith Kumar U received Dr. Raghunathan Memorial Award for the Best Paper for their paper titled 'Effect of acoustic features on discrimination ability in individuals with auditory neuropathy spectrum disorder: An Electro physiological and behavioral study' at the 51st National Conference of Indian Speech and Hearing Association, Bengaluru, 8th-10th February 2019.
26. Dr. Asha Yathiraj received Dr. N.R. Chaudhary Memorial Award for the Best Paper for her paper titled 'Sensitivity and specificity of temporal ability screening test (TAST) in older adults' at the 51st National Conference of Indian Speech and Hearing Association, Bengaluru, 8th-10th February, 2019.



27. Dr. Divya Seth and Dr. Santosh M received Raghunathan Memorial Award for their Best Poster in Speech-Language for their poster titled 'Effectiveness of response cost treatment for early stuttering' at the 51st Annual Convention of Indian Speech and Hearing Association, Bengaluru, India, 8th-10th February 2019.
28. Ms. Gayathri K. and Dr. Goswami S.P received Muktesh Award for the Best Paper in Speech for their paper titled 'Temporal coordination in swallowing events in persistent dysphagia post stroke' at the 51st Annual Convention of Indian Speech and Hearing Association, Bengaluru, India 8th-10th February 2019.
29. Ms. Nayana M., Ms. Tejaswini S., Mr. Arunraj K., Dr. Prawin kumar and Dr. Swapna N., received Mukesh award for the best paper in audiology for their paper titled 'Prevalence of hearing impairment and risk factors in newborns under neonatal hearing screening program in southern city of Karnataka' at the 51st Indian Speech and Hearing Association, Bengaluru, 8th-10th February 2019.
30. Mr. Rakesh C.V. and Dr. Santosh M received Abrol Award for the Best Paper in Speech for their paper titled 'Adaption, validation of the speech situation checklist to Kannada speaking school going children who stutter' at the 51st Annual Convention of Indian Speech and Hearing Association, Bengaluru, India 8th-10th February 2019.
31. Dr. Sujeet Kumar Sinha, Dr. Animesh Barman, Dr. Sreeraj K, and Ms. Jyothi S received the Best Paper Presentation Award for their paper titled 'Prevalance of communication disorders across different parts of India' at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar 2019, 16th-17th March 2019.
32. Dr. Sujeet Kumar, Mr. Anuj Kumar Neupane and Ms. Krithika Gururaj received the Best Paper Presentation Award for their paper titled 'Effect of aging on Typmpanetric findings in Indian population at the Bihar Chapter of Indian Speech & Hearing Association Conference, Bihar 2019, 16th-17th March 2019.



Awards Hosted by the Institute

1. Dr. Sreedevi N., Professor in Speech-Language Sciences, Dr. Ajithkumar, Professor of Audiology, Dr. P. Purusothama, Research Assistant, Ms. Megha, Clinical Assistant, Ms. Geetha M.P., Speech Language Pathologist, Mr. B. Suresh, Upper Division Clerk and Mr. K. Sreenivasa, MTS received the best AIISHAN of the Year award for the year 2018-19.
2. The Department of Material Development and the Purchase Section secured First Prize for the best implementation of Official Language in the Institute under the Department and Section Categories respectively.
3. Dr. Sreedevi N., Professor in Speech-Language Science was honoured for completing 25 years of service.
4. Ms. Rakshith S received Dr. Vijayalakshmi Basavaraj Gold Medal for securing the highest marks in all semesters in M.Sc (Audiology) Examination 2018, University of Mysore.
5. Ms. Priyadharshini V received Dr. R. Sundar Gold Medal for scoring the highest marks in the course titled Speech Language Processing in M.Sc. (Speech Language Pathology) Examination 2018, University of Mysore.
6. Ms. Priyadharshini V received Smt. Jayalakshamma Gold Medal for securing first rank in M.Sc (Speech Language Pathology) Examination 2018, University of Mysore.
7. Ms. Priyadharshini V received from Friends United Organisation Endowment cash prize for securing first rank in M.Sc (Speech Language Pathology) Examination 2018, University of Mysore.
8. Ms. Priyadharshini V. and Ms. Eliza Baby received Smt. T. V. Alamelu Gold Medal for scoring highest marks in the course titled Speech production in M.Sc (Speech Language Pathology) Examination 2018, University of Mysore.
9. Ms. Priyanka received Abhilasha Award for the Best Student Clinician in M.Sc (Speech Language Pathology) for the year 2018.
10. Ms. Shezeen Abdul Gafoor and Ms. Varsha M. Athreya received Smt. R. Sumithamma and Sri. R.K. Rajagopala Gold Medal for the Best Student Clinician in M.Sc (Audiology) for the year 2018.
11. Ms. Hima Nair, Ms. Pooja C, Ms. Thanuja D, and Ms. Vijaya Varsha received the Best Journal Club Presentation Award.
12. Ms. Gouri Girish, Mr. Ankit Lohani and Mr.Jeevan RS received the Best Clinical Conference Presentation Award.
13. Mr. Girish K.S and Ms. Jumana M received the Best talent (male & female) prize during the Institute Talent Day celebration.

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. The major infrastructure development activities carried out during the reporting year are mentioned below.

Civil Engineering Infrastructure

The institute spent Rs.55,51,200/- towards civil engineering infrastructure maintenance during the reporting year. The major works completed include pavement tile resetting, renovation of public toilets near ear mould, painting and roof water proofing to the clinical services building, MS gate for the bus parking shelter, vitrified tile flooring on red oxide for ladies hostel, plastering & repairing of service ducts, repairing of water supply and waterproofing works, fixing false ceiling at internet browsing center, renovation of bathrooms and construction of UG sump, roof dampness repair to E-type quarters, asphaltting internal roads in main campus, lab sink & replacing rain water pipe, diversion of CSD UGD manhole line, fabrication of truss work with weld mesh to cover open court yard and safety railing with SS mosquito mesh. In addition, construction of Centre of Excellence building worth Rs. 8974/- lakhs was under progress.

IT and Other Infrastructure

The Institute spent an amount of Rs. 13,65,70,409/- towards the development IT and other infrastructure facilities and purchase of equipment during the reporting year.

Garden and Landscape Development

The Horticulture Section developed the Mexican lawn with ornamental plants at an area of 2375 sq.ft in front of the SLS/ SLP building and grew 500 indoor ornamental potted plants to place inside the office buildings. A hanging garden was also developed near the administrative building. In addition, the Section prepared around 5 tons of dried leaves compost in the institute nursery yard. The Horticulture Section represented the institute in the Dasara flower show – 2018, organized by the Dept. of Horticulture, Govt. Of Karnataka from 10 to 21 October 2018 and won 1st prize for well-garden maintenance and flower pots arrangement. The Section also participated in the Flower Show 2018, organized by the Mysuru Palace Board, Mysuru, from 26 December to 1 January 2019 and received a Certificate of Appreciation from the Deputy Commissioner, Mysuru District and Executive Officer, Mysuru Palace Board, Mysuru.

Implementation of the Right to Information Act, 2005

The institute has been implementing the Right to Information Act, 2005, in best of spirit. During the reporting year, the Institute answered RTI queries both in offline as well as online mode on the RTI-MIS Portal of the Govt. of India. Also, 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 RTI related queries received and disposed of during the reporting year are given in table 1.

Table 1: RTI Services

Sl.No.	Category	Number
1	No. of applications received as transfer from other PAs u/s 6 (3)	9
2	Received (including cases transferred to other PAs)	43
3	No. of cases transferred to other PAs u/s 6(3)	4
4	Decisions where requests/appeals rejected	3
5	Decisions where requests/appeals accepted	50
6	First Appeal received	3
7	Second Appeal received	0
8	Registration Fee Collected(in Rs.) u/s 7(1)	339
9	Additional Fee Collected (in Rs.) u/s 7(3)	102

Library and Information Services

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

Acquisition of Information Resources: Totally 314 print books were purchased during the reporting year making the total collection to 22190. In addition, 118 national/international journals both in print and electronic format and three online bibliographic databases were subscribed, 74 national / international standards both in print and electronic format were procured, and 71 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 31,35,000 e-books and 6000 e-journals as a part of N-LIST service of the Information and Library Network, University Grants Commission, Govt. of India. J-Gate and Med One ComSci databases were added newly to the collection.

Information Services: The various information services provided during the reporting year include book lending, reference, Internet, online public access catalogue, web portal based CD-



ROM, online databases, e-journals, e-books, plagiarism detection, remote login, bibliographic management, language laboratory, newspaper clipping, digital repository and VPN based resource access to the DHLS centres. Grammarly writing support service was added newly to the information services offered.

Orientation/Training Programmes: The students were oriented on library resources and services and on J-Gate Database, Grammarly and Turnitin software.

Product Development and Distribution

Totally, 3,270 nos. of Institute publications were sold under the aegis of the Product Development Cell generating an amount of Rs.5,79,845/-.

Material Development Activities

During the reporting year, the Department of Material Development designed and developed various materials beneficial for the professionals and the public on prevention, identification and management of communication disorders. It was also involved in translating material to cater to the needs of individuals from different linguistic backgrounds, development of public education materials on various rights and welfare measures available for individuals with communication disorders and duplication of materials. The materials were developed in audio, video and print formats. The details are given in table 2.

Table 2: Material Development Activities

Name of the work	No. of Photos/Pages/Designs /minutes
Photography	4078
Printing	45465
Video	50 minutes
Scanning	1734
Designing	1391
Content development/modification & translation with typing	161



Personnel Management

Staff Strength: Head of the Institute was appointed newly on regular basis and the Administrative Officer on deputation. In addition, 8 non-teaching staff were appointed on regular basis. With this, the regular staff strength of the institute reached 176 which includes 51 Group 'A', 56 Group 'B', 51 Group 'C' and 18 multitasking staff. In addition, 149 contract staffs were also recruited. Thus, the total staff strength of the institute was 325 at the end of the reporting year, excluding the outsourced contract staff for house keeping, gardening and security.

Promotions: There were four promotions under Modified Assured Career Progression. The details are given in tables 3.

Table 3: Modified Assured Career Progression

Sl. No.	Name and designation	Date of upgradation	Pay Band with Grade Pay
1	Dr.R.Gopi Sankar Research Officer	10.06.2018	Level 8 of VII CPC
2	Dr. P. Purusothama Research Assistant	30.07.2018	Level 7 of VII CPC
3	Sri Palaniswamy Group C (MTS)	05.06.2017	Level 4 of VII CPC
4	Sri Mahadeva Group C (MTS)	05.09.2018	Level 4 of VII CPC

Retirement/Repatriation/Resignation: Five staff members, Dr. K. C. Shyamala, Sri. Purushothama K, Sri. Eshwara, Sri. Srinivasa and Sri. Hanumantha were superannuated from the regular service during the reporting year and two staff members, Smt. Vijayashree and Smt. Sujatha V. Shastry took voluntary retirement. Also, Sri. Shyam H.R, Clinical Psychologist Grade II resigned from the service.



Reservation Policy Implementation

The Institute being an autonomous body under the administrative control of Ministry of Health and Family Welfare, Govt. of India, the orders of Government providing reservation for Scheduled Castes and Scheduled Tribes and OBC in matters relating to recruitment and promotions are fully applicable. The details of 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 reservation to the candidates belonging to above mentioned categories in matters related to admission to various courses such as undergraduate, postgraduate, and diploma

programmes conducted by the Institute were implemented. 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 31st March 2019 are given in table 4.

Table 4 : SC/ST Reservation: Staff

Group	Sanctioned Strength	Working Strength	SC	ST
Group A	96	51	07	04
Group B	86	56	06	02
Group C	60	51	08	01
Group C (MTS)	63	18	07	-

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 5.

Table 5: SC/ST Reservation Students

Courses	SC	ST	Total
Undergraduate	35	18	53
Postgraduate	26	09	35
Diploma *	07	00	07
Total	68	27	95

* 7 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. Electro Acoustic evaluation of hearing aids from the District Project Coordinator, SSA, Jagatsinhpur, Odisha, District Project Coordinator, SSA, Nayagarh, Odisha, District Project Coordinator, SSA, Bargarh, Odisha, District Project Coordinator, SSA, Phenkna, Odisha, District Project Coordinator, SSA, Sambalpur, Odisha, District

Project Coordinator, SSA, Kendrapur, Odisha, District Project Coordinator, SSA, Kandhaman, Odisha, District Project Coordinator, SSA, Ganjam, Odisha, District Project Coordinator, SSA, Deogarh, Odisha, District Project Coordinator, SSA, Malkangiri, Odisha, District Project Coordinator, SSA, Nabarangapur, Odisha, District Project Coordinator, SSA, Jajpur, Odisha, District Project Coordinator, SSA, Boudh, Odisha, District Project Coordinator, SSA, Mayurbanj, Odisha, District Project Coordinator, SSA, Angul, Odisha, District Project Coordinator, SSA, Bhadrak, Odisha, Commissioner for Welfare of the Differently Abled, Kamarajar Salai, Chennai, District Project Coordinator, SSA, Nuapada, Odisha, Commissioner for Welfare of the Different Abled, Chennai, District Project coordinator SSA, Gjapathi, District Project coordinator SSA Kalahandi, Odisha, District Project coordinator, Samagra Shiksha Rayagada, Odisha, District Project Coordinator, SSA Puri, Odisha, District Project Coordinator, SSA Balasore, Odisha.

2. Electro Acoustic evaluation of hearing aids from Arphi Electronics Pvt. Ltd., New Delhi
3. Calibration of instruments from Pika medicals Pvt Ltd., Bangalore
4. Calibration of instruments from District Surgeon, Chamaraja Teaching Hospital, HIMS, Hassan.
5. Calibration of instruments from Sohum Innovation Lab Pvt Ltd, Bengaluru.
6. Calibration of the instrument, Inventis Harp plus Audiometer from pika, Medicals Pvt Ltd, Bangalore.
7. Calibration of instruments from Dr. C Nagaraju, Professor. Sri Krishnadevaraya University, Ananthapuram.
8. Calibration of instruments from Nautilus Hearing Solution Pvt. Ltd. Hubli
9. Testing and Certification of newly constructed Audiology lab at National Institute for Empowerment of Persons with Multiple Disabilities, Chennai.



Eminent Visitors

Visitors	Date of Visit
Ms. Vandana Jain Joint Secretary (IFD), Ministry of Health and Family Welfare, Govt. of India, New Delhi.	09.04.2018
Shri Gyan Prakash Shrivatsava Ministry of Health and Family Welfare, Govt. of India New Delhi	19.04.2018
Shri Mukesh Bajpai Ministry of Health and Family Welfare, Govt. of India New Delhi.	
Dr. J. Gaurishankar Fellow, Expert committee of UGC Indian Science Academy Uppal, Hyderabad	04.05.2018 to 05.05.2018
Prof. S.K. Chatturvedi Dean, Behavioural Sciences Senior Professor of Psychiatry and Dean NIMHE, NIMHANS Bengaluru	04.05.2018 to 05.05.2018
Dr. A.K Sinha Director AYJNISHD Mumbai	04.05.2018 to 05.05.2018
Dr. Gopukumar UGC-SWRO Bengaluru	04.05.2018 to 05.05.2018
Smt. Gayathri Mishra Joint Secretary Ministry of Health and Family Welfare, Govt. of India New Delhi	19.06.2018
Smt. Niharika Singh Joint Director, Ministry of Health and Family Welfare, Govt. of India	19.06.2018
Mr. Vivek R. Gurjar Auditor Indian Register Quality Systems Industrial Expert Bengaluru	26.07.2018
Mr. N.P.N Rao Auditor (Team Leader) Indian Register Quality Systems Industrial Expert Bengaluru	26.07.2018
Mr. Rajesh B Trainer (ISO Awareness) Bengaluru	26.07.2018



Dr. Anurag B. Sinha
Trainer (GEM & GFR Training)
NIFM
New Delhi

26.07.2018

Shri V.S. Basavaraju
State Commissioner for Disabilities
Bengaluru

09.08.2018

Prof. T.D. Kemparaju
Vice-chancellor, Bengaluru North University
Bengaluru

09.08.2018

Dr. Kapil Mohan
Director General, Administrative Training Institute
Mysuru

09.08.2018

Mrs. Bhagirathi Bhai Kadam
Director, Rangayana

09.08.2018

Mrs. Vaishnavi Gangubai Hanagal
Hindustani Classical Vocalist

09.08.2018

Mr. Brett Lee
Global brand ambassador of Cochlear, the hearing implant maker &
the Former Australian International Cricketer

07.09.2018



Shri Ashwin Kumar Choubey
Honourable Union Minister of State
Ministry of Family and Welfare

03.02.2019

Dr. Supraja Anand
Assistant Professor in Communication Sciences and Disorders
University of South Florida
Tampa, Florida, USA

11.02.2019

Dr. Akhila Rajappa
Assistant Professor, Department of Communication Sciences and
Disorders, East Stroudsburg University, USA

12. 02.2019



Five Year Key Statistics

Academics					
Category	2014-15	2015-16	2016-17	2017-18	2018-19
Academic Programmes Offered	16	16	17	17	16
Students Admitted	284	296	364	258	242
Total Student Strength	431	532	524	539	554
Guest Lectures	18	19	14	23	07
Orientation/Short Term Training	143	199	187	137	296
Workshops/Seminars	31	33	34	39	29
Invited talk by Faculty & Staff	154	240	259	174	203
No. of Faculty:					
Total	62	59	58	61	58
Professors	15	15	13	23	12
Associate Professors/Readers	12	15	14	23	23
Assistant Professors/Lecturers	35	29	31	15	23

Research					
Category	2014-15	2015-16	2016-17	2017-18	2018-19
Completed Funded Projects:					
Extramural	01	03	05	04	01
Intramural	21	20	19	21	12
New/Ongoing Funded Projects:					
Extramural	10	09	12	11	11
Intramural/ Plan-Funded	39	30	46	46	45
Completed Doctoral Research	07	13	10	12	13
Ongoing Doctoral Research	32	44	45	45	58
Completed Postgraduate Research	70	77	64	68	69
Ongoing Postgraduate Research	70	63	61	69	72
International/National Conference Presentations	85	172	123	160	139
International/National Journal Articles	107	90	129	112	91
Books/Book Chapters	09	16	30	27	19
In-house publications	-	62	53	-	43
Clinical Care					
Category	2014-15	2015-16	2016-17	2017-18	2018-19
Patient Registration	63450	69079	69490	72419	73909
New Cases	22650	23818	22469	22519	22037
Repeat Cases	40800	45261	47021	49900	51872
Speech & Language Assessment	9301	8272	7501	6827	6914
Speech & Language Therapy	5711	5484	6346	5300	5062
Hearing Evaluation	14762	13808	14555	13003	13525
Hearing Aid Trial	10453	7443	7509	7711	6668
Ear Moulds Made	8306	5867	4895	5580	5475
Psychological Assessment	6410	6541	6343	6563	6768
Otorhinolaryngological	37502	41942	38409	39307	39665

Category	2014-15	2015-16	2016-17	2017-18	2018-19
Assessment Specialized Clinical	14	14	15	14	14
Pre School Admission	231	225	224	255	226
Distribution of Hearing Aids:					
ADIP Scheme/AIISH	4286	3820	774	1657	584
AHAD Scheme	1831	1915	-	1070	2324
Allied Health & Medical Speciality Services (clinical care)					
Category	2014-15	2015-16	2016-17	2017-18	2018-19
Physiotherapy	1172	727	631	654	837
Occupational Therapy	-	1355	1739	971	1121
Neurology Consultancy	771	799	730	711	-
Paediatric Consultancy	325	407	414	291	244
Phono Surgery Consultancy	125	186	177	169	193
Plastic Surgery Consultancy	202	175	218	192	226
Prosthetic Consultancy	12	-	-	-	-
Orthodontic Consultancy	60	49	54	112	53
Outreach Services & Public Education					
Category	2014-15	2015-16	2016-17	2017-18	2018-19
Infant Screening at Mysore City Hospitals/Outreach Service Centres	14515	14689	19380	13112	14932
Newborn Screening at Newborn Centres	11819	20779	35782	28439	40734
Industrial Screening	245	224	425	231	304
School Screening	5247	1570	2743	2951	4076
Communication Disorder Screening Camps	-	21	35	46	8
Clinical Cases at Outreach Service Centres	2111	2887	2630	1488	2136
Tele Intervention	122	279	61	102	72
Monthly Public Lectures	12	09	09	06	10

Administration

The affairs of the institute are managed by an Executive Council with the Union Minister of Health and Family Welfare, Govt. of India as the Chairman and the Director of the institute as the Member Secretary. Finance Committee and Academic Committee are the other two administrative bodies of the institute which advice 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, the Standing Finance Committee and Academic Sub-Committee of the Institute are given in next page.



Executive Council	Standing Finance Committee	Academic Sub-Committee
Chairperson <ol style="list-style-type: none"> Hon'ble Minister for Health & Family Welfare Govt. of India, New Delhi 	Chairperson <ol style="list-style-type: none"> Additional Secretary (H) Govt. of India, Ministry of Health & Family Welfare, New Delhi 	Chairperson <ol style="list-style-type: none"> 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) HIG, Block 3, Flat No. 503 Karnataka House Board, Surya Nagar, Chandrapur Post, Bengaluru-560 081
Vice-Chairperson <ol style="list-style-type: none"> Hon'ble Minister for Health & Family Welfare, Govt. of Karnataka, Bengaluru 	Members <ol style="list-style-type: none"> The Director General of Health Services, Ministry of Health & Family Welfare, New Delhi OR His nominee Additional Secretary (FA) Govt. of India Ministry of Health & Family Welfare, New Delhi Joint Secretary (H) Govt. of India Ministry of Health & Family Welfare, New Delhi Principal Secretary, Health & Family Welfare, Department of Health and Family Welfare, Govt. of Karnataka, Bengaluru 	Members <ol style="list-style-type: none"> Nominee from ICMR Nominee of Vice Chancellor University of Mysore Dr. B. K. Yamini Asst. Professor, Dept. of Speech Pathology and Audiology, NIMHANS, Bengaluru-560 029 Dr. Vijay Danivas Consultant, Psychiatrist Department of Psychiatry Mysore Medical College & Research Institute K. R. Hospital, Mysuru-570 001 Three Heads of Departments of AIISH Shri. S. Ramkumar Registrar AIISH, Mysuru
Members <ol style="list-style-type: none"> Secretary Govt. of India, Ministry of Health & Family Welfare New Delhi Director General of Health Services, Govt. of India Ministry of Health and Family Welfare, New Delhi OR His nominee Additional Secretary (H) Govt. of India, Ministry of Health and Family Welfare, New Delhi Additional Secretary and FA Govt. of India Ministry of Health & Family Welfare, New Delhi Joint Secretary (H) Govt. of India, Ministry of Health & Family Welfare, New Delhi Joint Secretary (DD) Govt. of India Ministry of Social Justice and Empowerment, New Delhi Vice-Chancellor University of Mysore, Mysuru Principal Secretary Govt. of Karnataka Dept. of Health and Family Welfare, Bengaluru Director of Medical Education Govt. of Karnataka Bengaluru Three nominees of EC, Chairperson One nominee of Director, AIISH, Mysuru 	Member - Secretary <ol style="list-style-type: none"> Director All India Institute of Speech and Hearing, Mysuru 	Member-Secretary <ol style="list-style-type: none"> Director AIISH, Mysuru 
Member-Secretary <ol style="list-style-type: none"> Director All India Institute of Speech and Hearing, Mysuru 		

₹ Financial Statements

ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570006 AUDITED STATEMENT OF ACCOUNTS FOR THE FINANCIAL YEAR 2018-19

INDEX

Sl No	Name of the Statement	Enclosed as
1.	Balance Sheet as on 31.03.2019	
2.	Income and Expenditure Account	
3.	Receipts and Payments	
4.	Details of Internal Revenue	Annexure 1
5.	Details of Salaries and Allowances	Annexure 2
6.	Other Charges	Annexure 3
7.	Funds	Schedule A
8.	Deposit and Advances of Outside Parties	Schedule B
9.	Remittance Accounts	Schedule C
10.	Other Liabilities	Schedule D
11.	Sponsored Programmes and Other Schemes	Schedule E
12.	Fixed and Other Assets	Schedule F
13.	Statement showing details of work in progress	Schedule F 1
14.	Advances to Staff	Schedule G
15.	Sundry Debtors for Deposits and Advances	Schedule H
16.	Investments	Schedule I
17.	Balance Sheet (ADIP Scheme)	Schedule J
18.	Income and Expenditure Account (ADIP Scheme)	Schedule J1
19.	Receipts and Payment (ADIP Scheme)	Schedule J2
20.	Significant Accounting Policies	-
21.	Auditor's Report	-
22.	Repplies to observation of Audit	-

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

BALANCE SHEET AS ON 31st MARCH 2019

Liabilities	Schedules	₹	Current Year ₹	Previous Year ₹
Capital Fund				
Balance as on 01.04.2018		194,83,85,617.18		
Add : Value of assets acquired out of Project funds/other funds as per stock register and difference of depreciation capitalised.		8,95,79,178.22		
Add : Amount transferred from Income and exp		9,59,90,731.59	2,13,39,55,526.99	
Closing Balance – Capital Fund				194,83,85,617.18
Funds	Schedule- A		64,10,12,795.47	56,59,15,471.47
Deposits and Advances of Outside Parties	Schedule- B		1,80,80,054.00	1,80,71,234.00
Remittances Accounts	Schedule- C		9,98,518.93	9,09,249.09
Other Liabilities	Schedule- D		2,62,40,379.25	2,32,87,224.00
Sponsored Programmes and other schemes	Schedule- E		10,80,30,409.52	9,87,60,188.32
ADIP Scheme	Schedule- J		2,36,701.36	14,35,573.36
Total			292,85,54,385.52	265,67,64,557.42



Stores and Purchase Officer



Chief Accounts Officer



Director

For P. S. & Co.,
Chartered Accountants(P. S. & Co.)
Proprietor

M No. 025710 Firm Reg No. 00248975



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

BALANCE SHEET AS ON 31ST MARCH 2019

Assets	Schedules	Amount ₹	Current Year ₹	Previous Year ₹
Fixed and other Assets	Schedule- F		73,56,85,397.81	58,79,06,232.93
Advances to Staff	Schedule- G		9,48,910.49	12,81,499.49
Sundry Debtors for Deposits and Advances	Schedule-H		136,06,45,096.60	118,26,78,124.89
Investments	Schedule-I		56,94,20,000.00	53,23,20,000.00
ADIP Scheme	Schedule-J		2,36,701.36	14,35,573.36
Grant in aid due account			4,17,50,000.00	
Closing Balance (Cash/Bank)				
Cash in Hand		25,649.87		
Cash in Bank BOB SB A/C No 664		21,98,42,629.39	21,98,68,279.26	35,11,43,126.75
Total			292,85,54,385.52	265,67,64,557.42

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Stores and Purchase Officer

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Chief Accounts Officer

[Signature]

Director

For P. B. & CO.
Chartered Accountants
P. B. & CO.
Chartered Accountants
M. No. 0251710 P. B. & CO. No. 00144979



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

Income and Expenditure Account - 2018-19

Sl No	Expenditure	Current Year ₹	Previous Year ₹
1.	Salaries and Allowances	15,75,54,221.00	16,15,83,079.00
	ADD : Outstanding 2018-19	1,38,20,601.00	1,35,00,850.00
2.	Salaries Contractual Staff	2,04,04,524.00	2,22,67,315.00
	ADD : Outstanding 2018-19	16,30,103.00	22,01,725.00
3.	Salaries - DHLS & NBSC Contractual Staff	1,30,05,142.00	1,26,86,073.00
	ADD : Outstanding 2018-19	11,34,749.00	10,12,679.00
4.	Medical Charges	25,88,911.00	15,33,068.00
	ADD : Outstanding 2018-19	2,26,831.00	-
5.	Professional Services	7,79,137.00	8,10,230.00
	ADD : Outstanding 2018-19	-	25,000.00
6.	Stipend/Fellowship	1,15,62,781.00	96,40,709.00
	ADD : Outstanding 2018-19	5,65,065.00	10,05,014.00
7.	Travelling Allowances	26,90,574.00	23,13,796.00
8.	Institute's Contribution to Funds		
	a) Contributory Provident Fund	95,080.00	1,51,746.00
	b) AIISH Pension Fund	50,71,707.00	53,60,133.00
	c) Contributor Pension Fund Tier-1	74,12,132.00	62,69,365.00
	d) Internal Revenue Transferred to AIISH Pension Fund	8,66,61,190.00	6,39,31,265.76
9.	Interest on Funds		
	a) Contributory Provident Fund	1,29,546.00	93,758.00
	b) General Provident Fund	44,92,102.00	50,20,561.00
	Page Total	32,98,24,396.00	30,94,06,366.76



Stores and Purchase Officer



Chief Accounts Officer



Director

For P.B. & Co.
Chartered Accountants
Firm No. 10010/19
M. No. 10010/19 from Reg. No. 10010/19



Sl No	Expenditure	Current Year	Previous Year
		₹	₹
	B/F	32,98,24,396.00	30,94,06,366.76
10.	Other Charges (Annexure 3)	12,56,22,884.69	8,69,13,443.52
	ADD: Outstanding : 2018-19	73,63,288.86	46,01,732.00
11.	Contributions to LS and PC	1,13,983.00	-
12.	Contribution to AIISH Research Fund	2,00,00,000.00	2,00,00,000.00
13.	Contribution to Clients Welfare Fund	25,00,000.00	25,00,000.00
14.	Grant in aid to DHLS Study Centres	4,25,000.00	6,30,147.00
15.	Grant in aid to NBSC Study Centres	50,000.00	1,00,000.00
16.	Grant in aid to Karuna Trust	18,99,835.00	22,95,456.00
17.	Grant in aid to Outreach Service Centres	25,000.00	-
18.	Outreach Service Centre	14,89,844.00	12,61,366.00
	ADD : Outstanding 2018-19	1,52,452.00	82,000.00
19.	Survey of communication disorder	23,63,612.00	40,09,319.00
	ADD : Outstanding 2018-19	-	3,81,750.00
20.	Depreciation for the year	9,22,42,088.21	13,65,81,527.80
21.	Assets written off	1,27,074.65	3,07,738.00
	Total	58,41,99,458.41	56,90,70,846.08

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Stores and Purchase Officer

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Chief Accounts Officer

M. Ramesh

Director

For P. B. & Co.,
Chartered Accountants

(Firm Seal)

M. No. 805710 Firm Reg. No. 00248719



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

Income and Expenditure Account - 2018-19

Sl No	Income	Current Year ₹	Previous Year ₹
	Grant-in-aid from GOI, Min of Health & Family Welfare – during the FY 2018-19		
1.	Grant-in-aid General	12,36,48,000.00	23,40,48,000.00
2.	Grant-in-aid Salaries	32,24,43,000.00	25,66,43,000.00
3.	Grant-in-aid Capital Assets	10,56,88,000.00	37,04,38,000.00
	Total	55,17,79,000.00	86,11,29,000.00
	ADD : Grants Sanctioned for 2018-19 received after 31.03.2019		
	Grant in aid General	4,17,50,000.00	-
	Grand Total	59,35,29,000.00	86,11,29,000.00
	Less – Amount Transferred to Capital Fund	9,59,90,731.59	35,59,89,419.68
4.	Amount of Revenue Expenditure out of Grants Plan	49,75,38,268.41	50,51,39,580.32
5.	Internal Revenue and other receipts (Annexure I)	8,66,61,190.00	6,39,31,265.76
	Sub Total	58,41,99,458.41	56,90,70,846.08

Stores and Purchase Officer

Chief Accounts Officer

Director

For P. B. & Co.
Chartered Accountants
(Firm Registered with the
Registrar of Companies
M. No. 005710 Firm Reg. No. 00248718)



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Receipts and Payments Accounts for the year 2018-19

Receipts	Current year ₹	Previous year ₹
Opening balance: Cash on hand	96,377.67	
Cash at Bank: BOB SB A/c. 664	35,10,46,749.08	9,69,26,260.32
1. Grant in aid from Ministry of Health & Family Welfare		
a) Grant in aid Salaries	32,24,43,000.00	
b) Grant in aid General	12,36,48,000.00	
c) Grant in aid Capital Assets	10,56,88,000.00	86,11,29,000.00
2. Other receipts towards:		
a) Internal revenue and other receipts (Annexure I)	8,66,61,190.00	6,39,31,265.76
b) Remittances and Other Accounts (Schedule C)	2,84,95,982.19	2,63,04,383.00
c) Sponsored Programmes and other schemes (Schedule E)	3,23,90,657.50	3,89,86,341.25
d) Funds (Schedule A)	7,76,63,214.00	6,08,39,595.00
e) Deposits and Advances - Outside Parties (Schedule B)	1,66,88,148.00	1,54,51,766.00
f) Advances to staff (Schedule G)	14,05,618.00	17,76,776.00
g) Sundry Debtors - Deposits and advances (Schedule H)	67,66,96,912.29	38,49,73,809.59
h) Investments (Schedule I)	2,29,00,000.00	1,80,00,000.00
Total	184,58,23,848.73	156,83,19,196.92

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Stores and Purchase Officer

B67

Chief Accounts Officer

M. R. Raju

Director

For P. B. & Co.
Chartered Accountants
(Firm Registered with the
Registrar of Companies)
M. No. 005710 from Reg. No. 00200718



Sl. No.	Payments	Current Year	Previous Year
A. RECURRING EXPENDITURE		₹	₹
1.	Salaries and Allowances	15,75,54,221.00	16,15,83,079.00
2.	Salaries - Contractual Staff	2,04,04,524.00	2,22,67,315.00
3.	Salaries-Contractual staff –DHLS /NBSC	1,30,05,142.00	1,26,86,073.00
4.	Medical charges	25,88,911.00	15,33,068.00
5.	Stipend/Fellowship	1,15,62,781.00	96,40,709.00
6.	Travelling allowance	26,90,574.00	23,13,796.00
7.	Institute's contribution to funds		
	a) Contributory Provident Fund	95,080.00	1,51,746.00
	b) AIISH Pension Fund	50,71,707.00	53,60,133.00
	c) Contributory Pension Fund Tier -I	74,12,132.00	62,69,365.00
8.	Interest on Funds		
	a) Contributory Provident Fund	1,29,546.00	93,758.00
	b) General Provident Fund	44,92,102.00	50,20,561.00
9.	Professional services	7,79,137.00	8,10,230.00
10.	Other charges	12,56,22,884.69	8,69,13,443.52
11.	Contribution to AIISH Research Fund	2,00,00,000.00	2,00,00,000.00
12.	Contributions to Clients Welfare Fund	25,00,000.00	25,00,000.00
13.	Grants in aid to DHLS Programme(outside centres)	4,25,000.00	6,30,147.00
14.	Grants in aid to NBS Study centre	50,000.00	1,00,000.00
15.	Grant in aid to Karuna Trust	18,99,835.00	22,95,456.00
16.	Out Reach Service Centre	14,89,844.00	12,61,366.00
17.	Survey of Communication Disorder	23,63,612.00	40,09,319.00
18.	Other Liabilities	2,32,87,224.00	1,81,57,975.00
	Total (C/O)	40,34,24,256.69	36,35,97,539.52

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M. Rodriguez

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at the 0.05 level of significance.

Preparation
At No. 025714) From Heng No. 00248176





Annexure I continued

22	Interest on Investment - GPF/CPF	53,99,920.00
23	Interest on SB Account	65,78,501.00
24	Interest on Scooter Advance	6,525.00
25	Library Fees Membership Etc	3,075.00
26	License Fee (Quarters)	3,43,423.00
27	Miscellaneous Income	21,53,867.43
28	POS Service Charges	7,225.04
29	Proceeds on Sale of Old Machineries	5,44,120.00
30	Registration Fees	6,61,920.00
31	Rent (ATM/Xerox Room)	29,250.00
32	Sale of Books/Journals/Syllabus	7,21,083.00
33	Service Charges (TCS)	2,74,506.00
34	Short Term Course/Internship Fee	1,15,750.00
35	Summer/Dusshera Camp	59,000.00
36	Tender Form Fee	6,900.00
37	Therapy	7,19,553.00
38	Water Charges Rec Contr & Staff Etc	94,098.00
39	Workshop Registration Charges	4,92,809.20
	Total	8,66,61,190.00

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Stores and Purchase Officer

[Signature]

Chief Accounts Officer

[Signature]

Director

For P. S. & Co.
Chartered Accountants
(Firm No. 025710 Firm Reg No. 0024875)



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

Annexure-2

Details of Salaries and Allowances - 2018-19

Sl No	Expenditure	Plan ₹
1.	Salaries	13,55,74,419.00
2.	Salaries (Contractual OBC)	1,18,89,854.00
3.	Children Educational Assistance	16,44,778.00
4.	Leave Travel Concession	14,82,101.00
5.	EL Encashment	52,03,385.00
6.	Salary (Contract – ASP)	17,02,244.00
7.	Transfer Grant	57,440.00
	Total	15,75,54,221.00



Stores and Purchase Officer



Chief Accounts Officer



Director

For P.S. & Co.,
Chartered Accountants

(P. Srinivasulu)

Proprietor

M. No. 025710 Firm Reg. No. 0024875



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

Annexure-3

Other Charges - 2018-19

Sl No	Expenditure	Amount ₹
1.	Advertisement	37,03,515.00
2.	Affiliation Fees	11,28,053.00
3.	Anniversary Expenses	9,21,748.00
4.	Audit Fee	16,874.00
5.	Bank Charges	41,929.03
6.	Camp Expenses	25,47,553.00
7.	Consumables	2,59,68,708.03
8.	Consumables Software Programme (G)	10,85,365.00
9.	Contingencies Grant (JRF)	2,08,498.70
10.	Contingencies	23,78,390.45
11.	Development of Campus	24,91,939.28
12.	Earmould Consumables	14,00,337.00
13.	Electricity Charges	59,80,179.00
14.	Entertainment	5,22,374.00
15.	Hospitality Charges	4,39,029.00
16.	ISDN Connectivity Charges	1,34,64,375.00
17.	Legal Charges	7,87,780.00
18.	Maintenance of Building (Electrical)	12,02,395.00
19.	Maintenance of Building	83,98,599.00
20.	Maintenance of Garden	81,280.00

Stores and Purchase Officer

Chief Accounts Officer

Sl No	Expenditure	Amount ₹
21.	Maintenance of Guest House	27,282.00
22.	Maintenance of TE/OE	96,31,924.00
23.	Maintenance of Vehicles	9,66,667.00
24.	Orientation Programmes	26,274.00
25.	Postage	2,62,106.80
26.	Printing & Stationery	17,78,900.00
27.	Publicity and Public Education	31,93,570.00
28.	Rent Rate Taxes and Vehicle Insurance	66,464.00
29.	Seminar and Symposia	21,21,429.00
30.	Short Term & Orientation Programmes	22,669.00
31.	Spares and Accessories	85,48,287.00
32.	Subscription to Periodicals	1,73,169.00
33.	Summer Camp / Dussera Camp	29,994.00
34.	Teaching Aids (Consumables)	2,23,646.00
35.	Telephone Charges	4,04,622.00
36.	Wages	2,53,59,965.40
37.	Water Charges	12,431.00
38.	Xerox Charges	4,563.00
	TOTAL	12,56,22,884.69

Director

For P.S. & Co.
Chartered Accountants

(P. Bhatnagar)

M. No. 025710 Firm Reg. No. 0034875



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

Schedule A

Funds - 2018-19

Particulars	Contributory Provident Fund ₹	General Provident Fund ₹	AIISH Pension Fund ₹	New Pension Scheme T-1 ₹	Total ₹
Opening Balance as on 01.04.2018	15,44,936.00	6,46,58,199.00	49,96,12,731.47	99,605.00	56,59,15,471.47
Receipts during the year :					
Subscriptions/recoveries	1,95,856.00	1,59,86,771.00	50,71,707.00	69,34,186.00	2,81,88,520.00
Institutes contribution	95,080.00	-	-	74,12,132.00	75,07,212.00
Interest on subscription	44,160.00	-	-	-	44,160.00
Interest on contribution	85,386.00	44,92,102.00	-	-	45,77,488.00
Interest on Investment & Maturity value	-	-	3,68,83,271.00	-	3,68,83,271.00
Amount transferred from NPS to Pension Fund	-	-	4,62,563.00	-	4,62,563.00
Amount transferred from Internal Pension Fund	-	-	8,66,61,190.00	-	8,66,61,190.00
Total Receipts during the current Yr	4,20,482.00	2,04,78,873.00	12,90,78,731.00	1,43,46,318.00	16,43,24,404.00
Total Receipts including Opening Balance	19,65,418.00	8,51,37,072.00	62,86,91,462.47	1,44,45,923.00	73,02,39,875.47
Payments during the year :					
Final Payment/withdrawals/Advances	-	2,88,37,609.00	-	-	2,88,37,609.00
Remitted to trustee Bank	-	-	-	1,38,68,372.00	1,38,68,372.00
Payment of Gratuity	-	-	54,36,105.00	-	54,36,105.00
Pension/Family Pension	-	-	3,54,83,263.00	-	3,54,83,263.00
Commuted Value of Pension	-	-	51,39,168.00	-	51,39,168.00
Amount transferred from Pension Fund to NPS	-	-	-	4,62,563.00	4,62,563.00
Total Payments	-	2,88,37,609.00	4,60,58,536.00	1,43,30,935.00	8,92,27,080.00
Closing Balance as on 31.03.2019	19,65,418.00	5,62,99,463.00	58,26,32,926.47	1,14,988.00	64,10,12,795.47

Stores and Purchase Officer

Chief Accounts Officer

Director

FOR P.S. & CO.
Chartered Accountants

(P. Prabhakar)

M. No. 025710 Firm Reg. No. 0034875



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

Schedule B

Deposits and Advances of Outside Parties - 2018-19

Sl No	Particulars	Opening Balance as on 01.04.2018	Receipts	Payments	Closing Balance as on 31.03.2019
		₹	₹	₹	₹
1.	Caution Money Deposit	28,81,000.00	8,75,250.00	7,54,500.00	30,01,750.00
2.	Contractors Security Deposit	9,95,943.00	33,74,217.00	21,86,743.00	21,83,417.00
3.	Earnest Money Deposit	23,39,894.00	5,84,880.00	22,48,903.00	6,75,871.00
4.	Endowment	3,25,799.00	-	-	3,25,799.00
5.	Advance HADS	1,08,40,648.00	1,18,53,801.00	1,08,40,648.00	1,18,53,801.00
6.	Cheques Issued and not presented to Bank Account	3,01,550.00	-	2,63,100.00	38,450.00
7.	Implantable Hearing Aids Dispensing Unit (IHCU)	3,86,400.00	-	3,85,434.00	966.00
	Total	1,80,71,234.00	1,66,88,148.00	1,66,79,328.00	1,80,80,054.00

(Signature)

Stores and Purchase Officer

(Signature)

Chief Accounts Officer

(Signature)

Director



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

Schedule C

Remittances -2018-19

Sl No	Details	Opening Balance as on 01.04.2018	Receipts	Payments	Closing Balance as on 31.03.2019
		₹	₹	₹	₹
1.	AISH Gymkhana	1,16,140.00	3,02,605.00	4,13,805.00	4,940.00
2.	Awards	53,559.09	23,528.00	19,299.00	57,788.09
3.	Examination Fees	20,125.00	13,89,850.00	13,89,850.00	20,125.00
4.	Examination Fees DHLS	30,000.00	-	-	30,000.00
5.	Examination Remuneration	17,536.00	22,380.00	22,380.00	17,536.00
6.	GIS (Deputationist)	-	4,670.00	4,670.00	-
7.	G.S.L.S A/c	-	8,80,607.00	8,80,607.00	-
8.	GPF/CPF Deputationist	-	2,98,860.00	2,98,860.00	-
9.	GST	-	20,36,222.79	15,35,139.95	5,01,082.84
10.	House Building Advance - Others	-	1,25,191.00	1,25,191.00	-
11.	Income Tax Firms	438.00	22,73,052.00	22,73,490.00	-
12.	Income Tax Contract/Projects/others	-	7,15,900.00	7,15,900.00	-
13.	Income Tax Pension	-	7,62,440.00	7,62,440.00	-
14.	Income Tax Regular Salaries	-	1,24,07,150.00	1,24,07,150.00	-
15.	Labour Cess	-	1,55,954.00	1,55,954.00	-
16.	LIC Premium	-	36,80,260.40	36,80,260.40	-
17.	NSS	12,060.00	11,250.00	10,560.00	12,750.00
18.	Professional Tax	34,800.00	7,87,400.00	7,91,800.00	30,400.00
19.	Provision for Audit Fees	1,180.00	1,180.00	1,180.00	1,180.00
20.	RD/CTD Recoveries and Paid	-	67,500.00	67,500.00	-
21.	Red Cross	12,315.00	21,750.00	5,280.00	28,785.00
22.	Royalties	-	83,246.00	83,246.00	-
23.	Sales Tax	1,509.00	3,591.00	-	5,100.00
24.	Suspense A/c	5,03,732.00	-	3,20,955.00	1,82,777.00
25.	Undisbursed Salaries	25,750.00	-	-	25,750.00
26.	University of Mysore	80,105.00	24,33,520.00	24,33,320.00	80,305.00
27.	Welfare Fund (Deputationist)	-	7,875.00	7,875.00	-
	Total	9,09,249.09	2,84,95,982.19	2,84,06,712.35	9,98,518.93

Stores and Purchase Officer

Chief Accounts Officer

Director

For P.B. & CO.
Chartered Accountants
(Firm Registration No. 0024875)

M No. 025710 Firm Reg No. 0024875



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

Schedule D

Other Liabilities - 2018-19

Sl No	Particulars	Balance as on 01.04.2018	Debit	Credit	Closing Balance as on 31.03.2019
		₹	₹	₹	₹
1.	Out Reach Service Centres	82,000.00	82,000.00	1,52,452.00	1,52,452.00
2.	Payment of Professional Services	25,000.00	25,000.00	-	-
3.	Salaries and Allowances	1,21,58,237.00	1,21,58,237.00	1,29,45,859.00	1,29,45,859.00
4.	Medical Charges	-	-	2,26,831.00	2,26,831.00
5.	Salaries Contractual OBC(P)	13,42,613.00	13,42,613.00	8,74,742.00	8,74,742.00
6.	Salaries Contractual Staff (Plan)	22,01,725.00	22,01,725.00	16,30,103.00	16,30,103.00
7.	Salaries DHLS/NBS	10,12,679.00	10,12,679.00	11,34,749.00	11,34,749.00
8.	Stipend/Scholarship	10,05,014.00	10,05,014.00	5,65,065.00	5,65,065.00
9.	Survey of Communication Disorders	3,81,750.00	3,81,750.00	-	-
10.	Other Charges	46,01,732.00	46,01,732.00	73,63,288.86	73,63,288.86
11.	Library Books	4,29,994.00	4,29,994.00	-	-
12.	Technical Equipment	46,480.00	46,480.00	7,16,904.39	7,16,904.39
13.	Furniture and Fixtures	-	-	1,12,424.00	1,12,424.00
14.	Computer Peripherals	-	-	1,30,500.00	1,30,500.00
15.	Tube well and Water supplies	-	-	2,31,713.00	2,31,713.00
16.	Software Programme	-	-	76,263.00	76,263.00
17.	Office Equipment	-	-	38,490.00	38,490.00
18.	Electrical Installation	-	-	8,720.00	8,720.00
19.	DST Project -Auditory & Cognitive Consequences of dys-synchronous auditory nerve activity (Dr Ajit Kumar U)	-	-	-	-
	Total	2,32,87,224.00	2,32,87,224.00	2,62,40,379.25	2,62,40,379.25

(Signature)

Stores and Purchase Officer

(Signature)

Chief Accounts Officer

(Signature)

Director

For P.S. & Co.,
Chartered Accountants
(Firm Regd. No. 0024875)



Schedule E

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

Sponsored Programmes and Other Schemes - 2018-19

Sl No	Particulars	Balance as on 01.04.2018	Receipts	Payments	Closing Balance as on 31.03.2019
		₹	₹	₹	₹
1.	Sponsored Programmes: DST Project - Cortical Auditory evoked potentials as measure of Development in Children with Hearing Impairment. (Dr Rajasubhakar)	1,39,589.00	-	1,39,589.00	-
2.	DST Project - Effect of Auditory Cognitive Training on Speech perception Skills in Individuals with Sensori - neural hearing loss (Dr Ajith Kumar U)	1,150.00	-	1,150.00	-
3.	DST Project - Simple Reaction Time and P 300 measures as potentials indicators of Cognitive Linguistic Processing (Dr P Manjula)	6,056.00	-	6,056.00	-
4.	DST Project - Auditory Multisensory Processing in Persons with stuttering (Dr Sarithosh M)	5,630.00	-	5,630.00	-
5.	DST Project - Cognitive Linguistic Abilities in Children with repaired Cleft Lip and Palate (Dr M Pushparathi)	3,598.00	-	-	3,598.00
6.	DST Project - Development and Validation of screening Tools to Identify learning disability (Dr KS Prerna)	48,836.00	-	48,836.00	-
7.	DST Project - SERB Efficacy of Early Language Intervention (Dr M Pushparathi)	1,21,508.00	14,00,000.00	11,02,763.00	4,18,745.00
8.	DST Project - SERB Effect of Personal Music System on Hearing (Dr Ajith Kumar U)	5,510.00	5,510.00	-	-
9.	EEG Project International Seminar	3,13,845.00	80,000.00	1,99,730.18	1,94,114.82
10.	RMR Project - Association of Psycho Social and Communicative behaviour (Dr. K.C. Shyamala)	2,18,398.00	4,57,563.00	3,02,088.00	3,73,873.00
11.	RMR Project - Development of Battery for Cognitive Communication disorders in Karnataka (BCC-K) (Dr SP Goumri)	-1,17,645.00	5,48,850.00	4,23,083.00	8,122.00
12.	CME Programme from MCI	37,398.00	-	37,398.00	-
13.	Master's Trainees Programme under SSA	38,700.00	-	38,700.00	-
14.	DRT Project - NASOPHARYNX - Development of Diagnostic System for severity Assessment of the disorders in speech (Dr Ajith K. Abraham)	6,74,000.00	-	3,20,979.00	3,53,061.00
15.	National Programme POC-D-Tip for Paediatrician & Otolinics	3,357.00	-	3,357.00	-
16.	NPPCD Programme (Gov. of Karnataka)	38,784.00	-	38,784.00	-
17.	SERB Project - NIELI/IRP evidence for improvement in Audio-Visual integration in Individuals with ANSD Post speech and reading training (Dr Rajalakshmi K)	6,44,840.00	10,00,000.00	9,00,742.00	7,44,098.00
18.	SSA Programme Lakshwemy	82,650.00	-	82,650.00	-
19.	UGC Grant-Raman Post Doctoral Fellowship	-2,266.00	2,266.00	-	-

Stores and Purchase Officer

Chief Accounts Officer

Director

For P.S. & Co.

Chartered Accountants

(P. Rajalakshmi)

Proprietor

M No. 025710 Firm Reg No. 0024875



Sl No	Particulars	Balance as on 01.04.2018	Receipts	Payments	Closing Balance as on 31.03.2019
		₹	₹	₹	₹
20.	DST-(CBT) Efficacy of computer based training module on cognitive skills in children with central auditory processing disorders. (Dr.Prawin Kumar)	10,51,000.00	-	8,22,702.00	2,28,298.00
21.	DST-CSRI-Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss (Dr.M.Sandeep)	18,36,129.00	-	13,58,533.00	4,77,596.00
22.	IMPRINT-ITI-Dr.Ajish Abraham	3,51,519.25	7,99,970.50	9,47,121.00	2,04,368.75
23.	UGC-Scheme for CPE	23,99,000.00	-	24,70,554.12	-71,554.12
24.	DST Project -Auditory & Cognitive Consequences of dys-synchronous auditory nerve activity (Dr Ajit Kumar U)	-	20,48,400.00	1,65,507.00	18,82,893.00
25.	DST-"Neuroaudiological profiling of children in specific language impairment"	-	11,81,800.00	1,52,429.00	10,29,371.00
	PI:Dr.Animesh Barman	-	-	-	-
22.	DST-SERB-ROBAT-PI Dr.Ajish K. Abraham	-	18,55,715.00	-	18,55,715.00
23.	ICSSR Workshop (Yoga)	-	60,000.00	-	60,000.00
24.	ICSSR Workshop Registration Fees (Employment Vocational Training)	-	50,000.00	-	50,000.00
25.	DST-"INSPIRE FELLOW" PI:P.Manjula	-	3,68,000.00	2,97,754.00	70,246.00
	Total	78,90,546.25	98,58,074.50	98,66,075.30	78,82,545.45
	Other Schemes :				
1.	AISH Research Fund	8,47,25,205.77	2,00,00,000.00	1,04,62,257.00	9,42,62,948.77
2.	Camp Organisers A/c	16,399.00	-	-	16,399.00
3.	Clients Welfare Fund	60,77,506.30	25,05,000.00	27,92,104.00	57,90,402.30
4.	AISH Patient Block Fund	50,531.00	27,583.00	-	78,114.00
	Total	9,08,69,642.07	2,25,32,583.00	1,32,54,361.00	10,01,47,864.07
	Grand Total	9,87,60,188.32	3,23,90,657.50	2,31,20,436.30	10,80,30,409.52

[Signature]

Stores and Purchase Officer

[Signature]

Chief Accounts Officer

[Signature]

Director

For P.S. & C.O.
Chartered Accountants

(P. Sankaradasa)
Proprietor

M No. 025710 Firm Reg No. 0024875



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE - 6

Schedule F

FIXED & OTHER ASSETS 2018-19

Description	L.F. E	Dep. Rate	GROSS BLOCK				DEPRECIATION				NET BLOCK	
			Cost / Valuation as at beginning of this Year	Additions During the year	Deductions during the year	Cost / valuation at the year-end	Accumulated Depreciation upto 31.3.2018	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
LAND		NA										
BUILDING	20	5%	538,942,209.44	7,105,974.00	3,361,255.00	538,786,028.44	124,037,023.43	36,885,318.00	3,361,255.00	157,561,086.43	383,224,942.81	412,005,246.01
TECHNICAL EQUIPMENTS	10	10%	386,746,337.03	56,540,631.06	254,121.30	445,032,846.79	241,437,919.33	32,056,148.00	127,060.65	273,316,007.28	171,716,828.34	147,306,417.10
VEHICLES	15	6.67 %	8,737,799.00	-	-	8,737,799.00	3,581,284.05	253,637.00	-	3,834,931.05	1,932,827.95	2,186,484.95
Furniture & fixtures	10	10%	63,558,281.33	13,324,483.00		76,882,764.33	58,886,772.76	3,400,654.00		62,087,626.76	14,795,137.57	4,871,508.57
Office equipment	5	20%	72,450,814.33	2,779,623.00	17,800.00	75,212,337.33	70,361,440.85	1,237,218.00	17,889.00	71,600,759.85	3,631,877.68	2,083,173.68
Computer peripherals	5	20%	81,566,408.45	14,443,028.00	2,982,179.34	93,527,266.11	87,798,856.31	10,338,636.00	2,982,153.24	75,183,336.07	17,873,931.14	13,796,562.14
Software	5	20%	34,045,211.15	5,895,379.80	-	39,944,796.95	30,388,024.05	2,248,803.00	-	32,637,827.05	7,306,989.96	3,656,587.10
Electrical installations	10	10%	2,436,938.33	3,227,066.00		5,677,004.33	323,772.03	436,088.00		754,376.03	4,822,634.30	2,116,166.30
Library books	20	5%	107,641,122.62	12,573,211.00		119,814,433.62	30,004,520.01	5,312,241.21		35,316,761.22	84,297,672.48	77,036,602.61
Tube wells & water supplies	10	10%	1,257,365.90	256,513.00		1,507,878.90	372,372.53	106,627.06		478,899.53	1,028,979.37	884,983.37
Teaching Aids	10	10%	68,369.00	12,563.00		80,962.00	8,839.50	8,086.00		14,925.50	66,026.19	81,559.10
Garden Equipment	10	10%	29,000.00	7,500.00		36,500.00	2,900.00	3,655.00		6,555.00	29,949.00	26,100.00
Household Utensils	10	10%	38,819.00	106,800.00		143,819.00	2,588.90	14,362.00		16,950.90	126,868.19	34,230.10
Work in progress			8,492,993.00	46,881,133.78	3,622,877.00	48,751,251.78	-	-		-	48,751,251.78	8,492,993.00
Total of Current Year			1,391,512,918.36	153,518,366.64	6,815,448.54	1,448,415,436.68	626,578,324.55	92,242,088.21	6,488,371.89	712,796,648.87	775,685,387.81	674,536,194.83

Depreciation correction of ₹ 8,65,29,961.10 pertaining 2017-18 has been incorporated in 2018-19 and credited to capital fund account under the Head of Technical Equipment, Furniture & Fixtures, Office Equipment, Computer Peripherals and Software Programme.



Stores and Purchase Officer



Chief Accounts Officer



Director

FOR P.S. & CO.
Chartered Accountants

(F. No. 100/2018-19)
Mysore

M. No. 025710 Firm Reg. No. 0024875



Schedule F I

Statement showing details of work in progress as on 31.3.2019

H. Rodriguez

Chief Accounts Officer

Director

For P. S. & Co.,
Chartered Accountants

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ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule G

Advances to Staff 2018-19

Sl.No.	Particulars	Balance as on 01.04.2018 ₹	Additions / Debits ₹	Recoveries / Credits ₹	Balance as on 31.03.2019 ₹
	A. INTEREST BEARING ADVANCES				
1	Motor Car Advance	87,200.00	-	9,600.00	77,600.00
2	Scooter Advance	80,500.00	-	52,000.00	28,500.00
3	Personal Computer Advance	7,96,129.00	9,371.00	2,86,000.00	5,19,500.00
	Total A	9,63,829.00	9,371.00	3,47,600.00	6,25,600.00
	B. INTEREST FREE ADVANCES				
1	Festival Advance	6,000.00	-	-	6,000.00
2	LTC Advance	1,39,200.00	8,11,760.00	8,73,960.00	77,000.00
3	Medical Advance	-	67,500.00	13,500.00	54,000.00
4	TA Advance	1,72,470.49	1,84,398.00	1,70,558.00	1,86,310.49
	Total B	3,17,670.49	10,63,658.00	10,58,018.00	3,23,310.49
	Total of A & B	12,81,499.49	10,73,029.00	14,05,618.00	9,48,910.49



Stores and Purchase Officer



Chief Accounts Officer



Director

For P. S. & Co.
Chartered Accountants
(Firm No. 025710 Firm Reg No. 0024875)



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

Schedule H

Sundry Debtors for Deposits and Advances – 2018-19

Sl No	Particulars	Opening Balance as on 01.04.2018 ₹	Debits/ Payments ₹	Credits/ Withdrawals ₹	Closing Balance as on 31.03.2019 ₹
	A. Permanent				
1.	Karnataka Power Transmission Corporation Ltd(3MMD)	4,97,340.00	-	-	4,97,340.00
2.	Deposit with BSNL	53,125.00	-	20,823.00	32,302.00
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
5.	Deposit with CESCOM	-	4,06,865.00	-	4,06,865.00
	B. Temporary				
6.	Deputy Controller of Accounts Dept of Supplies	3,693.11	-	-	3,693.11
7.	SB A/c No 675 with Bank of Baroda-Pension Fund	66,16,162.71	12,38,10,109.76	10,60,54,536.00	2,43,71,736.47
8.	SB A/c No 518 with Bank of Baroda-NPS T-1	7,93,249.00	1,39,08,448.00	1,39,27,299.00	7,74,398.00
9.	SB A/c No 651 with Bank of Baroda- GPF/CPF	1,56,43,498.00	2,63,16,552.00	3,11,95,169.00	1,07,64,881.00
10.	SB A/c No 2221 with Bank of Baroda-UG A/c	12,39,982.42	1,13,34,192.33	-	1,25,74,174.75
11.	SB A/c No 2222 with Bank of Baroda-PG A/c	21,50,210.00	64,63,834.00	-	86,14,044.00
12.	SB A/c No 2811 with Bank of Baroda-Patient Block	50,531.00	27,583.00	-	78,114.00
13.	Suppliers Advance – Firms	91,15,542.00	5,70,70,894.91	5,20,33,469.29	1,41,52,967.62
14.	Suppliers Advance - Individuals	5,27,928.65	66,15,405.00	66,15,616.00	5,27,717.65
15.	Short Term Fixed Deposit with Bank	33,60,00,000.00	60,87,10,000.00	46,49,50,000.00	47,97,60,000.00
16.	Deposit with CPWD	80,72,10,067.00	-	-	80,72,10,067.00
17.	Deposit with MCC UGD Link	19,00,000.00	-	19,00,000.00	-
	Total	118,26,78,124.89	85,46,63,884.00	67,66,96,912.29	136,06,45,096.60

[Signature]

Stores and Purchase Officer

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Chief Accounts Officer

[Signature]

Director

For P.B. & CO.
Chartered Accountants
(Firm Registration No. 0024875)



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

Schedule I

Investments - 2018-19

Particulars	Balance as on 01.04.2018 ₹	Additions/ Payments ₹	Realisation/ Receipts ₹	Closing Balance as on 31.03.2019 ₹
A. General Provident Fund/ Contributory Provident Fund :				
Fixed Deposits with Bank of Baroda	5,25,00,000.00	-	50,00,000.00	4,75,00,000.00
B. Pension Fund :				
Fixed Deposit with Bank of Baroda	42,95,00,000.00	6,00,00,000.00	1,79,00,000.00	47,16,00,000.00
C. Others				
Fixed Deposit with Bank of Baroda	5,00,00,000.00	-	-	5,00,00,000.00
D. Endowment Funds				
Fixed Deposit with Bank of Baroda				
a) Award - Dr. Prathibha Karanth	10,00,00	-	-	10,00,00
b) Award - Dr. Venkateshamurthy	50,00,00	-	-	50,00,00
c) Award - Smt Indira Kumari	10,00,00	-	-	10,00,00
d) Award - Friends Organisations.	50,00,00	-	-	50,00,00
e) Award - Dr Vijayalakshmi B	50,00,00	-	-	50,00,00
f) Award - Ms R Rajalakshmi	50,00,00	-	-	50,00,00
g) Award - Smt TV Alamelu	50,00,00	-	-	50,00,00
h) Award - Dr R Sundar	50,00,00	-	-	50,00,00
Total	53,23,20,000.00	6,00,00,000.00	2,29,00,000.00	56,94,20,000.00



Stores and Purchase Officer



Chief Accounts Officer



Director

For P.B. & Co.
Chartered Accountants
(Firm Registered)
M No. 025710 Firm Reg No. 0024875



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule J

**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Balance Sheet as on 31st March 2019**

	Liabilities	Amount		Assets	Amount	
		Current Year	Previous Year.		Current Year	Previous Year
		₹	₹		₹	₹
Capital Fund						
Opening Balance	14,35,573.36					
Less : Excess of Expenditure over Income transferred from Income & Expenditure a/c				Closing stock of hearing aids		NIL
Total	11,98,872.00	2,36,701.36	14,35,573.36	Cash at Bank	2,36,701.36	14,35,573.36
		2,36,701.36	14,35,573.36	Total	2,36,701.36	14,35,573.36

[Signature]

Stores and Purchase Officer

[Signature]

Chief Accounts Officer

[Signature]

Director

For P.B. & Co's
Chartered Accountants

(P. Bhatnagar)

M. No. 025710 Firm Reg. No. 0024875



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule J 1

ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Income and Expenditure Account for the year ended 31st March 2019

Expenditure	Amount		Income	Amount	
	Current year	Previous Year		Current year	Previous Year
	₹	₹		₹	₹
Expenditure on purchase of hearing aids and solar batteries :					
Opening stock	NIL				
Add: Purchases 2018-19	12,04,280.00				
Less: Closing stock	NIL				
Firmament charges	12,04,280.00	NIL	Interest on SB A/c	39,408.00	6,435.00
	34,000.00	NIL	Grants Received	0.00	25,00,000.00
			Proceeds on sale of Hearing Aids	0.00	0.00
Audit fee	0.00	NIL	Excess of expenditure over income transferred to Balance Sheet	11,98,872.00	0.00
Excess of income over income Expenditure transferred to Balance Sheet		25,06,435.00			
Total	12,38,280.00	25,06,435.00	Total	12,38,280.00	25,06,435.00

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Stores and Purchase Officer

[Signature]

Chief Accounts Officer

[Signature]

Director

For P.S. & Co.
Chartered Accountants

(P. Srinivasulu)

Chartered Accountant

M. No. 025710 from Reg. No. 0034875



ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSORE 570 006

Schedule J 2

**ADIP Scheme (Government of India, Ministry of Social Justice and Empowerment)
Receipts and Payments Account for the year ended 31.03.2019**

Receipts	Amount		Payments	Amount	
	Current year	Previous Year		Current Year	Previous Year
	₹	₹		₹	₹
SB A/c. with SBI	14,35,573.36			12,04,280.00	-
Grants in aid received		(10,70,861.64)	Purchase of Hearing Aids Infrastructural assistance and fitment charges due to aish Audit Fee	34,000.00	-
Interest on SB A/c	Nil	25,00,000.00		0.00	-
		6,435.00			-
	39,408.00		Closing Balance	2,36,701.36	14,35,573.36
Total	14,74,981.36	14,35,573.36	SB A/c. with SBI	14,74,981.36	14,35,573.36

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Stores and Purchase Officer

(Signature)

Chief Accounts Officer

(Signature)

Director

FOR P.B. & CO.
Chartered Accountants

(Firm Registered)
M. No. 025710 Firm Reg. No. 0024875



**Notes forming integral part of the financial statements for the year ended
31st March 2019**

A. Significant accounting policies:

1. The financial statements of the Institute have been prepared under the historic cost convention on cash basis.
2. Fixed Assets are recorded at cost of acquisition or construction, less accumulated depreciation.
3. Depreciation:
Depreciation on fixed assets has been provided during the year on the basis of estimated life of assets on straight line method.
4. Accounting policies not specifically referred hereinbefore are otherwise in compliance with generally accepted accounting policies.
5. Income on investment is accounted for on the basis of right to receive
6. Investment are carried at cost
7. Particulars of income or expenditure of prior period credited or debited to the Income & Expenditure are NIL
8. Test check has been conducted and found to be properly accounted
9. There is no such events occurring after the date of balance sheet

[Signature]

Stores and Purchase Officer

[Signature]

Chief Accounts Officer

[Signature]

Director

For P.S. & Co.,
Chartered Accountants

(P. Srinivasan)
Proprietor

M. No. 035710 Firm Reg. No. 0034875



CA. Srinivasa P.
B.Com., LL.B., FCA
P. S. & Co.,
Chartered Accountants
190/1, First Floor,
Dewan's Road,
Mysore - 570 024.



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9590909011

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psandcomys@gmail.com

AUDITOR'S REPORT

THE MEMBERS ALL INDIA INSTITUTE OF SPEECH AND HEARING MYSORE

We have audited the attached Balance sheet of **ALL INDIA INSTITUTE OF SPEECH AND HEARING** as on 31st March 2019 and the Income and Expenditure Account for the year ended that date. These financial statements are the responsibility of the society's management. Our responsibility is to express an opinion on these financial statements based on our audit.

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

Further to the above, we report that:

1. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
2. The Balance Sheet and Income and Expenditure Account dealt with by this report, are in agreement with the books of accounts maintained by the Institute.
3. In our opinion and to the best of our information and according to the explanations given to us, the said accounts subject to the observations set out in the Annexure, annexed hereto, which is an integral part of this report, give a true and fair view:
 - i. In the case of the Balance Sheet, of the state of affairs of the society as at 31st March 2019, and;
 - ii. In the case of the Income and Expenditure Account of the Excess of Income over Expenditure of the Society for the year ended 31st March 2019.

Place: Mysuru
Date: 03.08.2019



For P. S. & Co.,
Chartered Accountants

(P. SRINIVASA)
Proprietor
M. No. 025710 Firm Reg No. 0024978

UD2N:-190267107/ANAP 216

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

Replies to observations of Audit on the Accounts of the Institute for the year ended 31.03.2019
Referred to in Para (3) of Audit report dated 03rd August 2019.

Sl No	Observations of the Chartered Accountants	Replies												
1	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 2018 and @ 50% of applicable rate for additions made after September 2018.	The method has been adopted and depreciation is calculated accordingly.												
2	Capital Working in progress Rs. 15,72,150.00 is pending since 01.04.2016 steps may be taken to transfer the same to corresponding asset after confirming the completion of work.	This amount pertains to construction of Museum and providing water supply and UG drainage facility to New Gents Hostel and it would be capitalized once the work is completed.												
3	Original cost of building value to the extent of Rs. 33,61,255.00 has been written-off during the year due to demolition	The extent value of old quarters demolished has been written off with the approval.												
4	Value of Computer peripherals to the extent of Rs. 29,82,178.24 is written-off, out of which details for Rs. 26,34,896.24 is not furnished	The copies of approvals are furnished for the information of auditors.												
5	Deposit with CPWD amounting to Rs. 80,72,10,067.00 is pending since 31.03.2016. Expenditure incurred is required to be debited to final head of account after obtaining the completion report of the work executed	Deposit is in respect of construction of Centre of Excellence Building work is still under progress. Upon completion of the building in all respects, it would be capitalized.												
6	Deputy Controller of Accounts Department of Supplies balance of Rs. 3,693.11 is pending prior to 2015-16.	Necessary correction action would be taken and closed in 2019-20.												
7	Depreciation to the extent of Rs. 8,66,29,961.10 excess debited during 2017-18 has been reversed by crediting to capital fund account and debiting to the following assets: a. Technical Equipment. Rs(-) 8,55,81,850.87 b. Furniture and Fixtures Rs(+) 16,23,542.97 c. Office Equipment Rs (-) 1,200.00 d. Computer Peripherals Rs (-) 2,00,980.30 e. Software Program Rs (-) 24,70,272.90 Rs (-) 8,66,29,961.10	The rectification entries have been passed and reflected in the books of accounts.												
8	The following items remaining unadjusted: <table><tr><th>Sl No.</th><th>Details</th><th>Amount</th><th>Pending Since</th></tr><tr><td>1</td><td>Examination Fees DHLS</td><td>30,000.00</td><td>01.04.2017</td></tr><tr><td>2</td><td>Undisbursed Salaries</td><td>25,750.00</td><td>01.04.2016</td></tr></table>	Sl No.	Details	Amount	Pending Since	1	Examination Fees DHLS	30,000.00	01.04.2017	2	Undisbursed Salaries	25,750.00	01.04.2016	Since the instructions were not received from the concerned departments for remittance of the same, it was not remitted. However necessary action would be taken to clear the same as early as possible.
Sl No.	Details	Amount	Pending Since											
1	Examination Fees DHLS	30,000.00	01.04.2017											
2	Undisbursed Salaries	25,750.00	01.04.2016											

22/8

Stores and Purchase Officer

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Chief Accounts Officer

M. Raju

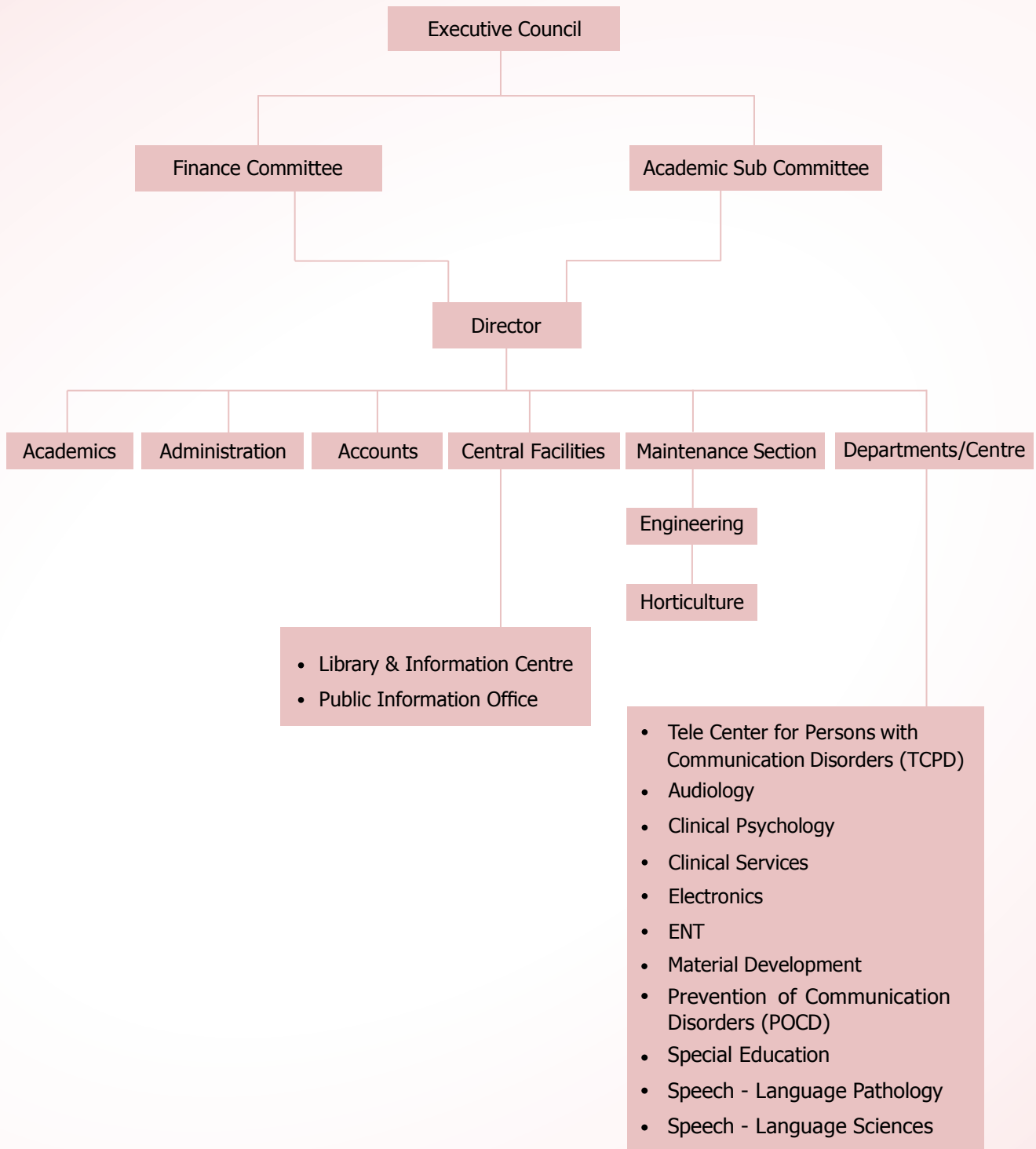
Director

For P. S. & Co.
Chartered Accountants




(P. S. & Co.)
Proprietor
M. No. 005710 Form Reg No. 0024878

Organogram



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Speech & Hearing
MYSURU, INDIA

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