

ANNUAL REPORT 2021-22

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NEWS

ACADEMIC

Graduation Day 2020: The Institute Graduation Day 2020, was held on 9th August 2021 in virtual mode. Prof. Lingaraja Gandhi, Hon'ble Vice-Chancellor, Bengaluru University, Bengaluru, Ms. Preeti Pant, Joint Secretary (Urban Health), Ministry of Health & Family Welfare, Government of India, New Delhi, and Shri. Ramesh K Oza, Audiologist, Calipsonic, Mumbai, were the distinguished guests of the function. Awards, honors, and endowment cash prizes were presented to the University rank holding students of the Institute, sponsored by AIISH alumni and others. Prizes and medals were also awarded to the best clinical conference and journal club presentations.

AIISH Entrance Examination: The Institute conducted national-level online entrance examinations to admit students to the Bachelor of Audiology and Speech-Language Pathology (B.ASLP), M.Sc. (Audiology), and M.Sc. (Speech-Language Pathology) programs on 13th September 2021. A total of 2001 candidates appeared for the B.ASLP entrance examination, 408 for M.Sc. (Audiology) and 299 for M.Sc. (Speech-Language Pathology) examinations held in 15 centres in 13 states across the country.

RCI Inspection and Recognition: The Institute obtained the renewal of affiliation for conducting Diploma Programme in Hearing Aid and Earmould Technology, and approval for enhancement of the number of seats of the B.ASLP program from the existing 62 to 82 from the Rehabilitation Council of India (RCI), Govt. of India, New Delhi. A team of RCI experts comprising, Dr. Sanjay Mujral and Dr. Suman carried out a physical inspection of the Institute facilities and services in this regard on 17th September 2021.

AIISH Audiology Convention: The Institute organized the 1st AIISH Audiology Convention with the theme, *Bridging the gap between theory and clinical practice in audiology* under the aegis of the Department of Audiology, from 11th to 12th November 2021, in virtual mode. The conference's objective was to update the knowledge and skills of the students and professionals in the field of audiology. Dr. Sunil Kumar, Director General of Health Services, Ministry of Health and Family Welfare, Govt. of India, inaugurated the event. Dr. Shelly Chadha, Technical Lead, Ear and Hearing Care, Department of Non-communicable Diseases, W.H.O., served as the guest of honor and delivered a keynote address. There were eight invited talks, two-panel discussions, 42 scientific paper presentations, and four doctoral theses presentations. Two scientific papers in each conference category were considered for the best paper award. Nearly three hundred students and professionals across the world registered for the program. The convention instituted an oration award for the speech and hearing professional who served in the Department of Audiology, AIISH, for more than 15 years. Sri E.P. Balakrishnan, a retired employee of the Audiology Department, AIISH, Mysore, received the first AIISH Audiology Oration Award for his accomplishments and contribution to the field.

NAAC Assessment and Accreditation: The Institute underwent the cycle-II assessment of the National Assessment and Accreditation Council, UGC from 29th December to 30th December 2021. A three-member NAAC delegation led by its Chairman Prof. (Dr.) Jaspal Singh Sandhu, Vice-Chancellor, Gurunanak Dev University, Amritsar, Punjab; Member coordinator, Prof (Dr.) Vijay Nath Mishra, Professor Department of Neurology, Institute of Medical Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh; and Member, Prof. (Dr.) Sujata Bhan, Professor & Head, Department of Special Education, SNDT Womens' University, Mumbai, assessed the Institute.

ADMINISTRATIVE

Standing Finance Committee Meeting: The 52nd Standing Finance Committee meeting of the Institute was held under the Chairmanship of Shri Vikas Sheel, Additional Secretary & Mission Director (NHM), Ministry of Health and Family Welfare, Govt. of India, New Delhi, on 23rd March 2022. Dr. M. Pushpavathi, Director, AIISH, presided over the meeting. All the committee members attended the meeting, which was held in virtual mode.

COMMEMORATIVE

Cleft Lip and Palate Awareness month: The Institute observed July 2021 as Cleft Lip and Palate Awareness Month to raise awareness about and prevent a congenital condition known as cleft lip and palate. A live-phone-in-program was organized for the persons and caregivers of Cleft-Lip and Palate on 16th July 2021. Dr.M. Pushpavathi, Director, AIISH, and Dr. Sanjeev Kumar Gupta, Clinical Psychologist, AIISH, served as the resource persons. Dr. Gopi Sankar, Research Officer, moderated the program, which was broadcasted live on the official Facebook page and YouTube channel of the Institute.

International Sign Language Day 2021: The Institute observed the International Day of Sign Language on 23rd September 2021. Dr. M. Pushpavathi, Director, AIISH, inaugurated the event and delivered a message. Shri. Rajkumar R., Special Educator, AIISH, delivered an online orientation lecture as a part of the event. The topics covered in the lecture include, introduction to sign language, finger spellings & numbers, basic vocabulary, sentence framing and grammar in Indian sign language. Nearly 800 persons from across the country attended the orientation program. The commemoration activities were organized under the aegis of the Augmentative and Alternative Communication Unit, Department of Clinical Services, and Department of Special Education of the Institute.

International Day of Persons with Disabilities: The International Day of Persons with Disabilities was observed at the Institute on 3rd December 2021. The event was aimed to promote awareness of disability issues, the fundamental rights of persons with disabilities, and their political, social, economic, and cultural fields. Mrs. Roopa

M.J. I.P.S., Additional Commissioner, Mysuru City Corporation, virtually participated as the chief guest and M. Pushpavathi, Director, AIISH, Mysuru, presided. Ms. Ramadevi B., the mother of an autistic child treated at the Institute, was conferred the Best Mother of the Year 2021 award on the occasion. Also, Mr. Karthik B.K., a person with cleft lip and palate, who completed the diploma in electronics and communication, and currently working as Technical Lead in Happy Minds Company, Mysuru, Ms. Asna T.P, a person with hearing impairment, who completed her Bachelor's Degree in Architecture, currently working as an architect and designer, and Annushaka Bhattacharjee, a person with autism spectrum disorder, who completed her 10th standard through National Open Schooling, and working as an Assistant Teacher at a special school, were felicitated.

World Hearing Day

The Institute celebrated World Hearing Day on 3rd March 2022 with the theme "*To hear for life, listen with care,*" which focuses on the importance and means of hearing loss prevention through safe listening. Shri. Mansukh Mandavya, Hon'ble Union Health Minister of Health and Family Welfare, Govt. of India, inaugurated the event at the Dr. Ambedkar International Centre, New Delhi. Newborn screening, adult screening, and school student screening reports on communication disorders, and public education pamphlets on 13 types of communication disorders in English, Hindi & Kannada languages were released during the occasion. Poster competitions, games, and other activities were also carried out as a part of the World Hearing Day celebration.

CLINICAL CARE

Inclusive Therapy Park: The Institute opened an inclusive therapyone of its kind for children with communication disorders. Shri. Vikas Sheel, I.A.S, Additional Secretary, Ministry of Health and Family Welfare, Government of India and Shri. Prathap Simha, Hon'ble Member of Parliament, Mysuru-Kodagu Lok Sabha Constituency, inaugurated the facility on 9th October 2021. The park, a joint venture of the Ministry of Health and Family Welfare, Government of India, and Mysore City Corporation, provides an inclusive environment for children with special needs

and facilitates their independent play skills. The play equipment in the park includes wheel-chair-enabled swing and merry-go-round, mother-and child-friendly see-saw, tyre and rope climbers, tyre tunnels and crawlers, mini-and multi-play stations. The park also includes an exercise area for adults and elderly persons with communication disorders such as aphasia, dysarthria, and apraxia with co-morbid motor disabilities.

AAC Awareness Week: The Institute observed the International AAC Awareness Week with the theme, *Get Out, Speak Up, and Breakthrough the screen in a Recovering World* from 25th to 30th October 2021. Mr. David Goldberg, renowned AAC & Assistive Technology Specialist, Princeton, New Jersey, USA, delivered an invited talk on *Case studies on application of AAC devices for clients with communication disorders* on 25th October in virtual mode. An orientation program was held about AAC Unit and myths & facts about AAC in Kannada and Malayalam on 26th October. An exhibition of AAC devices was also arranged. Competitions on minimal pair signing games, memory-based signing games, and signing for statements/ slogans were conducted for staff and students of the Institute. The Augmentative and Alternative Communication (AAC) Unit of the Institute coordinated the event.

Newborn Care Week: On the occasion of the National Newborn Care Week being observed from 15th November to 21, the Institute took the initiative in raising awareness about newborn care, specifically focusing on the importance of early identification and intervention of babies at risk for communication disorders. A free newborn screening camp for communication disorders was organized from 16th to 18th November 2021 at the Institute.

Mobile App for Hearing Screening: The Department of Audiology developed an android-based mobile app, *AIISH Hearing Screening (AHS) App*, for hearing screening. Using this end-to-end app, people can screen themselves to test their hearing abilities and get it rectified by visiting their nearest speech and hearing centers. The AHS app is freely downloadable from the Google Playstore, and it takes less than five minutes to administer. It is useful for testing the hearing of adults and children aged eight years and above.

Designation of AIISH as Disability Certification Centre: The Directorate General of Health Services (DGHS), Govt. Of India designated the Institute as Disability Certification Centre for issuing Disability Certificates pertaining to the hearing impairment and speech-language disabilities as per the norms of the National Medical Commission (NMC). This will facilitate the persons with hearing impairment and speech-language disabilities to obtain certificates conveniently since centres for examining such disabilities are very few in the country.

EXTENTION OF SERVICES

MoUs for Opening New Outreach Service Centres: The Outreach Service Centres (OSCs) of the Institute cater to screening, diagnostic and rehabilitative services to people with speech, language, and hearing disorders. During the reporting year, the Institute signed Memoranda of Understanding (MoU) with eleven health science institutions across the country to open new OSCs. The institutions are: (1) All India Institutes of Medical Sciences (AIIMS), Bhopal, Madhya Pradesh, (2) All India Institutes of Medical Sciences (AIIMS), Jodhpur, Rajasthan, (3) All India Institutes of Medical Sciences (AIIMS), Rishikesh, Uttarakhand, (4) Community Health Center, Malappuram, Kerala, (5) Gandhi Medical College, Bhopal, Madhya Pradesh, (6) Government Institute of Medical Sciences (GIMS), Greater Noida, Uttar Pradesh, (7) Government Medical College Hospital, Surguja, Chattisgarh, (8) Koppala District Teaching Hospital, Koppal, Karnataka, (9) Lok Nayak Hospital, New Delhi, (10) Mahatama Gandhi Memorial Medical College, Indore, Madhya Pradesh, and (11) Subdivision Hospital, Kundapura, Karnataka

OTHERS

56th Annual Day: The Institute celebrated its 56th Annual Day on 9th August, 2021. Ms. Vandana Gurnani, Additional Secretary (Health), Govt. of India, served as chief guest of the inaugural function held in virtual mode. The AIISH Hearing Screening App was released on the event. Also, various test materials, public education pamphlets, posters, and newborn hearing screening reports were released. The Institute introduced a transportation service for the elderly and physically disabled

persons with communication disorders using a battery-operated vehicle sponsored by the Bank of Baroda, AIISH branch on the occasion. The day was also marked with tree plantation by the Director, faculty, and staff of the Institute.

Upgradation of Campus Network and Server System: The Institute upgraded its LAN ethernet cables from CAT 5 (Category 5) to CAT 6A (Category 6 Augmented) to deliver faster connection speed for internet browsing, streaming videos and conducting webinars and online meetings. The CAT 6A cables can transfer data up to 10 GB per second and up to 328 feet. The upgrade project was started in July 2020 and was completed in September 2020. Parallel to the LAN up-gradation, the webserver was also upgraded with facilities for central storage, better backup, easy logins, patch management, load balancer and proxy server. The upgraded infrastructure can accommodate additional complex and varying requirements, including handling greater bandwidth demands in the future.

Vigilance Awareness Week 2021: In line with the directions of the Central Vigilance Commission, the Institute observed Vigilance Awareness Week 2021 from 26th October to 1st November 2021. Several activities were organized to spread the year's theme, 'Independent India @ 75: Self Reliance with Integrity'. The program began with administering the Integrity Pledge to all the staff by Dr. M.Pushpavathi, Director, AIISH, in the presence of Dr. P. Manjula, Vigilance Officer. Posters with slogans on vigilance and integrity were displayed at various locations of the Institute. Sri. Mahabir Singh Kasana, Former Joint Director, Institute of Secretariat Training and Management, DoPT., Govt. of India & Master Trainer, gave a guest lecture on Transparency and accountability to promote self-reliance in governance on 27th October 2021, in virtual mode.

National Conference of the Indian Speech-Language and Hearing Association: The Institute hosted the 53rd National Conference of the Indian Speech-Language and Hearing Association (ISHACON) on 19-20th February 2022. Shri. Vikas Sheel, Additional Secretary & Mission Director, National Health Mission, Ministry of Health & Family Welfare, Govt. of India, inaugurated the program in virtual mode. There were 16 plenary talks, 36 oral research paper presentations, and 115 poster

presentations. During the occasion, Dr. M. Pushpavathi, Director, AIISH, Dr. Ajith Kumar, U., Professor of Audiology, AIISH and Dr. Rajapandian, Managing Director, HEARZAP, Hyderabad were felicitated with Dr. N. Rathna Oration Award, Prof. S. Kameswaran Endowment Oration Award and Prof. R.K. Oza Oration Award, respectively, for their contribution to the field of Speech and Hearing. The Mysore Chapter of the Indian Speech-Language and Hearing Association (*MyISHA*) organized the event, and more than 1,300 delegates from across the country and abroad participated.

ACADEMIC AFFAIRS

Academic Programmes offered

The institute offered 18 academic programmes ranging from certificate to post-doctorates during the reporting year. Of these, Diploma in Hearing, Language and Speech (DHLS) was offered at six centres across the country and classes were delivered from the institute through videoconferencing. The programmes offered had the recognition of the Rehabilitation Council of India/University of Mysore. The details are given in table 1.

Table 1: Academic Programmes Offered

Programme	Duration	No. of Seats	Affiliation/R ecognition
Diploma in Hearing, Language and speech (DHLS)*	1 yr	170**	RCI
Diploma in Hearing Aid & Ear mould Technology (DHA&ET)	1 yr	28	RCI
Diploma in Early Childhood Special Education-Hearing Impairment (DECSE [HI])	1 yr	28	RCI
Bachelors in Audiology and Speech-Language Pathology (B.ASLP)	4 yrs	80	UOM/RCI
Bachelor of Education-Special Education – Hearing Impairment, (B.Ed- Sp.Ed. [HI])	2 yrs	22	UOM/RCI
Postgraduate Diploma in Forensic Speech Sciences & Technology (PGDFSST)	1 yr	12	UOM
Postgraduate Diploma in Clinical Linguistics (Speech-Language Pathology) (PGDCL-SLP)	1 yr	12	UOM
Postgraduate Diploma in Augmentative and Alternative Communication (PGDAAC)	1 yr	22	UOM/RCI
Postgraduate Diploma in Neuro-Audiology (PGDNA)	1 yr	12	UOM
Postgraduate Diploma in Auditory Verbal Therapy (PGDAVT)	1 yr	12	UOM
Master of Science (Audiology) (M.Sc. Aud)	2 yrs	44	UOM/RCI
Master of Science (Speech-Language Pathology) (M.Sc. SLP)	2 yrs	44	UOM/RCI
Master of Education-Special Education Hearing Impairment (M.Ed- Sp.Ed. [HI])	2 yrs	22	UOM/RCI
Doctor of Philosophy (Ph.D.) (Audiology)	3 yrs	09	UOM
Doctor of Philosophy (Ph.D.) (Speech-Language Pathology)	3 yrs	09	UOM
Doctor of Philosophy (Ph.D.) (Speech & Hearing)	3 yrs	***	UOM
Doctor of Philosophy (Ph.D.) (Linguistics)	3 yrs	***	UOM
Doctor of Philosophy (Ph.D.) (Spl.Edu)	3 yrs	***	UOM

*No. of centres vary from year to year; **28 seats in each centre (currently 6 centres); *** Depending on the availability of seats with respective guides; UOM-University of Mysore; RCI – Rehabilitation Council of India.

Admission and Enrolment

National level online entrance examinations were conducted to admit students to Bachelor in Audiology and Speech-Language Pathology (B.ASLP), M.Sc. (Audiology) and M.Sc. (Speech-Language Pathology) programmes on 13th September 2021 in different parts of the country. Totally, 2221 candidates appeared for the B.ASLP and 408 for M.Sc (Audiology) and 299 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 263. The details are given in table 2.

Table 2: Student Admission

Sl. No.	Name of the Programme		No. of Students admitted
1.	DHLS a. AIISH, Mysuru b. RIMS, Ranchi c. RMLH, New Delhi d. JLNMC, Bhagalpur e. AIIPMR, Mumbai f. JNMC, Ajmer	08 07 08 07 04 14	48
2	Bachelors in Audiology and Speech-Language Pathology		80*
3	Bachelor of Education-Special Education – Hearing Impairment		12
4	Master of Science (Audiology)		44*
5	Master of Science (Speech-Language Pathology)		44
6	Doctor of Philosophy (Audiology)		17
7	Doctor of Philosophy (Speech-Language Pathology)		17
8	Doctor of Philosophy (Speech & Hearing)		01
Total			263*

**Three students left the course*

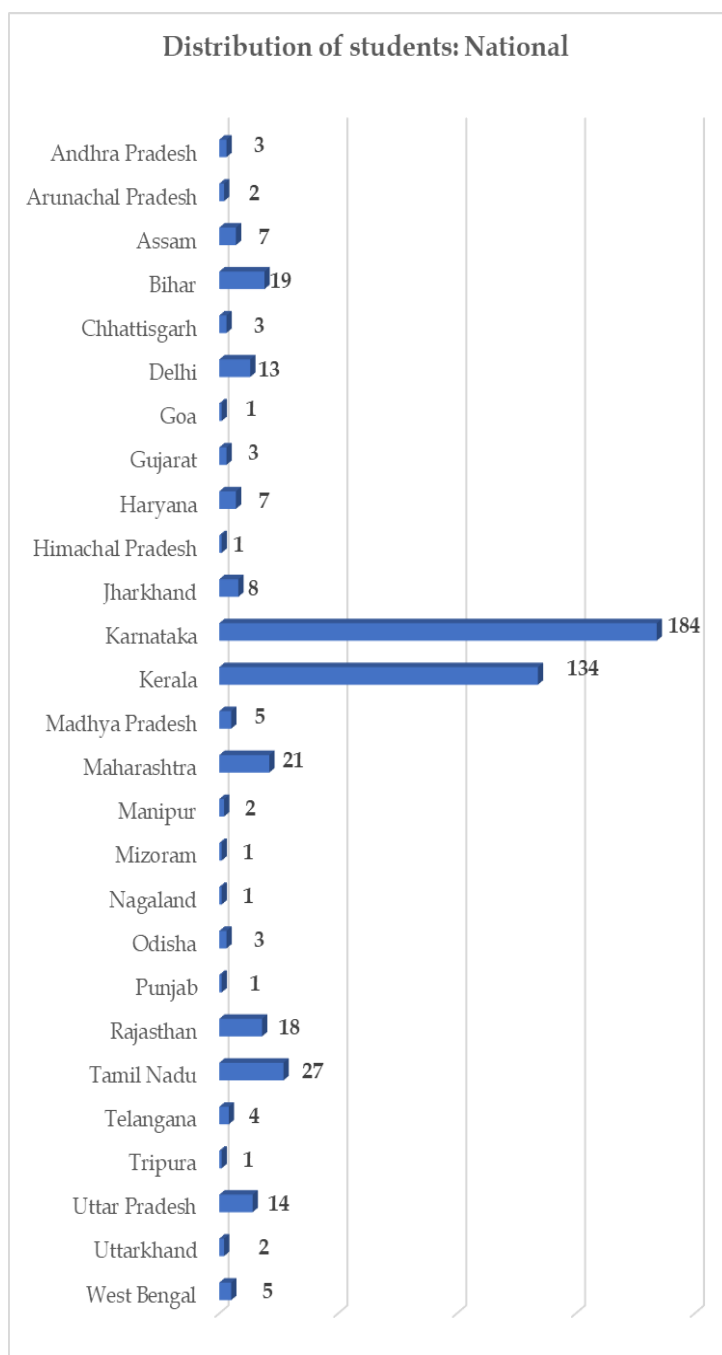
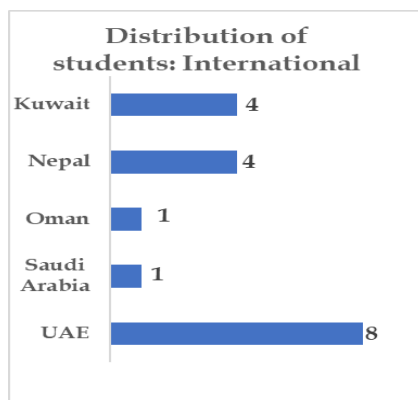
Student Strength

Totally, 584 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 overall student strength is detailed in table 3 and international students in figure 1.

Table 3: Student Strength

Sl. No.	Name of the Programme/Class	Number of students	Total
1.	B.ASLP/B.Sc. (Sp & Hg)	I year - 80 II year - 67 III year - 60 Internship - 58	265
2.	B.Ed.Spl.Ed.(HI)	I year - 12 II year - 14	26
3.	M. Sc. (Aud)	I year - 44 II year - 41	85
4.	M. Sc. (SLP)	I year - 44 II year - 40	84
5.	DHLS	48	48
6.	Ph.D. (Aud) - JRF - In Service - External	21 1 10	32
7.	Ph.D. (SLP) - JRF - In Service - External	11 - 20	31
8.	Ph.D. (Sp. & Hg.) - External	3	3
9.	Ph.D. (Linguistics) - External	3	3
10.	Ph.D. (Special Education) - External	6	6
11.	Postdoctoral Degree	1	1
Total			584

Figure 1: Geographical distribution of students*



**Excluding the doctoral & post-doctoral students*

University Examinations

Totally, 58 students attended the B.ASLP final year examinations and the total pass percentage was 98.2%. In addition, 13 B.Ed. Sp.Ed (HI), 39 M.Sc (Audiology) and 41 M.Sc.(Speech-Language Pathology) students appeared for this final year examinations and the total pass percentage was 92.3%, 95% and 100% respectively.

Internship

Sixty-nine students underwent internship training programme in clinical settings in hospitals and medical organizations across the country. These include organisations under the National Programme for the Prevention and Control of Communication Disorders (NPPCD), AIISH DHLS Centres and five Centres of Excellence in medical science. They were also posted in the clinical units of the Institute. The details of the hospitals and medical organizations where the students underwent training are given below.

1. Central University of Karnataka, Kalburgi, Karnataka
2. District Hospital, Belagavi, Karnataka
3. District Hospital, Bidar, Karnataka
4. District Hospital, Bhagalpur, Bihar
5. District Hospital, Bhubaneshwar, Orissa
6. District Hospital, Chamarajanagar, Karnataka
7. District Hospital, Chikamagalur, Karnataka
8. District Hospital, Chitradurga, Karnataka
9. District Hospital, Davangere, Karnataka
10. District Hospital, Dharwad, Karnataka
11. District Hospital, Guwahati, Assam
12. District Hospital, Hassan, Karnataka
13. District Hospital, Hubli, Karnataka
14. District Hospital, Karwar, Karnataka
15. District Hospital, K.R. Pete, Karnataka
16. District Hospital, Mumbai, Maharashtra
17. District Hospital, Nanjangud, Karnataka
18. District Hospital, Raipur, Chattisgarh
19. District Hospital, Rishikesh, Uttarakhand
20. District Hospital, Sagara, Shimoga, Karnataka
21. District Hospital, Tumkur, Karnataka
22. District Hospital, Udupi, Karnataka
23. Government Medical College Hospital, Calicut, Kerala

24. Health Care Global (HCG) Hospital, Bengaluru, Karnataka
25. KEM Hospital, Pune, Maharashtra
26. Narayana Hrudayalaya, Bengaluru, Karnataka
27. National Institute of Mental Health and Neurosciences, Bengaluru, Karnataka
28. Sakra World Hospital, Bengaluru, Karnataka
29. St. Agnes Centre for Post-Graduate Studies and Research, Mangaluru, Karnataka
30. St. John's Medical College, Bengaluru, Karnataka
31. TATA Memorial Hospital, Mumbai, Maharashtra
32. Visveswaraya Technological University PG centre, Mysuru, Karnataka

In addition, the Institute offered internship opportunities for students of engineering, medicine, psychology and social work disciplines, studying in other institutions. The undergraduate and postgraduate students of the following colleges underwent internship training at the Institute during the reporting year.

1. Ayurved Mahavidyalaya, KAHER, Belagavi, Karnataka
2. Department of Social work, University of Mysore, Mysuru, Karnataka
3. Department of Psychology, University of Mysore, Mysuru, Karnataka
4. GSSS Institute of Engineering and Technology for Women, Mysuru, Karnataka
5. Maharaja Institute of Technology, Mysuru, Karnataka
6. National Institute of Engineering, Mysuru, Karnataka
7. Srinivasa Institute of medical sciences and Research Centre, Surathkal, Karnataka
8. St. Philomena's College, Mysuru, Karnataka
9. Teresian College, Mysuru, Karnataka

Educational Stipend

The institute provided educational stipend and fellowship to the eligible students pursuing various academic programmes, and distributed a total amount of Rs. (yet to get from Account section) lakhs during the reporting year. The details are given in table 4.

Table 4: Educational Stipend

Sl. No.	Programme	Monthly Student (Rs.)
1	B.ASLP	800
2	B.Sc. (Sp. & Hg.) Internship	North-Eastern states: 6,000 Other states: 5,000
3	M. Sc. (Aud.)	1,300
4	M. Sc. (SLP)	1,300
5	B. Ed. Spl. Ed. (HI)	400
6	DHLS	250
7	DECSE(HI)	250
8	DHAET	250
9	Ph.D. (Aud.) / Ph.D. (SLP)/Ph.D. (Sp. & Hg.)	I year - 20,000+16% HRA II year - 22000 +16% HRA III year - 25000 +16% HRA
10	Post-Doctoral Fellowship (PDF)	I year - 35000+16% HRA

Student Placement

The placement cell of the Institute acts as a liaison between the final year students and the prospective employers. The Cell publicized the job opportunities for the diploma, graduate, postgraduate and doctoral degree holders in the area of speech-language pathology, audiology and special education in India and abroad. The Cell also sought information on vacancies from the prospective employers and requested them to utilize the services of the Placement Cell of the Institute for the recruitment. During the reporting year, 132 candidates registered with the Placement Cell for job, and the Cell posted 32 advertisements through email.

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, 19 scientific papers published in the international peer-reviewed journals on communication and its disorders, and 14 clinical cases attended at the Institute were discussed in the journal club and clinical conferences held during the reporting year. The details are given in the table 5 and clinical conference presentations in table 6.

Table 5: Journal Club Presentations

Sl. No	Scientific paper	Presenters	Guide	Date
1.	Stiepan, S., Siegel, J., Lee, J., Souza, P., & Dhar, S. (2019). The Association Between Physiological Noise Levels and Speech Understanding in Noise. <i>Ear & Hearing</i> , 41(2), 461–464. https://doi.org/10.1097/aud.0000000000000753	Monisha C, N.Aishwarya, Nayana T Y, and Nethra R	Mr. Anoop B J	27.05.2021
2.	Hogrefe, K., Goldenberg, G., Glindemann, R., Klonowski, M., & Ziegler, W. (2021). Nonverbal Semantics Test (NVST) – A Novel Diagnostic Tool to Assess Semantic Processing Deficits: Application to Persons with Aphasia after Cerebrovascular Accident. <i>Brain Sciences</i> , 11(3), 359.	Hiba Sherin, Ilakkiya T, Kale Ankita Deepak kumar, and Jhanvi A	Dr. Hema N	03.06.2021
3.	Huan, S., Zhou, H., Zhou, E., Zhang, J., Feng, Y., Yu, D., Shi, H., Wang, J., Wang, H., & Yin, S. (2020). A New Proposal for Severity Evaluation of Menière's Disease by Using the Evidence from a Comprehensive Battery of Auditory and Vestibular Tests https://www.frontiersin.org/articles/10.3389/fneur.2020.00785/full	Nikhilesh H.C, Parmar Akshay, Pooja S.V, and Rhydhm Gupta	Dr. Niraj Kumar Singh	22.07.2021
4.	Singh, N. K., Firdose., H., & Barman, A. (2021). Effect of advancing age on inter-frequency amplitude ratio of ocular vestibular evoked myogenic potentials. <i>International Journal of Audiology</i> . Doi: https://doi.org/10.1080/14992027.2021.1893840	Ritwik Jargar, Rohit Bhattacharyya, Sahana, and Sahil Sharma	Dr. Animesh Barman	18.07.2021
5.	Maryn, Y., Wuyts, F. L., & Zarowski, A. (2021). Are acoustic markers of voice and speech signals affected by nose-and-mouth-covering respiratory protective masks?	Khateeja Naadia, Kiruthika S, Lunavath Swarna, and	Dr. T Jayakumar	17.06.2021

		Madhurya B S		
6.	Rychel, A. K., & van Mersbergen, M. (2021). The Voice Range Profile-A Shortened Protocol Pilot Study. <i>Journal of voice : official journal of the Voice Foundation</i> , S0892-1997(21) 00146-6. Advance online publication. Doi: https://doi.org/10.1016/j.jvoice.2021.04.010	Mudra Prakash Dudwadkar, Navya Belpu, Prakruthi V Jagatap, and Prerna Jain	Dr. T Jayakumar	24.06.2021
7.	Campbell, J., Nielsen, M., Bean, C. and LaBrec, A. (2020). Auditory gating in hearing loss. <i>Journal of the American Academy of Audiology</i> , 31(8), 559-565.	Sandeep Kumar, Sajana Aryal, Sanjay S, and Shashish Ghimire	Dr. Anoop B J	25.06.2021
8.	Hao, Y., Franco, J. H., Sundarrajan, M., & Chen, Y. (2021). A pilot study comparing tele-therapy and in-person therapy: Perspectives from parent-mediated intervention for children with autism spectrum disorders. <i>Journal of Autism and Developmental Disorders</i> , 51(1), 129-143. https://doi.org/10.1007/s10803-020-04439-x .	Ranjeet Gupta, Shinde Vrushali, Sruthi Ramesh, Sujisha M S	Ms. Nagashreeya and Ms. Srushti Shabnam	01.07.2021
9.	Lane, C., Zimmerman, K., Agrawal, S., and Parnes, L. (2019). Cochlear Implant Failures and Reimplantation: A 30-Year Analysis and Literature Review. <i>Laryngoscope</i> , 00,1-8. DOI: 10.1002/lary.28071	Sushmitha Upadhya, Supriya Mathew, Sonam Sharma, and Shubham Rai	Dr. Prawin Kumar	02.07.2021
10.	Bährend, I., Muench, M. R., Schneider, H., Moshourab, R., Dreyer, F. R., Vajkoczy, P., & Faust, K. (2020). Incidence and linguistic quality of speech errors: a comparison of preoperative transcranial magnetic stimulation and intraoperative direct cortex stimulation. <i>Journal of Neurosurgery</i> , 134(5), 1409-1418. https://doi.org/10.3171/2020.3.JNS193085	Swathi C., Swathi S. Sanjeevan, Trupti Lata Baral, and V. Athira	Dr. Hema N	08.07.2021
11.	Chang, J., Oh, S. H., & Park, S. K. (2020). Comparison of newborn hearing screening results between well babies and neonates admitted to the neonatal intensive care unit for more than 5 days: Analysis based on the national database in Korea for 9 years, June 19, 2020.	Teja G, Varsha Sam, Yoshita Sharma, and Vibha Vinod	Dr. Chandni Jain	09.07.2021
12.	Guan, R., Wang, Y., Wu, S., Zhang, B.,	Adline Princita	Dr. Niraj	09.12.2021

	Sun, J., Guo, X., & Sun, J. (2021). Vestibular function in children and adults before and after unilateral or sequential bilateral cochlear implantation. <i>Frontiers in Neurology</i> , 21, 675502, DOI: 10.3389/fneur.2021.675502.	Dsouza, Anand Ankit Sunil Prasad, Anirban Sarkar, and Ankit Kumar Pathak	Kumar Singh	
13.	Aniruddha K. Deshpande, Ishan Bhatt and Chanapong Rojanaworarit (2021). Virtual reality for tinnitus management: a randomized controlled trial. <i>International Journal of Audiology</i> , 21, 1978568, DOI: 10.1080/14992027.2021.1978568	Aparna Rajan, Ardra K, Ashok Ganesh S.T, and B. R. Suraj Urs	Dr. Prashanth Prabhu P	23.12.2021
14.	Redmond, S. M. (2020). Clinical Intersections Among Idiopathic Language Disorder, Social (Pragmatic) Communication Disorder, and Attention-Deficit/Hyperactivity Disorder. <i>Journal of Speech, Language, and Hearing Research</i> , 63(10), 3263-3276.	Archana Ramchandra, Bhoomika, Mansi Bundeale, & Dipika Gnyawali	Dr. Priya M.B.	07.01.2022
15.	Aazh, H., Bryant, C., & Moore, B. C. J. (2019). Patients' Perspectives About the Acceptability and Effectiveness of Audiologist-Delivered Cognitive Behavioral Therapy for Tinnitus and/or Hyperacusis Rehabilitation. <i>American Journal of Audiology</i> , 28(4), 973-985.	Deepshikha Kujur, Disha Kamat, Dwijendra Mishra, & Gagan Gowda	Dr. Sreerak K.	13.01.2022
16.	Miller, H. E., Cordella, C., Collins, J. A., Ezzo, R., Quimby, M., Hochberg, D., Tourville, J. A., Dickerson, B. C., & Guenther, F. H. (2021). Neural substrates of verbal repetition deficits in primary progressive aphasia. <i>Brain Communications</i> , 3(1), fcab015. DOI: 10.1093/braincomms/fcab015	Divya S. Vellanikkaren, Fathima Mariyam, Getcy Bebayal F., & Rinku Kathariya	Dr. Hema N.	20.01.2022
17.	Oh, J. C. (2022). Effects of Effortful Swallowing Exercise with Progressive Anterior Tongue Press using Iowa Oral Performance Instrument (IOPI) on the Strength of Swallowing-Related Muscles in the Elderly: A Preliminary Study. <i>Dysphagia</i> , 37(1), 158-167.	Hima Jacob, Irfana Thahani, Joyline Dsliva, & Juniya Joby	Dr. Swapna N.	27.01.2022
18.	Ehrmann-Müller, D., Cebulla, M., Rak, K., Scheich, M., Back, D., Hagen, R., & Shehata-Dieler, W. (2019). Evaluation and therapy outcome in children with auditory neuropathy spectrum disorder (ANSD). <i>International journal of pediatric</i>	Kasturi Raj, Manikandan, Mohanlal G., & Mohit Setia	Dr. Ajith Kumar U.	03.02.2022

	<i>otorhinolaryngology</i> , 127, 109681. https://doi.org/10.1016/j.ijporl.2019.109681			
19.	Giachero, A., Calati, M., Pia, L., La Vista, L., Molo, M., Rugiero, C., Fornaro, C., & Marangolo, P. (2020). Conversational Therapy through Semi-Immersive Virtual Reality Environments for Language Recovery and Psychological Well-Being in Post Stroke Aphasia. <i>Behavioural neurology</i> , 2020, 2846046. https://doi.org/10.1155/2020/2846046	Mahajani Urvi, Manasa N., Katkuri Sathya Santhoshini Reddy, Kripa Maria Tomson	Dr. Reuben Thomas Varghese	10.02.2022

Table 6: Clinical Conference Presentations

Sl. No	Clinical condition	Presenters	Guide	Date
1.	Cochlear implantation candidacy	Alka George, Ameena Sherin, Ananya Gera, and Ananya Kanigalpula	Dr. Prawin Kumar	18.11.2021
2.	Sudden sensorineural hearing loss after COVID 19	Aasha Murugan, Abranil Pramanik, Adithya M.P, and Aishwarya B	Dr. Animesh Barman & Dr. Jithinraj B	25.11.2021
3.	Test battery approach during Corona Pandemic	Ansila Raslan, Apoorva Gogiyani, Aswathy, and Ayishath Ruwaidha	Dr. Chandni Jain & Mr. Vikas M D	26.11.2021
4.	Conduction Aphasia and Central Auditory Processing Disorder	Chandana S, Devraj Kalita, Dhruvan S Mahesh, and Divya Sethi	Dr. Sandeep M. & Dr. S. P. Goswami	02.12.2021
5.	Speech Sound Disorder secondary to Hearing Impairment	Varsha K.V, Varshini V, Vismaya K.P, Yashaswini K, and Zainab Faisal	Dr. N. Sreedevi	03.12.2021
6.	Vestibular migraine/ Meniere's disease	Hema Nair, Hidayat Jabir, Jeeva Jose, and Jerusha Mary	Dr. Niraj Kumar Singh	10.12.2021
7.	Mental retardation, Autism, and learning disability	Kajaliya Yesha, Kavya S, Kiran K, and Krishanveni Rajeev	Dr. Priya M B	17.12.2021
8.	Developmental Speech Fluency Disorder-Stuttering	Lakshmi A, Aparna Krishnan M, Manthan Shah, and Amana P K	Dr. Santosh M	24.12.2021
9.	Severe cognitive impairment	Nahan Hameed, Najla Kunnool, Mehsana Majrin, and Manjunath K.S	Dr. Rajasudhakar R	31.12.2021
10.	Kawasaki disease	Namitha K., Nidha K., R. Mayuri Rao, & Rajils	Dr. Prashanth Prabhu P.	06.01.2022

		Raveendran E. R.		
11.	Importance of electro-physiological measures in candidacy assessment and outcome measurement in cochlear implantees with abnormal inner ear and nerve anatomy	Ruchitha P., Sahla T.K., Riya Sanjeev, & Reheema Thasli P.P.	Dr. Geetha C. & Mr. Jawahar Antony	21.01.2022
12.	Simple tinnitus retraining therapy (TRT) as a management option for individuals with tinnitus	Shabeeba C.T., Shilpa V., Shyam Kishore V.K., & Simran Banga	Dr. Prashanth Prabhu P.	28.01.2022
13.	Importance of identifying high risk factors in newborns and the histopathology of various high risk factors causing hearing loss	Siyana Shirin, Spoorthi S., Sreelakshmi Suresh, & Srinivas V.	Dr. Chandni Jain	04.02.2022
14.	Post COVID-19 hoarseness	Sween Sara Mathew, Surabhi A Sunil, Thejaswini B.K., & Thejaswini S.	Dr. M. Santosh	11.02.2022

Faculty

Experienced and well-qualified faculty of the institute were engaged in teaching and mentoring the students at the Institute. The faculty also supported the learners in every possible manner. The institute had a faculty strength of 41 during the reporting year which includes 35 regular and six contract staff. Among the regular staff, category-wise, there were 12 Professors, 16 Associate Professors, one Reader and six Assistant Professors.

Guest Lectures

The institute hosted lectures by eminent academicians and professionals from across the world. Some of the important lectures organised during the reporting year include the following:

➤ Speech & Hearing

- How cochlear implants work: Implications for speech prosody, delivered by Dr. Monita Chatterjee, Senior Scientist, Boys Town National Research Hospital, USA on 22nd June 2021.
- Occupational hearing loss by industrial audiologist, delivered by Mr. Sudhir Bhanu Suri, Industrial Audiologist, Bokaro Steel Plant, Bokaro, Jharkhand on 19th July 2021.
- Neurocognitive plasticity in hearing loss, delivered by Prof. Anu Sharma, Professor Speech-Language and Hearing Science, University of Colorado, Boulder, USA on 22nd July 2021.
- Can mice help us to understand complex brain disorders?, delivered by Dr. Emma Burrows, Neuroscientist, Florey Institute of Neuroscience and Mental Health, Parkville, Victoria, Australia on 28th July 2021.
- Tonal language experience induced functional asymmetries in pitch processing at the cortical and brainstem level, delivered by Prof. Anantha Narayanan (Ravi) Krishnan, Professor in Audiology, Purdue University, USA on 10th August 2021.
- Uses of PRAAT to aid research in Speech Sciences, delivered by Dr. Mauricio Figueroa, Assistant Professor & Director of the Doctoral Program in Linguistics, Department of Spanish, University of Concepcion, Chile on 12th October 2021.
- Case studies on application of AAC devices for clients with communication disorders, delivered by Mr. Dan Phillips, renowned Speech-Language Pathologist and President, Nika project and Mr. David Goldberg, renowned AAC/ Assistive Technology Specialist, Princeton, New Jersey, USA on 25th October 2021.
- Implantable hearing devices: Orientation, demonstration and utility of bone conduction device and cochlear implants, delivered by Mr. Karthik, Audiologist, MED-EL Cochlear Implant Company, Australia on 7th February 2022.
- Case studies highlighting the management of Dysphagia, delivered by Mr. Dhanush, S., on 13th February 2022.

➤ **Women Empowerment**

- Satvik diet and its usefulness, delivered by Dr. Vinutha, Ayurvedic Doctor, Mysuru on 18th August 2021.
- Laws to protect women from sexual harassment, delivered by Dr. S. Nataraju, Vice Principal, JSS Law College, Mysuru on 2nd September 2021.
- Nutritional importance of milk and milk products, delivered by Dr. Harini Venugopal, Assistant Professor, Department of Dairy Technology, Dairy Science College, Karnataka Veterinary, Animal and Fisheries Sciences University, Hebbal, Bengaluru on 27th September 2021.

➤ **Special Education**

- Art therapies for children and their caregivers, delivered by Dr. Supritha Aithal, Lecturer in Child and Adolescent Mental Health, Edge Hill University, U.K on 24th September 2021.

➤ **Information Technology**

- Cyber safety: Understanding cyber harassment and responding to it, delivered by Mrs. Shruthi, Founder of the Step out Journal Organisation on 24th November 2021.

➤ **Others**

- Transparency and accountability to promote self-reliance in governance, delivered by Sri. Mahabir Singh Kasana, Joint Director of Institute of Secretariat Training and Management, DoPT. Gol. & Master Trainer on 27th October 2021

Orientation Programme

The institute conducted 639 orientation and short-term training programmes on various aspects of communication disorders and allied areas. More than ten 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/Webinars

Totally, 36 conferences/seminars/training/workshops were organized by different Departments and Sections of the institute during the reporting year as detailed below. A few of them were conducted in virtual mode due to the pandemic restrictions.

Sl. No.	Department/Section/Unit	Name of the event	Date	Co-ordinator(s)
1.	POCD	Vocal hygiene and voice care tips for teachers	16 th April 2021	Dr. Sreedevi N
2.	Clinical Services	Clinical assessment of aphasia & related neuro-communication disorders: Indian scenario	13 th May 2021	Dr. Hema N
3.	Clinical Services	Clinical neuro-rehabilitation of aphasia & related neuro-communication disorders: Indian scenario	20 th May 2021	
4.	Academics	Teaching, learning and assessment in the field of speech and hearing	28 th to 30 th June 2021	Dr. Jayasankar Rao J S
5.	Clinical Services	Neurogenic stuttering - Part 1: Assessment	5 th July 2021	Dr. Gopi Sankar R & Ms. Prathima S
6.	Clinical Services	Neurogenic stuttering - Part 2: Management	6 th July 2021	
7.	POCD	Role of audiologist in health care	6 th July 2021	Dr. Sreedevi N
8.	Audiology	Hands on workshop on audio logical evaluation in simulated mode	9 th July 2021	Prof. Manjula P & Mr. Nagaraju B
9.	Clinical Services	ASD: Looking beyond communication difficulties	29 th July 2021	Dr. Gopi Sankar R
10.	TCPD	Workshop on oral sensory motor issues and its management	31 st July 2021 & 16 th August 2021	Dr. Jayashree C Shanbal & Ms. Deepa Anand
11.	SLP	Webinar on introduction to data management and analysis	6 th August 2021 & 13 th August 2021	Dr. Vasanthalakshmi M S
12.	Internship Cell	Webinar on preparation for higher education	27 th August 2021	Dr. Geetha C
13.	Electronics	Efficacy of upgraded servers	3 rd September 2021	Mr. Manohar N
14.	Audiology	VesCon 2021: Global webinar on vestibular assessment and management	13 th to 15 th September 2021	Dr. Sujeet Kumar Sinha, Dr. Prawin Kumar & Dr. Niraj Kumar Singh
15.	Clinical Psychology	International webinar on demystifying mindful parenting: Enhancing resilience in caregivers	23 rd & 24 th September 2021	Dr. Sanjeev Kumar Gupta, Mr. Freddy Antony,

		for holistic development of children with communication disorders		Ms. Lissie Maria & Ms. Simran Soni
16.	AAC Unit	Indian sign language	24 th September 2021	Dr. Ajish K Abraham & Dr. Reuben Varghese
17.	SLS	Workshop on improving speech intelligibility in children with hearing impairment	27 th September 2021	Dr. N. Sreedevi
18.	SLP	Training and certification in basic care and life support	29 th September, 30 th November & 1 st December 2021	Dr. Gayathri Krishnan
19.	Audiology	International webinar on vestibular implants: The evolution of technology, the present status, and the future	30 th September 2021	Dr. Prawin Kumar
20.	Clinical Services	Workshop on disability certification for persons with speech-language and hearing disability, Phase I	5 th October 2021	Dr. Gopi Sankar R & Mr. Prashanth R
21.	Clinical Services	Recent trends in tele-practice in speech-Language Pathology, Part I	7 th October 2021	Dr. Hema N
22.	Clinical Services	Recent trends in tele-practice in Speech-Language Pathology, Part II	8 th October 2021	
23.	Clinical Services	Workshop on disability certification for persons with speech-language disabilities, Phase II	28 th October 2021	Dr. Gopi Sankar R & Mr. Prashanth R
24.	Clinical Services	Addressing the issues faced by caregivers of persons with stroke	29 th October 2021	Dr. Hema N
25.	Library	Academic Integrity & Plagiarism	30 th October 2021	Dr. Shijith Kumar C & Mr. Nanjunda Swamy M
26.	Audiology	1 st AIISH Audiology convention	11 th & 12 th November 2021	Dr. Prashanth Prabhu
27.	Material Development	Content development and designing for public education materials	16 th & 17 th November 2021	Dr. K. Yeshoda & Dr. Devi N
28.	POCD	Audiological evaluation and management	3 rd December 2021	Dr. Ravindra & Hemashree B M
29.	Audiology	Hands on workshop on CI programming	9 th February 2022	Dr. Manjula P & Dr. Geetha C
30.	Audiology	Special considerations in programming difficult-to-map CI cases	25 th February 2022	Dr. Manjula P Dr. Megha
31.	ENT	Webinar on World Hearing Day 2022	25 th February 2022	Dr. Rajeshwari G

32.	Audiology	Rehabilitation of cochlear implant children: Training program for NPPCD audiologists (Virtual)	25 th February to 11 th March 2022	Dr. Prawin Kumar & Dr. Geetha C
33.	Audiology	Rehabilitation of cochlear implant children: Training program for NPPCD audiologists (Offline)	3 rd to 11 th March 2022	Dr. Prawin Kumar & Dr. Geetha C
34.	ENT	Hearing care & safe listening	15 th March 2022	Dr. Swathi Chandresh
35.	ENT	Webinar on World Hearing Day	29 th March 2022	Dr. Chaya C.S
36.	Audiology	Fine tuning of digital hearings aids – for individuals with hearing impairment	30 th March 2022	Mr. Darga Baba Fakruddin, Dr. Ramadevi & Mr. Sreenivas K J

DIRECTOR'S ENGAGEMENTS

Events / Activities Organized and New Initiatives Undertaken

- Co-ordinated the *National Level Entrance Exams* for admission to the UG/PG programs on 13th September 2021, the *Inspection of the Rehabilitation Council of India (RCI) Expert Team for the Renewal of Affiliation* on 17th September 2021 and the *NAAC Peer Team visit for Institutional Assessment and Accreditation* for Cycle – II from 29th to 30th December 2021.
- Co-ordinated the celebration of *Talents Day* program on 11th June 2021, *International Yoga Day* celebration on 21st June 2021, *56th Annual Day of AIISH* on 9th August 2021, *Graduation Day 2020* on 9th August 2021, and *75th Independent Day* on 15th August 2021 at the Institute.
- Co-ordinated the observation of *World Autism Awareness Day* on 2nd April 2021, *World Voice Day* on 16th April 2021, *International Day of Sign Languages* on 23rd September 2021, *World Cerebral Palsy Day* on 6th October 2021, *World Mental Health Day* on 10th October 2021, *International Stuttering Awareness Day* on 22nd October 2021, *International AAC Awareness Week* from 25th to 30th October 2021, *Vigilance Awareness Week* from 26th October 2021 to 1st November 2021, *International Day for Persons with Disabilities* on 3rd December 2021, and *World Hearing Day* on 3rd March 2022.
- Implemented a *battery-operated vehicle service* inside the campus for the general public from 9th August 2021.
- Introduced an *android-based mobile app for hearing screening* by the general public from 9th August 2021.
- Released the *newborn hearing screening report* on 9th August 2021.
- Opened an *Inclusive Therapy Park* at the Institute for the special children on 9th October 2021.

- Laid the foundation stone for construction of new toilet block with cloak facility opposite to AIISH canteen for patients on 17th February 2022
- Coordinated the release of newborn screening, elderly screening and school screening reports and 39 public education pamphlets by Shri. Mansukh Malavya, Hon'ble Union Minister of Health and Family Welfare, Govt. of India as a part of the World Hearing Day on 3rd March 2022.
- Conducted the 52nd Standing Finance Committee meeting of the Institute, under the Chairmanship of Shri Vikas Sheel, Additional Secretary & Mission Director (NHM), Ministry of Health and Family Welfare, Government of India. New Delhi in virtual mode on 23rd March 2022.

Meetings with the Parent Ministry

- Organized and attended the Departmental Promotion Committee meeting for appointment of Stores and Purchase Officer, and financial up-gradation of a Group 'A' Officer under MACP Scheme as Member Secretary, chaired by Ms. Preeti Pant, Joint Secretary (H), Ministry of Health & Family Welfare, New Delhi, on 7th June 2021, in virtual mode.
- Interacted with Ms. Preeti Pant, Joint Secretary (H), Ministry of Health & Family Welfare, New Delhi, on Institute matters, on 14th June 2021, in virtual mode.
- Organized and attended a meeting of the Review Committee on setting up of the off-campus center of AIISH, Mysuru at Kanpur, Uttar Pradesh, as Member Secretary, chaired by Ms. Preeti Pant, Joint Secretary, Ministry of Health and Family Welfare, Govt. of India New Delhi, on 16th June 2021.
- Interacted with Ms. Preeti Pant, Joint Secretary (H), Ministry of Health & Family Welfare, Govt. of India, New Delhi, on pending agenda items of 50th and 51st Standing Finance Committee meetings of the Institute, on 6th July 2021.
- Organized and attended a meeting of the Review Committee on the Up-gradation of DHLS Centre to BASLP Centre as Member Secretary, chaired by Ms. Preeti Pant,

Joint Secretary, Ministry of Health and Family Welfare, Govt. of India, New Delhi, on 19th July 2021 in virtual mode.

- Organized and attended a meeting of the Review Committee on setting up of the off-campus center of AIISH, Mysuru at Kanpur, Uttar Pradesh, as Member Secretary, chaired by Ms. Preeti Pant, Joint Secretary, Ministry of Health and Family Welfare, Govt. of India New Delhi, on 23rd July 2021
- Organized and attended a meeting on Institute matters with Shri. Harmeet Singh, Joint Secretary (H), and Ms. Saritha Nair, Deputy Secretary (NCD-I), Ministry of Health & Family Welfare, Govt. of India, New Delhi, on 3rd September 2021, in virtual mode.
- Organized and attended a meeting of the Review Committee on setting up of AIISH Kanpur, as Member Secretary, chaired by Shri Harmeet Singh, Joint Secretary, Ministry of Health & Family Welfare, Govt. of India, on 7th September 2021, in virtual mode.
- Organized and attended a meeting of the Review Committee on setting up of AIISH Kanpur, as Member Secretary, chaired by Shri. Mansukh Mandaviya, Hon'ble Minister of Health & Family Welfare and Chemicals & Fertilizers, Govt. of India, in the office of Hon'ble Minister, Nirman Bhavan, New Delhi on 5th October 2021.
- Organized and attended a meeting on initiating 100 outreach service centers of AIISH across the country with Hon'ble Joint Secretary and Deputy Secretary at Nirman Bhawan, New Delhi, on 5th October 2021.
- Conducted and attended the Selection Committee meeting for the posts of Professor and Assistant Professors in Speech-Language Pathology, Head, Patent Cell and Professor in ENT, chaired by Mr. Vikas Sheel, IAS, Additional Secretary, Ministry of Health & Family Welfare, Govt. of India, on 9th October 2021.
- Conducted and attended the Selection Committee meeting for the posts Professors & Associate Professors in Audiology, chaired by Mr. Vikas Sheel, IAS, Additional

Secretary, Ministry of Health & Family Welfare, Govt. of India, on 13th November 2021, in virtual mode.

- Organized and attended a meeting of the Review Committee on setting up of AIISH Kanpur, chaired by Shri Harmeet Singh, Joint Secretary, Ministry of Health & Family Welfare, Govt. of India, on 15th & 29th November 2021, in virtual mode.
- Attended a meeting of the Expert Committee on Deafness in connection with the establishment of 100 outreach centers of AIISH across the country at the Ministry of Health and Family Welfare, Govt. of India, Nirman Bhawan, New Delhi, on 10th December 2021.
- Organized and attended the 6th meeting of the Review Committee to comprehensively review the progress of work regarding setting up of AIISH Kanpur under the Chairmanship of Shri Harmeet Singh, Joint Secretary, Ministry of Health & Family Welfare, Govt. of India on 6th January 2022 in virtual mode.
- Organized and attended a meeting on the pending issues of the Institute with Shri Vikas Sheel, IAS, Additional Secretary, Ministry of Health & Family Welfare, Govt. of India, on 31st January 2022 in virtual mode.
- Interacted with the Deputy Secretary and Joint Secretary, Ministry of Health & Family Welfare, Govt. of India at the Nirman Bhavan, New Delhi, and discussed the policy matters/decisions and other pending issues related to administration of AIISH on 11th March 2022.
- Organized and attended the 7th meeting of the Review Committee for setting up of AIISH Kanpur under the Chairmanship of Shri Harmeet Singh, Joint Secretary, Ministry of Health & Family Welfare, Govt. of India, Shri. Rajpal Bhatia, Under Secretary, IFD, Ministry of Health & Family Welfare, Govt. of India, and Shri. Rishin Manas Das, NPCC, Nodal Officer, AIISH Kanpur Project on 24th March 2022 in virtual mode.

Other External Meetings

- Attended the 16th meeting of the Executive Council of ISLRTC, chaired by Dr. Prabodh Seth, Joint Secretary, Department of Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment, Govt. of India, on 21st May 2021, in virtual mode.
- Attended a meeting with Prof. Mahadeva Prasanna, Dean, IIT, Dharwad and Dr. Ajish K. Abraham, Professor of Electronics, AIISH regarding a collaborative research project on the development of AAC devices, on 19th and 21st June 2021.
- Attended the 3rd Meeting of the Task Force on 'Cognitive Science Research Initiative' (CSRI) of the Department of Science and Technology, Govt. of India on 19th July 2021, in virtual mode.
- Attended a meeting with Dr. Sapna, M.S., Professor & Coordinator, Radio Manasa-Community Radio Station, University of Mysore, Mysuru regarding collaboration programs on Radio Manasa, on 29th July 2021
- Chaired a meeting in connection with the signing of MOA for the work of setting up of AIISH-Kanpur, UP and CMD of NPCC has authorized Shri. Shashank Swarnkar, Zonal Manager, SZO, Bangalore to sign the MOA with AIISH, on 3rd September 2021.
- Attended the 18th meeting of the Executive Council of Indian Sign Language Research and Training Centre (ISLRTC), New Delhi, chaired by Dr. Prabodh Seth, Joint Secretary, Department of Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment, Govt. of India and Chairperson, Executive Council of ISLRTC on 1st February 2022 in virtual mode.
- Attended the Executive Council meeting of the Indian Speech and Hearing Association at AIISH, Mysuru on 17th February 2022.
- Attended the 9th General Council Meeting of the Indian Sign Language Research and Training Centre (ISLRTC), New Delhi under the chairpersonship of Ms. Anjali Bhawra, Secretary, Department of Empowerment of Persons with

Disabilities, Ministry of Social Justice & Empowerment, Govt. of India on 19th February 2022 in virtual mode.

- Attended the virtual inauguration of Professional Development Programme on Inclusive Education, organized by RIE, Mysuru on 21st February 2022.
- Attended the Advisory Committee meeting of the State Commissioner for Rights of Persons with Disabilities, along with Dr. Sangeetha Mahesh, Head, Department of Clinical Services at the office of the State Commissioner for Rights of Persons with Disabilities, Bangalore on 10th March 2022.
- Attended the 96th Annual Meet of the Association of Indian Universities and National Conference of Vice-chancellors, hosted by the University of Mysore, Mysuru on 23rd March 2022.

Academic Engagements

- Served as Chairperson, NAAC Peer Team for the accreditation of the Institute of Health Sciences, Bhubaneswar (c-39729), from 6th to 7th April 2021.
- Served as Chairperson, NAAC Peer Team for the accreditation of Vithal Rao Vikhe Patil Foundations College of Physiotherapy, Ahmed Nagar, Maharastra, from 11th to 12th August 2021.
- Conducted a meeting with College Development Council, University of Mysore, Mysuru on 24th August 2021
- Coordinated the AIISH Entrance Examination, 2021 on 13th September 2021
- Coordinated the RCI inspection for the affiliation for DHA & ET and B.ASLP programs, on 17th September 2021
- Attended the meeting of the Board of Appointment of Examiners (BOAE) in the Faculty of Education to constitute the BOE and to prepare the list of examiners for UG/PG exams to be held during the year 2021-22 at the University of Mysore, Mysuru on 9th November 2021
- Attended the meeting of the Board of Appointment of Examiners (BOAE) in the Faculty of Science & Technology to constitute the BOE and to prepare the list of

examiners for UG/PG exams to be held during the year 2021-22 at the University of Mysore, Mysuru, on 10th November 2021

- Served as Chairperson, NAAC Peer Team for the accreditation of the College of Nursing, Christian Institute of Health Sciences and Research, Diphupar, Nagaland, from 24th to 25 February 2022.
- Met with the Vice Chancellor, University of Mysore, Mysuru along with Dr. Ajith Kumar, U., Academic Coordinator in connection with academic issues on 21st February 2022.

Media Engagements

- Co-ordinated the production of a video titled *Aatada Jothegondu Paata* (Learn Lesson through a Game) for special children and disseminated via social media. The *Mysuru Mithra*, *Star of Mysore*, and *Vijaya Karnataka* newspapers published a news report about the video on 9th, 15th, and 16th June 2021, respectively.
- Wrote an article titled *Awareness of hearing problems in individuals affected with Covid-19* in the *The Vijaya Karnataka Newspaper*, on 29th June 2021
- Served as a resource for the Live Phone-in-Program from AIISH on cleft lip and palate as a part of observing Cleft Lip and Palate Awareness Month, on 16th July 2021.
- Wrote an article titled *Employment opportunities for diploma holders, B.Ed., M.Ed., and UG/PG graduates in the area of speech and hearing* in *The Vijaya Karnataka newspaper*, on 24th July 2021.
- Delivered a Public Orientation Lecture on Prevention and Treatment of Speech and Hearing Disorders on Clubhouse Social Media platform, organized by *Shivamogga Today* on 8th, 18th, 19th, 26th & 30th September, and 3rd October 2021.
- Delivered a talk on AIISH Activities on Clubhouse Talk, Mysuru on 1st October 2021

- Delivered a Public Orientation Lecture on Stroke and Stroke Management on Clubhouse Social Media platform, on 14th October 2021.
- Delivered a talk on Hearing Screening for Newborns on 17th October 2021.
- Conducted a Public Orientation Program on Speech and Hearing Disabilities on the Clubhouse Social Media platform along with Ms. Ramana Kumari, Special Educator, and Ms. Ramadevi, Audiologist Grade-I, on 22nd October 2021
- A live phone-in-programme was held for the general public about AIISH activities through Janadhwani Radio Station, Mysuru on 30th October 2021
- Wrote an article titled ತೊದಲಿನ ಬಗ್ಗೆ ನಿರ್ಲಕ್ಷ್ಯಬೇಡ (*Stuttering*) in *The Andolana* newspaper on 11th November 2021.
- Delivered a talk in the talk show programme organized by mPower Talk, Mysuru's first online talk show platform, on 12th December 2021 and 1st January 2022.

Meetings and Visits in Connection with the Expansion of Outreach Services

- Held a meeting with Dr. Sanjeev Kumar, Director, AIIMS, Jodhpur, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre at the AIIMS, Jodhpur, on 1st April 2021, in virtual mode.
- Held a meeting with Dr. Jasbinder Kaur, Govt. Medical College & Hospital, Chandigarh, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre at the Govt. Medical College & Hospital, Chandigarh on 1st April 2021, in virtual mode.
- Held a meeting with Dr. Rakesh, Govt. Institute of Medical Sciences, Greater Noida, U.P. along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre of the Institute at the Govt. Institute of Medical Sciences, Greater Noida, U.P. on 9th April 2021, in virtual mode.
- Held a meeting with Dr. Ravikanth, AIIMS, Rishikesh, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre of the Institute at the AIIMS, Rishikesh on 9th April 2021, in virtual mode.

- Held a meeting with Dr. Gurumani, Head, Dept. of ENT, Andaman and Nicobar Islands Institute of Medical Sciences, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre of the Institute at the Andaman and Nicobar Islands Institute of Medical Sciences, on 16th April 2021, in virtual mode.
- Held a meeting with the officials of the Chandigarh Medical College, Chandigarh, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre of the Institute at the Chandigarh Medical College, Chandigarh, on 12th May 2021, in virtual mode.
- Held a meeting with the officials of the AIIMS, Raebareli, along with Dr. K. Arunraj, Audiologist, in connection with the establishment of an outreach service centre of the Institute at the AIIMS, Raebareli, on 29th June 2021, in virtual mode.
- Held a meeting with Dr. Robert Rebello, Administrative Medical Officer-cum-ENT Surgeon, Sub-divisional Hospital, Kundapura, along with staff of the POCD, in connection with the establishment of an outreach service centre of the Institute at the Sub-divisional Hospital, Kundapura, on 20th July 2021, in virtual mode.
- Held a meeting with Dr. P.K. Rathore, Professor of ENT, Loknaya Jayaprakash Narayan Hospital, New Delhi in connection with the establishment of an outreach service centre of the Institute at the Loknaya Jayaprakash Narayan Hospital, New Delhi, on 18th August 2021, in virtual mode.
- Held a meeting with Dr. Ramanesh Murti, Dean & Professor, Govt. Medical College & Hospital, Chattisgarh, Surguja in connection with the establishment of an outreach service centre of the Institute at the Govt. Medical College & Hospital, Chattisgarh, Surguja on 23rd August 2021, in virtual mode.
- Held a meeting with Dr. Subodh Kumar, Plastic Surgeon, G.S. Memorial Hospital, Varanasi, Uttar Pradesh, in connection with manpower training to provide technical support to G.S. Memorial Hospital (*Memorandum of Understanding*), on 25th August 2021, in virtual mode.

- Held the 2nd phase meeting with the officials of the sub-divisional taluk hospital Kundapura, Udupi, in connection with the proposed outreach reach service centre of the Institute, on 3rd September 2021, in virtual mode.
- Inspected the proposed outreach service centre locality of the Institute at Sub-divisional Taluk Hospital, Kundapura, Udupi, along with Dr. N. Sreedevi, Head, POCD, on 20th September 2021.
- Held a meeting with the District Health Officer, Kundapura and Lions Club and Rotary Club officials in connection with the proposed outreach service centre locality of the Institute, on 21st September 2021.
- Visited the Loknayak Hospital, New Delhi, in connection with the proposed outreach service centre of the Institute, on 24th September 2021.
- Visited the Government Institute of Medical Sciences (GIMS), Noida in connection with the proposed outreach service centre of the Institute, on 25th September 2021
- Organized and attended a meeting on initiating 100 outreach service centers of AIISH across the country with Hon'ble Joint Secretary and Deputy Secretary at Nirman Bhawan, New Delhi, on 5th October 2021.
- Held a meeting on the establishment of an outreach service center of the Institute at Koppal, Karnataka, on 8th October 2021, in virtual mode.
- Held a meeting on the establishment of an outreach service center of the Institute at Bhopal, Madhya Pradesh, on 21st October 2021, in virtual mode.
- Signed a Memorandum of Understanding (MoU) with AIIMS, Jodhpur, on behalf of the Institute for the establishment of an outreach service center of the Institute, on 28th October 2021.
- Chaired a meeting for the initiation of an outreach service center of the Institute at Balodh, Chattisgarh, on 15th November 2021, in virtual mode.
- Held a meeting with the officials of the AIIMS, Bhopal, in connection with the establishment of an outreach service centre of the Institute at AIIMS, Bhopal, on 1st December 2021 in virtual mode

- Held a meeting with the officials of the AIIMS, Bibinagar, Telangana in connection with the establishment of an outreach centre of the Institute, on 14th December 2021, in virtual mode.
- Held a meeting with Dr. Reshma Chawan, Head, Department of ENT and Mr. Ajay D, Audiologist,/SLP, Government Medical College, Miraj, Maharashtra along with Dr. Sreedevi, Head, Department of Prevention of Communication Disorders, Mr. Arunraj, Audiologist and Ms. Reshma, SLP, AIISH, in connection with initiation of the proposed outreach service centre of the Institute at the Government Medical College, Miraj, on 10th January 2022 in virtual mode.
- Held a meeting with Dr. Yamini Gupta, Head, Department of ENT, Mahatma Gandhi Memorial Medical College, Indore, along with Dr. Sreedevi, Head, Department of Prevention of Communication Disorders, Mr. Arunraj, Audiologist and Ms. Reshma, SLP, AIISH, in connection with initiation of the proposed outreach service centre of the Institute at the Mahatma Gandhi Memorial Medical College, Indore, on 12th January 2022 in virtual mode.
- Held a meeting with Smt. Sumalatha, Member of Parliament, Mandya, Ms. Ashwathi, Deputy Commissioner, Mandya and District Health Officer, Mandya, along with Dr. Sreedevi, Head, Department of Prevention of Communication Disorders, Mr. Arunraj, Audiologist and Ms. Reshma, SLP, AIISH, in connection with initiation of the proposed Outreach Service Centre of the Institute in Mandya Institute of Medical Sciences, Mandya on 28th January 2022.
- Signed a Memorandum of Understanding between AIISH and Community Health Centre, Chungathara, Nilambu, Kerala to establish an outreach service centre of the Institute on 17th February 2022.

Expert Talk / Guest Lectures delivered

- Delivered a speech at the Symposium on *National Program for Prevention and Control of Deafness* at the Central Health Education Bureau, New Delhi, on the International Day of Sign Languages 2021, on 24th September 2021.

- Served as a resource person for the Live Phone-in-Program of AIISH, Mysuru, on 16th July 2021 on account of the Cleft Lip and Palate Awareness Month.
- Served as a resource person for the *International Webinar on the Impact of COVID-19 on Speech & Hearing: Profession, Professionals & Patients*, organized by the JSS Institute of Speech and Hearing, Mysuru, from 14th to 15th June 2021
- Delivered the Role Model Talk (Women Scientists in India) at the Vigyan Jyothi Programme, organized by the Jawahar Navodaya Vidyalaya, Mysuru, on 30th July 2021, in virtual mode
- Delivered an orientation lecture for 27 KAS Officers on 'RPWD Act' and 'About AIISH', on 17th September 2021
- Delivered an Orientation Lecture about the AIISH Academic Programs, organized by *Shivamogga Today*, on 23rd September 2021

Other Meetings and Engagements

- Served as the Chief Guest of the Program on Distribution of Customized Wheel Chairs to Disabled Women at Chamaraja Nagar, Karnataka, organized by Margadarshi, the Association for Physically Challenged, Chamaraja Nagar, in association with Motivation India Organization, on 27th August 2021.

Research Publications

- K.S. Girish & M. Pushpavathi, H.V. Satich (2021). Influence of native language on nasalance values in Kannada and Malayalam speakers. *Journal of Cleft Lip Palate and craniofacial Anomalies*, 8,111-118.
- K.S. Girish, & M. Pushpavathi (2021). Correlation of subjective and objective assessment of children with repaired cleft lip and palate. *Journal of the International Clinical Dental Research Organization*, 13,1.
- Srushti Sabnam & M. Pushpavathi (2021). Effect of gender on acoustic voice quality index 02.03 and Dysphonia Severity Index in Indian normophonic adults. *Indian Journal of Otolaryngology, Head & Neck Surgery*. Published online on 2nd July 2021

- Sushma M., M. Pushpavathi, & R. Gopi Sankar (2022). Impact of articulation therapy on perceptual characteristics of bilabials in children with repaired cleft lip and palate. *Journal of Cleft Lip Palate and Craniofacial Anomalies*, 1, 9, 7-13.
- K.S. Girish, M. Pushpavathi, Ajish K. Abraham, C.M. Vikram (2022). *Automatic speech processing software: New sensitive tool for the assessment of nasality, a preliminary study*. *Journal of Cleft lip Palate and Craniofacial Anomalies*, 1, 9, 14-18.

Awards and Laurels

- Received Dr. N. Rathna Oration Award hosted by the Indian Speech and Hearing Association at the 53rd Annual Conference of the Indian Speech and Hearing Association held on 19th and 20th February 2022, Mysuru.
- Received the Mysuru Ratna award during the Women's Day Celebrations organized by Rotary, Mysuru in association with GSS Events and Inner Wheel Club of Mysore Gold on 12th March 2022.

FACULTY & STAFF ENGAGEMENTS

Invited Talks delivered by the Faculty and Staff

Dr. S. Venkatesan, Professor of Clinical Psychology

- Autism. Lecture delivered at the webinar-cum-interactive individualized question-answer session, organized by Kateel Ashok Pai Memorial Institute, Shimoga on 3rd April 2021.

Dr. H. Sundara Raju, Professor of ENT

- Hearing disability certification for individuals with hearing impairment. Lecture delivered at the Webinar, organized by the Association of Otolaryngologists of India, Kodagu branch on 30th May 2021.
- Identification and management for adults with hearing loss. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 28th August 2021.
- Voice problems in children and adult. Expert talk/interaction held as a part of TV program at Doordarshan (Kannada), telecasted on 30th September 2021.

Dr. P. Manjula, Professor of Audiology

- Vigilance integrity and its importance. Lecture delivered through virtual mode at the Induction program for newly joined staff, AIISH, Mysuru on 10th May 2021.
- Best practices in audiological assessment & rehabilitation cochlear implants mapping. Lecture delivered through virtual mode at the National webinar series on best practices in Audiological Assessment & Rehabilitation on 8th June 2021.
- Tinnitus assessment and management. Lecture delivered through virtual mode at the Program on Hearing assessment and management looking beyond the Audiogram, ISHA, Maharashtra on 26th June 2021.
- Pure-tone and speech audiometry: Recapitulation. Lecture delivered through virtual mode at the program on Hearing Assessment and Management looking beyond the Audiogram, ISHA, Maharashtra on 9th July 2021.

- Re-orientation on Cochlear implant scheme radiological investigations & Audiology reports under NPPCD programme. Lecture delivered through virtual mode at the NPPCD, Bengaluru on 23rd February 2022.
- World Hearing day, 2022. Lecture delivered through virtual mode at the Basaveshwara Medical, college & Hospital, Department of ENT, Chitradurga on 5th March 2022.
- Emergency trends in Cochlear implants : CI candidacy and assessment. Lecture delivered through virtual mode at the Ali yavar jung national institute of speech and hearing disabilities, Mumbai on 27th March 2022.

Dr. G. Rajeshwari, Professor of ENT

- Covid 19 safety measures for staff and Students. Lecture delivered at AIISH, Mysuru on 7th May 2021.
- Hearing disability certification for individuals with hearing impairment. Lecture delivered at the Webinar, organized by the Association of Otolaryngologists of India, Kodagu branch on 30th May 2021.
- Balance disorders in hearing impaired individuals: Care and management. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 30th July 2021.
- Do's & Don'ts in common cold. Expert talk/interaction held as a part of the Radio program at 93.5 FM Radio, Mysuru on 15th September 2021.
- To hear for life, listen with care. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 3rd March 2022.

Dr. Rajalakshmi, Professor of Audiology

- Hearing related problems. Expert talk/interaction held as a part of TV program at Doordarshan (Kannada), telecasted on 28th September 2021.

Dr. Ajish K. Abraham, Professor of Electronics

- Assistive technology for hearing impairment. Lecture delivered at the Six-month International Program in Assistive Technology, organized by the National Institute of Speech and Hearing, Thiruvananthapuram in

collaboration with National Institute of Physical Medicine and Rehabilitation, Thrissur on 9th, 14th and 15th May 2021.

- Precision healthcare technology for assessment of speech and hearing disorders. Lecture delivered at the Faculty Development Programme on Precision Healthcare Technology, organized by the Department of Biomedical Engineering, SSN College of Engineering, Chennai on 29th June 2021.
- Calibration of diagnostic instruments. Lecture delivered at the Seminar organized by the Department of Speech Pathology and Audiology, Sri Devaraj Urs Academy of Higher Education & Research, Kolar on 22nd August 2021.
- Importance of communication software for AAC professionals. Lecture delivered at the Graduation Ceremony of Certificate Course on AVAZ Certified AAC Professional, organized by Invention Labs Engg. Products Pvt. Ltd., IIT Madras, Chennai on 27th August 2021.
- Care and maintenance of hearing aids. Expert talk/interaction held as a part of TV program at Doordarshan (Malayalam), telecasted on 22nd September 2021.
- Assistive Devices for Persons with Communication Disorders. Lecture delivered at the Faculty Development Program organized by Bapuji Institute of Engineering and Technology, Davanagere on 8th January 2022.
- Profiling articulators for robotic simulation of speech sounds. Lecture delivered at the National Symposium on Acoustics 2021 organized by Acoustical Society of India at National Physical Laboratory, New Delhi on 3rd & 4th March, 2022.
- Pathological Speech Signal Processing and Research Avenues. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 4th March 2022.

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

- SWOT analysis of Covid-19 for profession & professionals. Lecture delivered at the Webinar on Effect of Covid-19 on Speech and Hearing Clinical Services on 14th June 2021.
- The aging: New opportunity for speech language pathologist to practice. Lecture delivered through virtual mode, AIISH, Mysuru on 16th July 2021.

- Disability certification for persons with speech-language disorders. Lecture delivered at AIISH, Mysuru on 28th October 2021.
- Epidemiology of dysphagia in stroke. Lecture delivered through virtual mode, AIISH, Mysuru on 29th October 2021.
- Hearing related problems. Expert talk/interaction held as a part of TV program at Doordarshan (Hindi), telecasted on 21st & 22nd December 2021.
- Policies and privileges for persons with Neuro-communication Disorders. Lecture delivered through virtual mode, AIISH, Mysuru on 10th March 2022.

Dr. Ajith Kumar U., Professor of Audiology

- Adult-onset auditory neuropathy spectrum disorder. Lecture delivered through virtual mode at the Program on Hearing Assessment And Management Looking Beyond the Audiogram, Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyanjan), Regional Centre, Noida on 26th June 2021.

Dr. Sreedevi, N., Professor of Speech Sciences

- Activities of POCD and extension programmes for BASLP students. Lecture delivered at AIISH, Mysuru on 7th June 2021.
- Recent advances and evidence based practices in the clinical management of speech sound disorders. Lecture delivered at the International Webinar on Recent Advances in the Clinical Management of Speech and Language Disorders, JSSISH, Mysuru on 16th July 2021.
- Prevention of communication disorder. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 13th August 2021.
- Overview of AIISH. Expert talk/interaction held as a part of TV program at Doordarshan (Malayalam), telecasted on 20th September 2021.
- Importance of newborn screening. Activities of POCD and extension programmes for BASLP students. Lecture delivered at Bapuji Child Health Institute and Research Centre, JJM Medical College, Davanagere on 9th November 2021.

- Few contemporary studies in Acoustic Phonetics. Lecture delivered at the Symposium on Frontiers of Research in Speech and Music at the Indian Institute of Information Technology, Pune on 11th February 2022.

Dr. Yeshoda, K., Associate Professor in Speech Sciences

- Voice problems in children and adults. Expert talk/interaction held as a part of TV program at Doordarshan (Kannada), telecasted on 30th September 2021.
- From Being Voiceless to Having a Voice. Lecture delivered at the Orientation on Management of Voice Disorders at the Clubhouse program, AIISH, Mysuru on 27th January 2022.

Dr. Jayashree C. Shanbal., Associate Professor in Language Pathology

- Importance of autism awareness day. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 1st April 2021.
- Home training for children with ASD. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 7th April 2021.
- Dietary issues in children with ASD. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 21st April 2021.
- Educational options for children with ASD. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 28th April 2021.
- Educational rehabilitation of children with HI. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 12th May 2021.
- Role of team of professionals in the management of children with learning disability. Lecture delivered at AIISH, Mysuru on 22nd June 2021.
- Learning disability: Help me learn. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 1st October 2021.
- Practices undertaken during COVID-19 for CWSNs. Lecture delivered at RIE, Mysuru on 7th October 2021.

- Assessment and management of learning disability. Lecture delivered at the Composite Regional Centre for Skill Development, Rehabilitation & Empowerment of Persons with Disabilities, Guwahati on 11th October 2021.
- Tele-practice in speech & hearing: Its effectiveness & feasibility. Lecture delivered at the MAPS College, Mangalore on 21st October 2021.
- Educational rehabilitation of children with multiple disability. Expert talk/interaction held as a part of the Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 8th December 2021.

Dr. Swapna N, Professor of Speech Pathology

- Normal feeding patterns in infants and young children. Lecture delivered at the National Webinar on Paediatric Feeding & Swallowing Problems: A Call to Action, Dr. S.R Chandrashekar Institute of Speech and Hearing, Bengaluru on 5th April 2021.
- Speech problems in children. Expert talk/interaction held as a part of TV program at Doordarshan (Malayalam), telecasted on 23rd September 2021.
- Speech and swallowing difficulties in children with cerebral palsy. Lecture delivered at the JSS Hospital, Mysuru on 29th October 2021.

Dr. Sandeep M., Professor in Audiology

- Prevention of communication disorder. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 13th August 2021.
- Importance of newborn screening, activities of POCD and extension programmes for BASLP students. Lecture delivered at Bapuji Child Health Institute and Research Centre, JJM Medical College, Davanagere on 9th November 2021.
- Newborn Hearing Screening – facts, goal and network. Lecture delivered at Indian Academy of Pediatrics, Mysore chapter, Mysuru on 30th March 2022.
- To hear for life, listen with care. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 3rd March 2022.

- World Hearing day 2022. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Sarguru, Mysuru on 3rd March 2022

Dr. Santosh, M., Professor of Speech Sciences

- Introduction to Stuttering & Assessment of stuttering in children and adults. Lecture delivered at the Nitte Webinar on Fluency Assessment and Management, Mangalore on 25th February 2022.

Dr. Alok Kumar Upadhyay, Associate Professor in Special Education

- Services & facilities at Department of Special Education. Lecture delivered at the Orientation Program at AIISH, Mysuru on 10th May 2021.
- Practices for quality education for CWSN. Lecture delivered at the National Webinar at Composite Regional Centre, Ranchi on 21st May 2021.
- National Education Policy 2020 with reference to school education and teacher education. Lecture delivered at the Orientation Program at AIISH, Mysuru on 15th June 2021.
- दिव्यांग अधिकार कानून 2016. Lecture delivered at the Internal Hindi Workshop, AIISH, Mysuru on 24th June 2021.
- Universal design for learning and inclusive methodologies. Lecture delivered at the CRE status National Webinar, Sh. Shah K.L. Institute for the Deaf-Trust, Bhavnagar, Gujrat on 29th June 2021.
- Implementation of CBR Programmes in early intervention stage. Lecture delivered at the National Webinar, Tapovan College of Special Education & Research, Rajasthan on 29th July 2021.
- New act and policies of vocational rehabilitation of PWD. Lecture delivered at the National Webinar, SuruGuja Gyanodaya Association, Bishrampur, Surajpur on 24th August 2021.
- Creating barrier-free environment. Lecture delivered at the National Online RCI-CRE Program, Akansha Institute of Rehabilitation, U.P on 21st October 2021.

- NEP 2020: Future roadmap for special education in inclusion. Lecture delivered through virtual mode at the National Program, Uttar Pradesh Rajrishi Tondon Open University, Prayagraj, Allahabad on 21st October 2021.
- Contemporary challenges in the education of children with disabilities: A pandemic analysis. Lecture delivered through virtual mode at the International Conference, Shri Shah K.L Institute for the Deaf Trust, Gujarat on 29th November 2021.
- Teaching strategies for inclusive classrooms with the vision of NEP 2020. Lecture delivered at the Refresher Course for Teacher Educators, Allahabad University, Prayagraj on 19th December 2021.

Dr. T.K. Prakash, Associate Professor in ENT

- Need for preventive care and queries related voice. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 16th April 2021.
- Identification and management for adults with hearing impairment. Live Phone in Program, AIISH, Mysuru on 27th August 2021.

Dr. Sujeeth Kumar Sinha, Associate Professor in Audiology

- Balance disorders in hearing impaired individuals: Care and management. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 30th July 2021.
- Recording protocols for c VEMP. Lecture delivered at VesCon 2021: Global Webinar on Vestibular Assessment and Management, AIISH, Mysuru on 15th September 2021.
- Anatomy and Physiology of inner ear. Lecture delivered through virtual mode at the Compendium of the Cochlear Implant Program, SGT University, Gurugram on 18th October 2021.
- Assessment and management of vestibular system: Role of case history in vestibular assessment. Lecture delivered through virtual mode at the Program on Assessment and Management of Vestibular Disorders, Marthoma College of Special Education, Institute of Speech and Hearing, Kasaragod, Kerala on 15th December 2021.

- Assessment and management of vestibular system: Video head impulse test. Lecture delivered through virtual mode at the Program on Assessment and Management of Vestibular Disorders, Marthoma College of Special Education, Institute of Speech and Hearing, Kasaragod, Kerala on 16th December 2021.
- Assessment and management of vestibular system: Non-Medical management of vertigo. Lecture delivered through virtual mode at the Program on Assessment and Management of Vestibular Disorders, Marthoma College of Special Education, Institute of Speech and Hearing, Kasaragod on 16th December 2021.
- Vertigo and its management. Expert talk/interaction held as a part of TV Program at Doordarshan (Hindi), telecasted on 23rd, 26th & 27th December 2021.
- Vestibular Assessment and Management: Vestibular Rehabilitation. Lecture delivered through virtual mode at the Manipal College of Health Professionals, Manipal on 28th January 2022.

Dr. Prawin Kumar, Associate Professor in Audiology

- Audiological tests for balance assessment: PTA, Glycerol Test, Immittance. Lecture delivered at the VesCon 2021: Global Webinar Vestibular Assessment and Management, AIISH, Mysuru on 13th September 2021.
- Advanced audiological perspective in diagnosis. Lecture delivered at the Centre of Biomedical Research, SGPIMS, Lucknow on 25th September 2021.
- Comprehensive audiological evaluation for common otological surgeries. Lecture delivered through virtual mode at the Association of Otolaryngologists of India, Karnataka State Conference on 17th to 19th December 2021.
- Hearing related problems. Expert talk/interaction held as a part of TV program at Doordarshan (Hindi), telecasted on 22nd & 24th December 2021.
- Advances in Management of children with Hearing impairment. Lecture delivered through virtual mode at the Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of persons with Disabilities, Gorakhpur on 19th January 2022.
- To hear for life, listen with care. Lecture delivered through virtual mode at the National Level E-CME by Department of ENT, All India Institute of Medical Sciences, Nagpur on 24th February 2022.

- To hear for life, listen with care. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 3rd March 2021.

Dr. Niraj Kumar Singh, Associate Professor in Audiology

- Importance of autism awareness day. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 1st April 2021.
- Age-related changes in VOR, VSR and VCR. Lecture delivered at the Virtual Global Summit 2- update on Vestibular Science on 17th April 2021.
- Assessment and management of BPPV. Lecture delivered at the Practical Approach to Assessment and Management of Vestibular Disorders, organized by Bharati University's School of Audiology and Speech-Language Pathology, Pune on 17th August 2021.
- Comprehensive diagnosis and rehabilitation of vestibular disorders. Lecture delivered at the Practical Approach to Assessment and Management of Vestibular Disorders, organized by Bharati University's School of Audiology and Speech-Language Pathology, Pune on 18th August 2021.
- Protocols for recording o VEMP. Lecture delivered at the VesCon 2021: Global Webinar on Vestibular Assessment and Management, AIISH, Mysuru on 14th September 2021.
- Vertigo and its management. Expert talk/interaction held as a part of TV Program at Doordarshan (Hindi), telecasted on 23rd, 26th & 27th December 2021.
- Vestibular Assessment and Management: Videonystagmography. Lecture delivered through virtual mode at the Manipal College of Health Professionals, Manipal on 21st January 2022.
- Accelerate your skills for a better tomorrow. Lecture delivered through virtual mode at the Vestibular Disorders part-1 & 2 Bharathiya Academy of Audiology, Bengaluru on 15th & 16th March & 2022.
- Cochlear implantation: How it impacts the vestibular system. Lecture delivered through virtual mode at the Department of Communication Sciences and Disorders, OHIO University, United States of America on 18th March 2022.

Dr. Palnaty Vijetha, Associate Professor in Special Education

- Importance of adaptation technique in teaching lessons to children with hearing impairment. Lecture delivered at AIISH, Mysuru on 17th May 2021.
- Overview of AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Telugu), telecasted on 4th October 2021.

Dr. Prithi Venkatesh, Associate Professor in Special Education

- Error analysis and mastery level learning. Lecture delivered at the Orientation Programme, AIISH, Mysuru on 24th June 2021.
- Difficulties faced by school going special children. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 2nd July 2021.
- Family support intervention for children with special needs. Lecture delivered at the National Webinar, Tapovan College of Special Education & Research Sri Ganga Nagar, Rajasthan on 29th July 2021.
- Opportunity of vocational rehabilitation of person's with disabilities in Covid-19 period. Lecture delivered at the National Webinar, Surguja Gyanodaya Association, Bishrampur, Chattisgarh on 24th August 2021.
- Challenges and opportunities in teaching during COVID-19 Pandemic. Lecture delivered at the Mental Health Webinar, NCERT, Manodarpan on 8th October 2021.
- Importance of special educators in dealing with mental health of students. Lecture delivered at the Manodarpan Paricharcha, NCERT and RIE - Manodarpan on 5th November 2021.

Dr. Rajasudhakar, Associate Professor in Speech Sciences

- Voice care for teachers. Lecture delivered at Vivekananda Memorial Hospital, Sarguru as a part of World Voice Day 2021 on 8th & 15th April 2021.
- Voice care for teachers. Lecture delivered at the Webinar, AIISH, Mysuru on 12th May 2021.
- Brain damage and communication disorders: Identification and management. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 29th October 2021.

- Language problems. Expert talk/interaction held as a part of TV Program at Doordarshan (Tamil), telecasted on 30th November 2021.

Dr. T. Jayakumar, Associate Professor in Speech Sciences

- Voice care for teachers. Lecture delivered at Vivekananda Memorial Hospital, Sarguru as a part of World Voice Day 2021 on 1st & 6th April 2021.
- Forensic Speaker Voice Identification. Lecture delivered at the Webinar on Technology Enhancement series by All Yavar Jung National Institute of speech and Hearing Disabilities, Secunderabad on 21st January 2022.
- State of Art techniques in voice assessment and voice therapy. Lecture delivered at the Webinar by All Yavar Jung National Institute of speech and Hearing Disabilities, Secunderabad on 10th March 2022.

Dr. Devi N., Associate Professor in Audiology

- Occupational noise, hearing conservation, and PPEs used for noise exposures. Lecture delivered at the Associate Fellow of Industrial Health for Medical Officers; ICMR-Regional Occupational Health Centre, Bengaluru on 26th November 2021.
- Hearing problems and management. Expert talk/interaction held as a part of TV program at Doordarshan (Tamil), telecasted on 26th November 2021.
- Hearing care. Expert talk/interaction held as part of World Hearing Day on Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 18th February 2022.
- Over view of Auditory verbal therapy. Lecture delivered through virtual mode at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 2nd March 2022.

Mr. Manohar N., Reader in Electronics

- ಶ್ರವಣಯಂತ್ರ - ಒಂದು ಪರಿಚಯ, ಮಹತ್ವ ಹಾಗೂ ಅವುಗಳ ನಿರ್ವಹಣೆ. Lecture delivered to the preschool kid parents, AIISH, Mysuru on 28th May 2021.
- Introduction to hearing aids and important design considerations. Lecture delivered at the Amruta Institute of Engineering & Management Sciences, Bidadi, Bengaluru on 28th June 2021.

- Care and maintenance of Hearing Aids. Expert talk/interaction held as a part of TV program at Doordarshan (Kannada), telecasted on 29th September 2021.
- Use of technology in the field of speech and hearing. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 26th November 2021.

Dr. Sangeetha Mahesh, Associate Professor in Clinical Services

- Communication disorders to regular teachers. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 22nd July 2021.
- Clinical services. Lecture delivered at the Avirata Pratishtana club house, Mysuru on 3rd October 2021.
- Stuttering. Lecture delivered at the Vishvavani Club house, Mysuru on 20th October 2021.
- Role of teachers in management of stuttering. Lecture delivered at the Webinar held as a part of the International Stuttering Awareness Day, AIISH, Mysuru on 22nd October 2021.
- Know more about stuttering. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 22nd October 2021.
- Role of speech-language pathologists in the inclusion of persons with communication disabilities. Lecture delivered through virtual mode at the RCI-CRE Program on Participation of Persons with Communication Disabilities towards an Inclusive Society on 9th December 2021.

Dr. Geetha C., Associate Professor in Audiology

- Brief about the activities of Audiology Department. Lecture delivered through virtual mode at the Induction Training for New Joined Staff, AIISH, Mysuru on 12th & 13th May 2021.
- Care and Maintenance of Cochlear Implants. Lecture delivered at the Rehabilitation of CI children: Training program for NPPCD audiologists, Department of Audiology on 28th February 2022.

Dr. Chandni Jain, Associate Professor in Audiology

- Learning disability- Help me learn. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 1st October 2021.
- Auditory training: Pre-requisites & strategies. Lecture delivered through virtual mode at the compendium of the Cochlear Implant, SGT University, Gurugram on 19th October 2021.
- Hearing related problems. Expert talk/interaction held as a part of TV Program at Doordarshan (Hindi), telecasted on 22nd & 24th December 2021.
- Principles of Auditory verbal therapy. Lecture delivered through virtual mode at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 2nd March 2022.

Dr. Sreeraj, K., Assistant Professor in Audiology

- Tinnitus: The problem and its management. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 21st September 2021.
- Hearing care. Expert talk/interaction held as part of World Hearing Day on Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 18th February 2022.

Mr. Freddy Antony, Assistant Professor in Clinical Psychology

- Techniques for behavioural management for children with special needs. Lecture delivered at the Orientation Program, AIISH, Mysuru on 8th July 2021.
- Importance of autism awareness day. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 1st April 2021.
- Difficulties faced by school going special children. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 2nd July 2021.

- Behaviour and emotional problems and its management in children with communication disorder. Expert talk/interaction held as a part of TV program at Doordarshan (Malayalam), telecasted on 24th September 2021.

Dr. Hema N., Assistant Professor in Speech Sciences

- Methods and techniques of teaching language to children with hearing impairment. Lecture delivered at the Orientation Program, AIISH, Mysuru on 16th June 2021.
- Brain damage and communication disorders: Identification and management. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 29th October 2021.

Dr. Prashanth Prabhu, Assistant Professor in Audiology

- RTI Act its importance. Lecture delivered at the Induction Training for New Joined staff, AIISH, Mysuru on 10th May 2021.
- Hyperacusis. Lecture delivered at the Program on Hearing Assessment and Management: Looking beyond the Audiogram, ISHA, Maharashtra on 26th June 2021.
- Preparation for entrance examination. Lecture delivered at the Orientation Program, organized by the Internship and Placement Cell, AIISH, Mysuru on 27th August 2021.
- Hearing impairment: An overview. Lecture delivered at the Monthly Lecture Series, AIISH, Mysuru on 16th September 2021.
- Publication of research papers. Lecture delivered at the Program on Publication of Research papers: Dos and Don'ts at Department of Audiology and Speech Language Pathology, Holy Cross College, Tiruchirappalli on 18th September 2021.
- Tinnitus: Assessment and Management. Lecture delivered through virtual mode at the Bharatiya Academy of Audiology on 25th January 2022.
- Recent advancement in Assessment and management of Tinnitus. Lecture delivered through virtual mode at the Holy cross college, Trichy on 26th February 2022.

- Ear Care: Ear Wax and discharge. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 18th March 2022.

Dr. Mamatha N.M., Assistant Professor in Audiology

- Educational rehabilitation for children with Hearing Impairment. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 9th March 2022.

Dr. Shijith Kumar C., Library & Information Officer

- Academic Integrity and Plagiarism. Lecture delivered at the Workshop on Academic Integrity and Plagiarism, AIISH, Mysuru on 30th October 2021.

Dr. Reuben T. Varghese, Scientist B

- Overview of AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 20th September 2021.
- Diagnostic markers for dementia: SLP perspective. Lecture delivered at the Webinar, AIISH, Mysuru on 30th September 2021.
- AAC for children with cerebral palsy and multiple disabilities. Lecture delivered at the Workshop on AAC for Parents and Professions, organized by National Institute of Empowerment of Persons with Multiple Disabilities, Chennai on 6th October 2021.
- Use of technology in the field of speech and hearing. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 26th November 2021.
- Recent devices of AAC for children with ASD. Lecture delivered through virtual mode at the National Webinar on Augmentative and Alternative Communication for children with Autism Spectrum disorder” organized by NIEPMED, Chennai on 18th & 19th March 2022.

Dr. Nisha K.V., Scientist, B

- Hearing related problems. Expert talk/interaction held as a part of TV Program at Doordarshan (Telugu), telecasted on 6th October 2021.

Dr. Ramadevi Sreenivas K.J., Audiologist Gr. I

- Awareness on communication disorders (Telugu). Lecture delivered through virtual mode at the Program in Club House, Mysuru on 22nd October 2021.

- Demonstration and orientation of recent devices. Lecture delivered at the Fine tuning of digital hearing aids for individuals with hearing impairment, Audiology Block, AIISH, Mysuru on 30th March 2022.

Smt. M.P. Geetha, Speech Language Pathologist Gr. I

- Learning disability. Lecture delivered at SVYM, Sarguru on 8th April 2021.
- Challenges faced during issue of speech and language disability percentage. Lecture delivered at the In-house Workshop on Disability Certification for Persons with Speech-Language Disorders, AIISH, Mysuru on 28th October 2021.
- Language disorders: An overview. Lecture delivered through virtual mode at the RCI-CRE program on Participation of Persons with Communication Disabilities towards an Inclusive Society on 9th December 2021.
- Language disorders. Lecture delivered at the Anivaasi Sangeeth Sallapa Clubhouse on 11th December 2021.
- Educational rehabilitation for children with Hearing Impairment. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 9th March 2022.
- Communication Disorders-How to identify early. Lecture delivered at Clubhouse, AIISH, Mysuru on 18th March 2022.

Mr. Darga Baba Fakruddin, Audiologist Gr. I

- Fine tuning of digital Hearing aids. Lecture delivered at the Fine tuning of digital hearing aids for individuals with hearing impairment, Audiology block, AIISH, Mysuru on 30th March 2022.
- Digital Hearing aids-care, use & trouble shooting. Lecture delivered at the Fine tuning of digital hearing aids for individuals with hearing impairment, Audiology block, AIISH, Mysuru on 30th March 2022.

Dr. R. Gopi Sankar, Research Officer

- Introduction about the department. Lecture delivered at the Induction Program for Newly Joined Staff, AIISH, Mysuru on 12th & 27th May 2021.

- Therapeutic rehabilitation of children with cleft lip & cleft palate. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 10th November 2021.
- Speech disorders and management. Expert talk/interaction held as a part of TV Program at Doordarshan (Tamil), telecasted on 29th November 2021.

Dr. Nandeesh B., Assistant Library & Information Officer

- E-Resources on sanskrit education. Lecture delivered at the National Level Webinar on Availability of E-resources for Sanskrit Education and Research Excellence, Library and Information Centre, Karnataka Samskrit University, Bengaluru on 12th August 2021.
- Writing Support Tool (Grammarly). Lecture delivered at the Workshop on Academic Integrity and Plagiarism, AIISH, Mysuru on 30th October 2021.

Smt. B.N. Shobha, Special Educator

- Educational options for children with ASD. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 28th April 2021.
- Special educational services at AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Kannada), telecasted on 27th September 2021.
- Basic cognitive skills story skill. Lecture delivered at the Orientation about the Department services to staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 24th February 2022.

Mr. Rajkumar R., Special Educator

- Overview of AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Telugu), telecasted on 4th October 2021.
- Facilities at the Special Education Department at AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Telugu), telecasted on 5th October 2021.
- Indian sign language. Lecture delivered at the International Day of Sign Languages 2021, AIISH, Mysuru on 24th September & 23rd October 2021.

- Role of special educators in inclusive set up and curriculum adaptation for children with communication disorders. Lecture delivered at the two-day National Webinar, AIISH, Mysuru on 9th December 2021.
- NEP 2020 on inclusive education, Role of BIERTS and curriculum adaptation. Lecture delivered at the three-day BIERT Training on Inclusive Education, Department of Education, Karnataka on 29th December 2021.

Ms. Ramanakumari P. V., Special Educator

- ARTs as a therapy: Music for holistic development of CWCD. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 14th April 2021.
- Integration of early childhood education of children with communication disorders with allied services like yoga and music for better inclusion. Lecture delivered at the Orientation Program, AIISH, Mysuru on 21st May 2021.
- Yoga and music for holistic development of children with special needs. Lecture delivered at the Orientation Program, AIISH, Mysuru on 11th June 2021.
- Music. Lecture delivered in Summer Camp, AIISH, Mysuru on 24th & 30th June 2021.
- Importance of information technology in preschool education for children with disabilities. Lecture delivered through virtual mode at the Program on Application of Technology in Education and Training, Pingalakhi Public Welfare Organisation, Ninapara, Puri, Odisha on 28th June 2021.
- Curriculum adaptation for children with hearing impairment. Lecture delivered at the Webinar on Curriculum adaptation for Children with Disabilities, Pingalakhi Public Welfare Organisation (PPWO), Puri Odisha on 2nd October 2021.
- Facilities at Special Education Department at AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Telugu), telecasted on 5th October 2021.
- Activities of Department of Special Education. Lecture delivered at the Clubhouse-Telugu Manasutho, Mysuru on 22nd October 2021.

- Hearing care and safe listening. Lecture delivered at the Orientation program in connection with the World Hearing Day, organized by Department of Special Education, AIISH, Mysuru on 12th February 2022.
- Cognitive skill training for orientation on PPEP services. Lecture delivered at the Orientation about Department services of staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 23rd February 2022.
- Educational Rehabilitation for children with Hearing Impairment. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 9th March 2022.

Ms. Sreerenth S Viswan, Speech Language Pathologist Gr.I

- Speech and language stimulation and importance of home training to enhance speech and language in natural environment (in Malayalam and Hindi). Lecture delivered at the Orientation Programme, AIISH, Mysuru on 21st April 2021.

Dr. Arunraj K., Audiologist /SLP Gr. II

- Brief about the activities of POCD department. Lecture delivered through virtual mode at the Induction Program for the Newly Joined Staff, AIISH, Mysuru on 12th & 13th May 2021.
- Activities of POCD and extension programmes for BASLP students. Lecture delivered at AIISH, Mysuru on 8th June 2021.
- Importance of newborn screening. Lecture delivered at Bapuji Child Health Institute and Research Centre, JJM Medical College, Davanagere on 9th November 2021.
- Newborn hearing screening and its importance & communication disorders. Expert talk/interaction held as a part of AIR Chennai Rainbow 101.4 FM Radio on 15th November 2021.
- Hearing problems and management. Expert talk/interaction held as a part of TV program at Doordarshan (Tamil), telecasted on 26th November 2021.

- To hear for life, listen with care. Lecture delivered through virtual mode at the Department of Otorhinolaryngology and hear and neck surgery, AIIMS, Hyderabad on 3rd March 2022.

Dr. Gayathri Krishnan, Audiologist/SLP Gr. II

- Swallowing disorders in children and its management. Lecture delivered at the Faculty Enrichment Program, AIISH, Mysuru on 20th May 2021.
- Feeding disorders in children and its management. Lecture delivered through E-mode, AIISH, Mysuru on 3rd June 2021.
- Swallowing disorders in children and its management. Lecture delivered through E-mode, AIISH, Mysuru on 11th June 2021.
- Educational rehabilitation for children with autism. Lecture delivered as a part of the AIR Mysore 100.6 FM Radio on 8th September 2021.
- Tinnitus: The problem and its management. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 21st September 2021.
- Behaviour and emotional problems and their management in children with communication disorder. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 24th September 2021.
- The readiness and gaps in dysphagia assessments-infrastructure, standard operating procedure and competency. Lecture delivered through E-mode, AIISH, Mysuru on 19th December 2021.

Smt. Deepa Anand, Audiologist / SLP Gr.II

- Autism. Lecture delivered at the Webinar organized by the Department of TCPD and ASD unit, AIISH, Mysuru on 15th April 2021.
- Caregivers of children with HI on management of speech intelligibility. Lecture delivered at the SSD Awareness month organized by Phonology Clinic, AIISH, Mysuru on 29th September 2021.
- Overview of communication disorders. Lecture delivered at Kendriya Vidyalaya, Mysuru on 26th November 2021.

- Success story client (RCLP). Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru about International Day of Persons with Disabilities (IDPWD), streamed on Youtube and Facebook on 3rd December 2021.
- Sharing of success stories of persons with communication disabilities. Lecture delivered through virtual mode at the Program on Persons with Communication Disabilities towards an Inclusive Society, AIISH, Mysuru on 9th December 2021.

Dr. Yashaswini R., Clinical Supervisor

- Accessibility to persons with communication disabilities through Tele-mode. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 3rd December 2021.

Dr. Sanjeev Kumar Gupta, Clinical Psychologist

- Behaviour management strategies for children with communication disorders. Lecture delivered at AIISH, Mysuru on 20th April 2021.
- Mind matters: Enhancing psychological well-being during covid-19 pandemic. Lecture delivered at AIISH, Mysuru on 11th May 2021.
- तनाव मुक्त जीवन जीने के उपाय. Lecture delivered at the First Internal Hindi Workshop 2021-22, AIISH, Mysuru on 24th June 2021.
- Management of psycho-social issues in persons who stutter. Lecture delivered at the Commemoration of International Stuttering Awareness Day, 2021, AIISH, Mysuru on 22nd October 2021.
- Cleft lip and palate. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 16th July 2021.
- Mental health in children and adolescents. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 29th October 2021.

Smt. Prathima, S., Speech-Language Pathologist Gr. II

- Classroom adaptations for children with Learning Disabilities. Lecture delivered at AIISH, Mysuru on 6th May 2021.

- Educational options for children with cerebral palsy. Expert talk/interaction held as a part of the Radio program at Janadhwani 90.8 FM Radio, Mysuru on 9th June 2021.
- Classroom adaptations for CP: Role of SLP. Lecture delivered at AIISH, Mysuru on 10th June 2021.
- Oral sensory motor issues and their management. Lecture delivered at AIISH, Mysuru organized by ASD unit and MSD clinic on 16th August 2021.
- Overview of communication disorders in Kannada. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 17th August 2021.
- Rehabilitation of cerebral palsy. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 17th September 2021.
- Home training activities to improve articulation and suprasegmental skills in children with hearing impairment in Kannada. Lecture delivered in view of SSD awareness month, organized by Phonology clinic, AIISH, Mysuru on 24th September 2021.
- Improving speech intelligibility in children with hearing impairment. Lecture delivered in view of SSD awareness month, organized by Phonology clinic, AIISH, Mysuru on 27th September 2021.
- Voice problems in children and adult. Expert talk/interaction held as a part of TV Program at Doordarshan (Kannada), telecasted on 30th September 2021.
- Speech disorders: An overview. Lecture delivered through virtual mode at the Program on Participation of Persons with Communication Disabilities towards an Inclusive Society, AIISH, Mysuru on 9th October 2021.
- Strategies to control drooling in Kannada. Lecture delivered in view of World Cerebral Palsy Day, organized by Special clinic for Motor Speech Disorders, AIISH, Mysuru on 12th October 2021.
- Speech, language and feeding guidelines. Lecture delivered in view of World Cerebral Palsy Day, organized by Special clinic for Motor Speech Disorders, AIISH, Mysuru on 12th October 2021.
- Communication disorders: An overview. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 25th October 2021.

- Management of cerebral palsy. Lecture delivered at the Program organized by Vasantha Geetha Vedike, Mysuru on 28th October 2021.
- Rights of Persons with Disabilities Act (RPWD): An overview. Lecture delivered through virtual mode at the Program on participation of Persons with Communication Disabilities towards an Inclusive Society, AIISH, Mysuru on 9th December 2021.
- Communication Disorders: An overview. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 17th March 2022.

Mr. Pradeep Kumar P., Speech Language Pathologist Gr. II

- Team approach in communication disorder. Lecture delivered at the Resource Exchange and Education through Care and Hope (REECH), AIISH, Mysuru on 26th February 2020.
- Speech disorders and management. Expert talk/interaction held as a part of TV Program at Doordarshan (Tamil), telecasted on 29th November 2021.

Mr. Jawahar Antony P., Audiologist / SLP Gr.II

- Usefulness of hearing aids. Lecture delivered at the Orientation Program, AIISH, Mysuru on 14th June 2021.
- Language problems. Expert talk/interaction held as a part of TV Program at Doordarshan (Tamil), telecasted on 30th November 2021.
- Baseline assessment and tests to assess progress. Lecture delivered through virtual mode at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 3rd March 2022.
- Hands on assessment protocols. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 4th March 2022.
- Video demonstrations and critical evaluation. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 10th March 2022.

- Hands-on training on speech language and listening training. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 11th March 2022.

Dr. Megha C., Audiologist Gr. II

- Candidacy for cochlear implantation and its management. Lecture delivered at the Orientation Program, AIISH, Mysuru on 6th May 2021 & 23rd June 2021.
- Prevention, Early identification and early intervention. Lecture delivered at DEIC and RBSK, Chamarajanagar on 6th January 2022.
- Demonstration & observation of speech language and listening training, development in children with normal hearing. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 7th March 2022.
- Preparing goals and activities for different age groups. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 9th March 2022.
- Case discussions. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists 9th March 2022.

Ms. Jyothi S., Audiologist/ SLP Gr. II

- Preparing goals and activities for different age groups. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 9th March 2022.
- Case discussions. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists 9th March 2022.
- Video demonstrations and critical evaluation. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 10th March 2022.
- Hands-on training on speech language and listening training. Lecture delivered at the Rehabilitation of cochlear implant children: Training program for NPPCD audiologists on 11th March 2022.

- To hear for life, listen with care. Lecture delivered through virtual mode at the National Level Webinar Series 2022, Mysore Science foundation, Mysuru on 2nd March 2022.

Mr. Vikas M.D., Audiologist / SLP Gr. II

- Use of technology in the field of speech and hearing. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 26th November 2021.
- Fine tuning of digital Hearing aids. Lecture delivered at the Fine tuning of digital hearing aids for individuals with hearing impairment, Audiology block, AIISH, Mysuru on 30th March 2022.

Ms. Sumana H.P., Special Educator

- Educational rehabilitation of ID children. Expert talk/interaction held as a part of the Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 14th July 2021.
- Curriculum designing and IEP for CWSN. Lecture delivered at the Monthly Public Lecture series, AIISH, Mysuru on 26th July 2021.
- Care and maintenance of hearing aids. Expert talk/interaction held as a part of TV Program at Doordarshan (Kannada), telecasted on 29th September 2021.

Ms. Kumudha R., Special Educator

- A brief overlook about the Assessment checklist. Lecture delivered at the Orientation about the Department services to staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 23rd February 2022.

Ms. Anjana, K., Special Educator

- Early Intervention and its importance. Lecture delivered at the Orientation about the Department services to staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 23rd February 2022.

Dr. Kadambari N., Special Educator

- Home training for children with ASD. Expert talk/interaction held as a part of the Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 7th April 2021.

- Journey of a child with autism along with her mother. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 23rd April 2021.
- Structuring the learning environment. Lecture delivered at the Orientation Programme, AIISH, Mysuru on 13th May 2021.
- Structuring the learning environment, Part-2. Lecture delivered at the Orientation Programme, AIISH, Mysuru on 28th June 2021.
- Autism and It's Educational Management. Lecture delivered at the workshop on autism to Asha workers and Anganwadi workers, organized by the Autism Society of Udupi on 23rd March 2022.

Smt. Vijayalakshmi S., Special Educator

- Educational rehabilitation of children with HI. Expert talk/interaction held as a part of the Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 12th May 2021.
- Special educational services at AIISH. Expert talk/interaction held as a part of TV Program at Doordarshan (Kannada), telecasted on 27th September 2021.
- Special Programme. Expert talk/interaction held as a part of TV Program at Doordarshan (Kannada), telecasted on 1st October 2021.
- Overview about the functioning of the Institute. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 21st March 2022.
- Overview of Preschool Parent Empowerment Programme. Lecture delivered at the Orientation about the Department services to staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 23rd February 2022.

Ms. Sreevidya M.S., Special Educator

- Care and maintenance of hearing aids. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 22nd September 2021.
- Speech problems in children. Expert talk/interaction held as a part of TV Program at Doordarshan (Malayalam), telecasted on 23rd September 2021.

- Case history and demonstration of Parent Infant Programme. Lecture delivered at the Orientation about the Department services to staff and parents of Devdan Foundation Special School, Mysuru organized by the Department of Special Education, AIISH, Mysuru on 24th February 2022.

Dr. Yashodhara Kumar G.Y., Clinical Psychologist, Gr.II

- Home training for children with ASD. Expert talk/interaction held as a part of the Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 7th April 2021.
- Journey of a child with autism along with her mother. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 23rd April 2021
- COVID impact on children's development and what parents can do? Lecture delivered at the Department of Prison and Correctional Services, Govt. of Karnataka on 23rd July 2021 and 11th January 2022.
- Learning disability: Help me learn. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 1st October 2021.
- Know more about st...st... stuttering. Lecture delivered at the Commemoration of International Stuttering Awareness Day, 2021, AIISH, Mysuru on 22nd October 2021.
- International Stuttering Awareness Day 2021: Know more about stuttering. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 22nd October 2021.
- Management of Behavioural issues in classroom. Lecture delivered at the Kendriya Vidyalaya, Chamarajanagara on 26th November 2021.
- Goal setting. Lecture delivered through virtual mode at the Orientation program, organized by the National Institute of Engineering on 21st December 2021.
- Time management. Lecture delivered through virtual mode at the Orientation Program, organized by the National Institute of Engineering, Mysuru on 28th December 2021.

- Stress Management. Lecture delivered through virtual mode at the Orientation Program, organized by the National Institute of Engineering, Mysuru on 31st December 2021.
- Educational Rehabilitation for Children ASD. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 9th February 2022.
- Today's parenting for child's tomorrow. Lecture delivered at Clubhouse program, AIISH, Mysuru on 28th February 2022.
- Behavioural issues in children with ASD. Lecture delivered at the Orientation program on Autism, organised by District Health Officer, Udupi on 23rd March 2022.
- Psychology of Fraud: What really matters in Fraudulent Behaviour. Lecture delivered at the 2nd International Symposium on Crime Studies organised by Centre for Criminology and Forensic Studies, Jindal Institute of Behavioural Sciences, Jindal Global University, Sonipat on 25-26th March 2022.

Mr. Prashanth, R., Medical Social Worker

- Certification and concession. Lecture delivered for B.ASLP students at AIISH, Mysuru on 11th August 2021.
- Welfare measures and RPWD Act. Lecture delivered at the Orientation Program AIISH, Mysuru on 17th August 2021.
- Welfare measures and the role social worker. Lecture delivered at the Orientation Program for MSW students, Govt. College, K.R. Pet, organized by AIISH, Mysuru on 17th August 2021.
- Welfare measures. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 26th November 2021.
- Welfare measures for persons with disabilities. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 3rd December 2021.
- Welfare measures for persons with communication disabilities. Lecture delivered through virtual mode at the Program on Persons with

Communication Disabilities towards an Inclusive Society, AIISH, Mysuru on 9th December 2021.

- Mothers of children with communication disorders – Basic awareness on government measures. Lecture delivered through virtual mode at the International conference on Women Empowerment Language studies and social sciences on 16th & 17th March 2022.
- Introduction about AIISH. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 17th March 2022.

Mr. M.S. Ravishankar, Junior Technical Officer

- Hearing aid: Trouble shooting and maintenance. Lecture delivered at AIISH, Mysuru on 19th May 2021.

Smt. J. Subalakshmi, Special Educator

- Art and crafts as stepping stones in development of children with special needs. Lecture delivered at the Orientation Programme, AIISH, Mysuru on 18th June 2021.

Dr. Purushothama P., Research Assistant

- Strengthening mental abilities & counselling. Lecture delivered at the meeting for children with special needs & their Parents for Strengthening Mental Abilities & Counselling, BRC, K.R. Nagara, Mysuru on 9th July 2021.

Dr. Sharath Kumar K.S., Audiologist/ SLP Gr. II

- Identification and management for adults with hearing loss. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 28th August 2021.
- Hearing and its disorders. Lecture delivered at the Monthly Public Lecture Series, AIISH, Mysuru on 18th March 2022.

Ms. Lissiu Maria, Clinical Psychologist

- Behaviour management strategies for children with communication disorders, Lecture delivered at the Orientation Program for Parents with Special Needs organized by AIISH, Mysuru on 20th April 2021.

- Classroom behaviour management strategies for children with communication disorders. Lecture delivered at the Orientation Program, organized by AIISH, Mysuru on 23rd April 2021.
- Mental health in children and adolescents. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 29th October 2021.

Mr. Raju H.H., Clinical Assistant

- Mental health in children and adolescents. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 29th October 2021.

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

- Communication disorders: An overview. Lecture delivered as a part of the Monthly Public Lecture Series, AIISH, Mysuru on 6th April 2021.
- Activities of the Department of Speech Language Sciences. Lecture delivered at the Induction Training for Newly Joined Staff, AIISH, Mysuru on 12th and 27th May 2021.
- Communication disorders: An overview. Lecture delivered at the Webinar, AIISH, Mysuru on 16th September 2021.
- Home training activities to improve articulation and suprasegmental skills of children with hearing impairment. Lecture delivered at the Orientation Programme, AIISH, Mysuru on 24th September 2021.
- Learning disability. Expert interaction/Live Panel Discussion, organized by the community radio center Janadhwani (90.8MHz) in association with the Learning Disability Clinic, AIISH, Mysuru on 13th October 2021.
- Learning disability in children. Lecture delivered at the Orientation Programme, organized by Vasantha Geeta Samskrithika Vedike, Mysuru on 16th October 2021.

Dr. Swathi Chandresh, Lecturer in ENT (Contract)

- Covid 19 safety measures for parents and care givers of special children. Lecture delivered at AIISH, Mysuru on 10th May 2021.
- Covid care and management. Lecture delivered at AIISH, Mysuru on 18th June 2021.

- Ear care-Ear wax and discharge. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 18th March 2022.

Ms. Dhivya, D., Lecturer in Special Education (Contract)

- Virtual Tour of Department of Special Education and importance of Special Education for Inclusive Education. Lecture delivered at the 10 days Professional development programme on Inclusive Education, organized by Regional Institute of Education, Mysuru on 2nd March 2022.

Mr. Kalaiyarasan R., Audiologist Gr. I (Contract)

- Newborn hearing screening and its importance & communication disorders. Expert talk/interaction held as a part of AIR Chennai Rainbow 101.4 FM on 15th November 2021.

Ms. Anuroopa K. S., Speech Language Pathology Gr. I (Contract)

- Communication disorders. Expert talk/interaction held as a part of Akashvani Radio Program, Madikeri on 30th October 2021.

Ms. Deepa R., Speech Language Pathology Gr. I (Contract)

- Speech therapy guidelines for the parents with special children in this pandemic situation. Expert talk/interaction held as a part of Radio Program at Janadhwani 90.8 FM Radio, Mysuru on 31st May 2021.

Mr. Santhosh J.R., Physiotherapist (Contract)

- Rehabilitation of cerebral palsy. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru, streamed on Youtube and Facebook on 17th September 2021.

Ms. Deeya C.B., Physiotherapist (Contract)

- Educational rehabilitation for children with multiple disability. Expert talk/interaction held as part of Live Phone-in Program, AIISH, Mysuru streamed on Youtube and Facebook on 8th December 2021.

Ms. Reneshiya Leena R., Occupational Therapist (Contract)

- Role of occupational therapist in sensory integration of persons with communication disabilities. Lecture delivered through virtual mode at the

Program on Participation of Persons with Communication Disabilities towards an Inclusive Society, Mysuru on 9th December 2021.

OTHER RESPONSIBILITIES

Dr. S. Venkatesan, Professor of Clinical Psychology

- Reviewer, Indian Journal of Clinical Psychology, Journal of Education, Society and Behavioural Science, Journal of Health and Allied Science, Studies on Ethno-Medicine

Dr. P. Manjula, Professor of Audiology

- Member, BOS, JSSISH, Dharward
- Associate Editor (Hearing), JAIISH

Dr. G. Rajeshwari, Professor of ENT

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

Dr. Rajalakshmi K., Professor of Audiology

- Subject Expert, Rehabilitation Council of India inspection, Newdelhi
- Examiner, University of Mysore, SRM University, Chennai
- Reviewer, Noise and Hearing Society Journal, Journal of Audiology and Otology

Dr. Ajish K. Abraham, Professor of Electronics

- Member, BOS, Sri Krishnadevaraya University, Ananthapuram
- Member, BOE, University of Mysore, Mysuru
- Member, Acoustics Sectional Committee, Bearau of Indian Standards, New Delhi
- Technical Expert, Composite Regional Centre for Skill Development, Rehabilitation & Empowerment of PwDs, (CRC), Lucknow
- Reviewer, Speech-Language and Hearing Journal, Journal of Circuits, Systems and Signal Processing, Canadian Acoustics Journal, Transactions on Audio, Speech and Language processing, Conference-Interspeech 2021

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

- Member, General Council of AYJNISHD
- Chairperson, Academic Council, NIPMED, Chennai
- Member, BOS, Sri Devaraja Urs Academy of Higher Education and Research.
- Member, BOS, Sri Padmavathi Mahila Viswavidyalayam, Tirupati.
- Member, Core Committee, Rehabilitation Council of India
- Subject Expert, Rehabilitation Council of India, New Delhi.
- External expert, Faculty Selection Committee, Manipal

Dr. Animesh Barman, Professor of Audiology

- Examiner, University of Mysore, Mysuru
- Subject Expert, Rehabilitation Council of India, New Delhi

Dr., Ajith Kumar U., Professor of Audiology

- Subject Expert, Rehabilitation Council of India, New Delhi

Dr. N. Sreedevi, Professor of Speech Sciences

- Member, BOS, University of Mysore, SRMC, Chennai, Manipal, Mangalore, Kannur, Thiruvananthapuram, Calicut, Pune, Bengaluru, Puducherry, University of Mysore, Mysuru
- Associate Editor, JAIISH
- Reviewer, Plan Project, Survey of Communication Disorders in the Districts of Mysuru, Mandya and Chamarajanagar
- External examiner, Bangalore University

Dr.Yeshoda, K., Associate Professor in Speech Sciences

- Member, BOS, University of Mysore, Vijayanagara Sri. Krishnadevaraya University, Ballari, Bangalore University, Bengaluru
- Member, BOE, Vijayanagara Sri. Krishnadevaraya University, Ballari
- Expert Panelist, SRIHER, Porur Chennai
- Associate Editor, JAIISH

Dr. Jayashree C Shanbal, Associate Professor in Speech Language Pathology

- Member, BOE, University of Mysore, Bangalore University, Mangalore University
- Associate Editor, JAIISH
- Member, Journal of Linguistics & Education

Dr. T.K. Prakash, Associate Professor in ENT

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

Dr. Swapna N., Associate Professor in Speech Pathology

- Member, Board of Examiners, University of Mysore, Mysuru
- Member, Board of Studies, University of Mysore, Mysuru
- Member, Doctoral Committee, SRM Univeristy, Chennai
- Examiner, Bharatiya Vidyapeeth University
- Associate Editor, JAIISH
- Reviewer, JAIISH

- Editor, Indian Speech and Hearing Association

Dr. Sandeep M., Associate Professor in Audiology

- Member, Governing Council, Samvaad Institute of Speech and Hearing, Bengaluru
- RCI inspector, Ali Yayar Jung National Institute of Speech and Hearing Disabilities (Divyangjan in Secunderabad)
- Managing Editor, JAIISH

Dr. Alok Kumar Upadhyay, Associate Professor in Special Education

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

Dr. Prawin Kumar, Associate Professor in Audiology

- Examiner, Amity University, Uttar Pradesh, University of Mysore, Mysuru, Manipal University
- Subject Expert, Rehabilitation Council of India, New Delhi
- Reviewer, MDPI Health care

Dr. Brajesh Priyadarshi, Associate Professor in Linguistics

- Member, Board of Examiners, University of Mysore, Mysuru
- Member, Editorial Board of Linguistics Journal

Dr. Niraj Kumar Singh, Associate Professor in Audiology

- Associate Editor, JAIISH
- Reviewer, Journal of Indian Speech and Hearing Association, Clinical Neuroscience, European Archives of Oto-rhino-laryngology, Audiology and Neurology

Dr. Prithi Venkatesh, Reader in Special Education

- Member, BOE in Special Education, University of Mysore, Mysuru
- Member of BOS in Special Education, University of Mysore, Mysuru

Dr. Palnaty Vijetha, Reader in Special Education

- Member, BOE in Special Education, University of Mysore, Mysuru
- Member of BOS in Special Education, University of Mysore, Mysuru

Dr.Sangeetha Mahesh., Associate Professor

- Member, BOE, University of Mysore, Nazeema & Samvaad Institute of Speech & Hearing and Chandrashekar Institute of Speech & Hearing, Bengaluru
- Reviewer, ISHA paper abstract, 2021-22

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

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

Dr. Geetha C., Assistant Professor in Audiology

- Examiner, University of Mysore, Mysuru
- Reviewer, Journal of Plos One

Dr. Prashanth Prabhu, Assistant Professor of Audiology

- Examiner, University of Mysuru, AIIMS, Raipur, Devaraja Urs Academy of Higher Education & Research
- Editor, International Journal – EC Neurology
- Assistant Editor, JAIISH
- Academic Editor, Journal of Plos One
- Reviewer, Journal of BMJ Open, Application of Clinical Genetics, International Archives of Otorhinolaryngology, Journal of Audiology, Ethics-Medicine and Public Health

Dr. Mamatha N.M., Assistant Professor of Audiology

- Subject Expert, Rehabilitation Council of India, New Delhi

Dr. Hema N., Assistant Professor in Speech Sciences

- Member, BOE, University of Mysore, Mysuru

Dr. Nisha K.V., Scientist B

- Assistant Editor, JAIISH
- Reviewer, Journal of Plos one, Heliyon Neuroscience, International Journal of Audiology, Journal of Indian Speech Language and Hearing Association

Dr. R. Gopi Sankar, Research Officer

- Reviewer, Journal of Cleft Lip and Palate

Dr. Nandeesh B., Assistant Library & Information Officer

- Treasurer, Mysore University Information and Library Science Alumni Network, University of Mysore, Mysuru

Dr. Sanjeev Kumar Gupta, Clinical Psychologist

- Reviewer, Journal of Pharmaceutical Research International, Indian Journal of Clinical Psychology, Journal of Health and Allied Sciences

Dr. Yashodhara Kumar G.Y., Clinical Psychologist Gr. II

- Member BOS, JSS Polytechnic College, Mysuru

Dr. K.S. Sharath Kumar, Audiologist / SLP Gr. II

- Assistant Editor, JAIISH

Ms. Gayathri Krishnan, Clinical Assistant

- Member, Research and Training Committee, ISHA
- Assistant Editor, JAIISH
- Reviewer, Dysphagia Journal, JISHA

Dr. Jithinraj B., Audiologist Grade II

- Reviewer, Acta Scientific Otolaryngology

Dr. Megha, Audiologist / SLP Gr.II

- Reviewer, Journal of Indian Speech Language and Hearing Association

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

- Reviewer, Journal of Indian Speech Language and Hearing Association

Mrs. Spoorthi T., Lecturer in Audiology (Contract)

- Reviewer, International Journal of Audiology

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 Department of Science and Technology (DST), Indian Council of Medical Research (ICMR), Science and Engineering Research Board (SERB), the Government of India funding agencies and UK Research and Innovation (UKRI), Global Alliance for Chronic Disease (GACD), University of Manchester, U.K. and United Nations Global Partnership for Assistive Technology, Geneva, the international funding agencies.

Completed Projects

Nineteen research projects worth **Rs. 108.77 lakhs** were successfully completed during the reporting year. Of these, two projects worth **Rs. 11.39 lakhs** were funded by extramural funding agencies and the remaining by the Institute.

1. Scalable hearing rehabilitation for low and middle income countries. Investigators: Dr. Jhon Newall, Dr. S.P. Goswami & Dr. Geetha C. Funding: United Nations Global Partnership for Assistive Technology, Geneva. Amount: Rs. 6.84 lakhs.
2. Sense-Cog Asia: An open label feasibility study of a supportive hearing intervention in dementia. Investigators: Dr. Iracema Lerio, Dr. Nusrat Hussain, Dr. S.P Goswami, Dr. Murali Krishnan & Dr. Sandeep M. Funding: University of Manchester, U.K. Amount: Rs. 4.55 lakhs.

AIISH Funded Research

Sl. No.	Topic	Investigators	Amount in lakhs (Rs.)
1.	Automation of Malayalam articulation test using automatic speech recognition techniques	Dr. Ajish K Abraham, Dr. Leena Mary & Dr. N Sreedevi	6.31
2.	Automatic quantification of the glottal area in the stroboscopic videos using deep neural network	Dr. Chandni Jain Dr. Chetak K B & Mr. Vipin Ghosh	9.86
3.	Behavioural and electrophysiological correlates (N400) of lexical access in bilingual adults with stuttering	Dr. Santosh M. & Dr. Abhishek B P	4.33
4.	Computerized auditory training for kannada speaking children with hearing impairment	Dr. Yeshoda K & Dr. Sreeraj K	3.31
5.	Development and evaluation of indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs	Ms. P.V Ramanakumari, Dr. Ajish K Abraham & Ms. P V Manjula	6.73
6.	Development of grade level assessment test in science for upper primary school children (VI-VIII)	Dr. Prithi Venkatesh	4.20
7.	Development of phonemically balanced word lists in Tamil language for adults	Dr. Geetha C & Dr. Devi N	4.88
8.	Development of some auditory related cognitive tests: assessment of cognitive reserve in individuals with older adults	Dr. Ajith Kumar U. & Dr. Hemanth N	9.51
9.	Effect of resource material on impact of Inclusive Education in Children with Intellectual Disabilities (ID) and Learning Disabilities (LD)	Dr. T K Prakash Mr. Rahul Krishnamurthy Dr. Prasanta Kumar Ghosh & Dr. Suja S	3.85
10.	Effect of Resource Material on Impact of Inclusive Education in Children with Intellectual Disabilities (ID) and Learning Disabilities (LD)	Dr. G Malar Ms. P Prathima	3.85

11.	Encoding of speech and music at auditory brainstem (frequency following response) with and without hearing aid	Dr. Devi N	4.98
12.	Life satisfaction and quality of life in persons with Aphasia beyond communication	Dr. S P Goswami	4.96
13.	Morphosyntactic Processing in Dyslexia: Application of an ERP Measure	Dr. Amrita Kanchan & Dr. Nawab A Khan	4.03
14.	Perception and Production of Prosody in Children with Hearing Impairment	Dr. Jayashree C Shanbal Ms. Mamatha N M & Mr. Gopi Shankar R	4.93
15.	Relationship between Auditory Abilities and Iron Deficiency Anemia in Adolescent Girls	Mr. Manohar N Mrs. Revathi K R Mr. Prashanth Prabhu P & Mr. Raghavendra G N	5.33
16.	Stories of Aphasia: Exploring paths to recovery in India	Dr. S P Goswami Dr. Julie A Hengst Ms. Sonal V Chitnis Dr. Brajesh Priyadarshi Dr. Neeraja Karathi & Ms. Pinky Singh	11.99
17.	Syntactic judgment abilities in persons with non fluent aphasia	Dr. Abhishek B P & Dr. K C Shyamala	4.33

Ongoing Projects

Sixty-three research projects worth **Rs. 1579.18 lakhs** were ongoing in different departments of the Institute during the reporting year. Of these, seventeen projects worth **Rs. 1321.51 lakhs** were funded by extramural funding agencies and the remaining forty-six projects by the institute.

Extramural Research

1. Acoustic and perceptual analysis of disfluencies in children with stuttering: Pre and post therapy comparison. Investigator: Dr. Sangeetha Mahesh. Funding: Department of Science and Technology, Government of India. Amount: Rs. 25 lakhs.
2. Articulate+: A system for automated assessment and rehabilitation of persons with articulation disorders (In collaboration with IIT Guwahatti). Investigators: Dr. Ajish K Abraham, Dr. M. Pushpavathi & Dr. N. Sreedevi. Funding: Ministry of Education & Indian Council of Medical Research, Government of India. Amount: Rs. 137.49 lakhs.

3. Auditory and cognitive consequences of dys-synchronous auditory nerve activity. Investigators: Dr. Ajith Kumar U. & Dr. Sandeep M. Funding: Department of Science and Technology, Government of India. Amount: Rs. 44 lakhs.
4. Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss. Investigators: Dr. Sandeep M. & Dr. Santhosh M. Funding: Department of Science and Technology, Government of India. Amount: Rs. 47.52 lakhs.
5. Cognitive linguistic abilities in children with cleft lip and palate: Phase II. Investigator: Dr. M. Pushpavathi. Funding: Department of Science and Technology, Government of India. Amount: Rs. 19.87 lakhs.
6. Cognitive stimulation therapy for dementia: International implementation in Brazil, India and Tanzania (CST-International). Investigators: Dr. Mina Chandra, Dr. Smita Deshpande, Dr. Sridhar Vaitheswaran, Dr. Murali Krishna & Dr. S.P. Goswami. Funding: Global Alliance for Chronic Disease (GACD), UKRI & Indian Council of Medical Research, Government of India. Amount: Rs. 628.29 lakhs.
7. 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 and Technology, Government of India. Amount: Rs. 32.27 lakhs.
8. Effect of cognitive load on speech and voice characteristics across lifespan: A cross sectional study. Investigators: Dr. Jayakumar T. & Dr. K. Yeshoda. Funding: Department of Science and Technology, Government of India. Amount: Rs. 28 lakhs.
9. Effect of hearing aid processing strategies on auditory cognitive measures: Listening efforts, mental fatigue and semantic information processing. Investigators: Dr. Hemanth & Dr. Ajith Kumar U. Funding: Department of Science and Technology, Government of India. Amount: Rs. 39.20 lakhs.
10. Effect of vestibular impairment and vestibular rehabilitation therapy on cognition and language processing. Investigators: Dr. Niraj Kumar Singh, Dr. Prawin Kumar, Dr. Prakash T K, Dr. Brajesh Priyadarshi & Dr. Amritha Kanchan. Funding: Department of Science and Technology, Government of India. Amount: Rs. 81.25 lakhs.
11. Efficacy of articulation and prosody intervention program for children with hearing impairment using hearing aids. Investigators: Dr. N Sreedevi &

Dr. Sangeetha Mahesh. Funding: Science and Engineering Research Board, Government of India. Amount: Rs. 23.72 lakhs.

12. Efficacy of computer based training module on auditory and cognitive skills in children with central auditory processing disorder. Investigators: Dr. Prawin Kumar & Dr. Niraj Kumar Singh. Funding: Department of Science and Technology, Government of India. Amount: Rs. 28.49 lakhs.
13. 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, Government of India. Amount: Rs. 35.29 lakhs.
14. Improving diagnosis and access to health care services for persons with dementia using android based applications by community health workers. Investigators: Dr. Mina Chandra, Dr. Smita N Deshpande, Dr. Murali Krishnan, Dr. S.P. Goswami, Dr. K.S. Shaji, Dr. Charan Singh & Dr. Bhagyashree Raghavan. Funding: Department of Science and Technology, Government of India. Amount: Rs. 78.60 lakhs.
15. Neuroaudiological profiling of children with specific language impairment. Investigators: Dr. Animesh Barman, Dr. Swapna N. & Dr. Prashanth Prabhu. Funding: Department of Science and Technology, Government of India. Amount: Rs. 33.88 lakhs.
16. RAKSHA- Reach and Advocacy for Autistic Kids Sexual Health and Safety Attitudes. Investigator: Dr. Reuben Varghese. Funding: 2nd India Bioscience. Amount: Rs. 1.00 lakh.
17. Relationship between behavioral and electrophysiological indices of cognition and language in children with auditory processing disorders and co-morbid conditions. Investigators: Dr. Prawin Kumar, Dr. Niraj Kumar Singh, Dr. Brajesh Priyadarshi & Dr. Amrita Kanchan. Funding: Department of Science and Technology, Government of India. Amount: Rs. 37.64 lakhs.

AIISH Funded Research

Sl. No.	Topic	Investigators	Amount in lakhs (Rs.)
1	Adaptation and validation of vocal fatigue index (VFI) in Kannada	Dr. R Rajasudhakar	4.33
2	An exploratory study of tinnitus in Indian context	Dr. K Rajalakshmi, Mr. Vinaya K C., Dr. David Baguly & Dr. Gerhard Andersson	4.03
3	Auditory brain plasticity in carnatic	Dr. K Rajalakshmi	4.03

	vocalists, instrumental musicians and non-musicians		
4	Auditory temporal processing in older adults: A behavioural and electrophysiological measures	Dr. Prashanth Prabhu	5.18
5	Automatic quantification of the glottal area in the stroboscopic videos using deep neural network	Dr. T K Prakash, Mr. Rahul Krishnamurthy, Dr. Prasanta Kumar Ghosh & Dr. Suja S	9.86
6	Behavioral and electro-physiological correlates of lexical semantic activation in high and low proficient bilinguals	Dr. Sandeep M., Dr. Abhishek B P & Dr. Chandni Jain	4.88
7	Behavioural and electro physiological (P300) correlates for visual and auditory process in Alzheimer's diseases	Dr. Hema N & Dr. Devi N	4.88
8	Cochlear implant outcome measures: Comparison of rating scales and speech perception	Dr. Megha & Mr. Jawahar Antony	5.05
9	Cognitive linguistic intervention program for children at risk for learning disability	Dr. Jayashree C Shanbal & Mr. Hariharan V	4.93
10	Computerized auditory training for Kannada speaking children with hearing impairment	Mr. Manohar N, Mrs. Revathi K R., Dr. Prashanth Prabhu P & Mr. Raghavendra G N	3.31
11	Design and development of E-learning platform and faculty profile system	Dr. Shijith Kumar C Mr. Manohar N & Dr. Malar G	4.68
12	Development and Checking the Effectiveness of training module for preschool parent empowerment program (PPEP) for children with special needs at AIISH	Dr. Alok Kumar Upadhyay Dr. Palnaty Vijetha & Ms. P V Ramanakumari	8.30
13	Development and standardization of questionnaire to assess the outcome in adult hearing aid users	Dr. K. Rajalakshmi, Ms. Mamatha N M & Dr. Ramadevi Sreenivas K J	4.33
14	Development and standardization of western aphasia revised battery in Tamil	Dr. Hema N	4.88
15	Development and validation of a mobile application tool for	Dr. Swapna N	7.88

	arithmetic concept teaching for preschoolers		
16	Development of a Grade Level Assessment test in Social Sciences grade VII and VIII of Karnataka State Education Board for typically developing children and for children with hearing impairment.	Dr. Palnaty Vijetha Dr. Alok Kumar Upadhyay & Mr. Rajkumar R	8.35
17	Development of an automatic speech processing based system for assessment of stuttering in Kannada speaking adults	Dr. Ajish K Abraham Dr. Anil Kumar Vuppala & Dr. Sangeetha Mahesh	12.67
18	Development of speech enabled communication tool for clients with speech impairment in Kannada	Mr. Manohar N	4.95
19	Development of Visual Scene Display (VSD) based Augmentative and Alternative Communication (AAC) system	Mr. Karthik Venkat Sridaran Dr. V Vivek Mr. Reuben Thomas Varghese & Dr. Ajish K Abraham	5.40
20	Disability evaluation in mental retardation using WHODAS 2.0 in a clinical setting	Mr. Freddy Antony & Dr. Sanjeev Kumar Gupta	3.25
21	Effect of combined tactile, thermal and gustatory stimulation on feeding and swallowing in children with cerebral palsy	Dr. N Swapna	4.93
22	Effect of rhythm of the background language and working memory on speech perception in elderly hearing impaired individuals	Dr. Geetha C Dr. Santosh M	5.45
23	Effectiveness of the adapted science text lessons for children with hearing impairment studying in Grade V	Dr. Prithi Venkatesh	10.20
24	Effect of resource material on impact of inclusive education in children with intellectual disabilities (ID) and learning disabilities (LD)	Dr. G Malar & Ms. P Prathima	3.85
25	Electrophysiological assessment of auditory and vestibular neural functioning in individuals with	Dr. Prawin Kumar, Dr. M Bhanukumar, Dr. Niraj Kumar Singh,	4.88

	diabetes mellitus	Mr. Vipin Ghosh & Dr. Kumari Apeksha	
26	Feasibility of standardized neuropsychological tests in assessment of patients with aphasia	Dr. Amrita Kanchan & Dr. Nawab A Khan	3.30
27	Field-testing of 'Constant Therapy' in Hindi and Kannada	Dr. S.P Goswami & Dr. Swathi Kiran	4.93
28	Impact of acoustic stimuli used for various measures of VEMP on the auditory system	Dr. Niraj Kumar Singh & Dr. Prawin Kumar	4.93
29	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	Dr. Ajith Kumar U & Dr. Nisha K V	4.85
30	Life satisfaction and quality of life in persons with aphasia beyond communication	Dr. S P Goswami	4.96
31	Modifying the design of Automated Malayalam Articulation Test to improve accuracy for evaluation of children with severe articulatory disorders	Dr. Ajish K Abraham Dr. Leena Mary & Dr. N Sreedevi	5.80
32	Morphosyntactic processing in dyslexia: application of an ERP measure	Dr. Jayashree C Shanbal, Ms. Mamatha N M & Gopi Shankar R	4.03
33	Normative data for click rate induced facilitation for assessing temporal integration	Dr. K. Rajalakshmi & Mr. Prashasti P Poovaiah	4.93
34	Perception and production of prosody in children with hearing impairment	Dr. Yeshoda K & Dr. Sreeraj K	4.93
35	Prevalence and risk factors for voice problems and effect of voice projection training in imams	Dr. Jayakumar T	4.88
36	Prevalence and risk factors of voice problems and knowledge of vocal health in professional carnatic singers and non-singers	Dr. Usha Devdas & Dr. M Santosh	4.93
37	Probing hidden hearing loss in individuals with different levels of	Mr. Arunraj K Dr. Animesh Barman	4.83

	noise exposure		
38	Product development of useful products of research carried out at AIISH	Dr. Prashanth Prabhu, Dr. Shijith Kumar C & Dr. Priya M B	5.03
39	Reading impairments in Kannada-English bilinguals individuals with fluent & non-fluent types of aphasia	Dr. Sunil Kumar Ravi, Dr. Pebbli Gopikishore & Dr. Shyamala K C	5.08
40	Relationship between auditory abilities and iron deficiency anemia in adolescent girls	Dr. Chandni Jain, Dr. Chetak K B & Mr. Vipin Ghosh	5.33
41	Short term correlations between speech motor variability and behavioural dysfluencies in persons with stuttering following fluency shaping therapy	Dr. Anjana B Ram & Mr. Mahesh B V M	4.85
42	Standardization of a discourse analysis scale for conversation, narration and picture description in Kannada	Dr. Hema N & Dr. K C Shyamala	4.03
43	Stimulability assessment as an outcome measure of phonological intervention in Kannada speaking children with speech sound disorders	Dr. Priya M B & Dr. N. Sreedevi	5.00
44	Stories of aphasia: exploring paths to recovery in India	Dr. S.P Goswami, Dr. Julie A Hengst, Ms. Sonal V Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi & Ms. Pinky Singh	11.99
45	The genetics of sensorineural hearing loss	Dr. K. Rajalakshmi, Dr. Srinivas K., & Dr. Jayakumar T	9.68
46	Treatment outcome of group therapy program in adults who stutter	Dr. M Sangeetha	4.90

New Research Projects

Six research projects worth **Rs. 36.93 lakhs** funded by the Institute were initiated during the reporting year.

AIISH Funded Research

Sl. No.	Topic	Investigators	Amount in lakhs (Rs.)
1	Association between speech in noise perception and different measures of bottom-up and top-down processing across age in adults with normal hearing sensitivity.	Mr. Srikar Vijayasarathy & Dr. Animesh Barman	5.25
2	Effectiveness of the adapted science text lessons for children with hearing impairment studying in Grade V	Dr. Prithi Venkatesh	10.20
3	Late latency potentials as auditory performance indicators in cochlear implantees	Dr. P Manjula & Dr. Geetha C	5.45
4	Mobile application for conditioning infants before the hearing test	Dr. N Hemanth & Dr. Ajith Kumar U	6.13
5	Stimulability assessment as an outcome measure of phonological intervention in Kannada speaking children with speech sound disorders	Dr. Priya M B & Dr. N Sreedevi	5.00
6	Treatment outcome of group therapy program in adults who stutter	Dr. M Sangeetha	4.90

Doctoral and Post-doctoral Research

Totally, twenty-four students completed their doctoral research during the reporting year. In addition, 71 students were pursuing their doctoral and one student, post-doctoral research. Of the 71 doctoral students, 35 joined newly. The details of the doctoral research are given in tables 1 to 3 and the post-doctoral research in table 4.

Table 1: Completed Doctoral Research

Sl.No.	Candidate	Category	Topic	Guide	Status
Audiology					
1.	Anoop B J	External	Cognitive and ERP measures of informational masking in young and elderly normal hearing individuals	Dr. Ajith Kumar U	Degree Awarded
2.	Arunraj K	In-service	Clinical validation of wideband absorbance tympanometry in detecting middle ear disorders	Dr. Animesh Barman	Degree Awarded
3.	Jawahar Antony P	In-service	Stream percept with sinusoidally amplitude modulated stimuli and its relation with speech perception in noise in individuals with normal hearing and sensorineural hearing loss	Dr. Animesh Barman	Degree Awarded
4.	Mamatha N M	In-service	Effect of auditory processing abilities on academic performance in Kannada speaking primary school children	Dr. Asha Yathiraj	Degree Awarded
5.	Reesha O. A	DST-JRF	Efficacy of computer-based auditory separation training in children with auditory processing disorders	Dr. Prawin Kumar	Degree Awarded
6.	Shubha Tak	External	Loudness perception in children using hearing aids and children using cochlear implants	Dr. Asha Yathiraj	Degree Awarded
7.	Vignesh S S	External	Auditory vestibular functions in individuals with multiple sclerosis	Dr. K Rajalakshmi	Degree Awarded
8.	Vikas M D	In-service	Effects of temporal resolution, working memory and personality on hearing aid benefit in older adults	Dr. Manjula P	Degree Awarded
9.	Pavan M	External	Investigation of mechanism underlying poor speech perception in individual with cochlear hearing loss based	Dr. K Rajalakshmi	Thesis

			on recovered envelope cues and the contribution of temporal fine structure cues in sequential segregation		Submitted
10.	Prajna Bhat J	External	Brainstem neurophysiological correlates of pitch coding in vocal and instrumental musicians	Dr. K Rajalakshmi	Thesis Submitted
11.	Priyanka Jaisinghani	DST-JRF	Validation of speech enhancement and noise reduction strategies in individuals with sensorineural hearing loss and auditory neuropathy spectrum disorders	Dr. Manjula P	Thesis Submitted
12.	Shreyank P Swamy	External	Comparison of contralateral suppression of otoacoustic emissions between children with APD and children with ADHD	Dr. Asha Yathiraj	Thesis Submitted
Speech-Language Pathology					
13.	Amoolya G	External	Bilingual effect on written language skills in Kannada-English bilingual-biliterate children with learning disability	Dr. Jayashree C Shanbal	Degree Awarded
14.	Aparna V S	External	Speech and language outcomes in school going children following early primary cleft palate repair	Dr. M Pushpavathi	Degree Awarded
15.	Darshan H S	AIISH-JRF	A comparative study on statistical learning abilities in persons with aphasia and neuro-typical individuals	Dr. S P Goswami	Degree Awarded
16.	Deepak P	AIISH-JRF	Efficacy of verb network strengthening treatment in persons with aphasia	Dr. S P Goswami	Degree Awarded
17.	Deepthy Ann Joy	AIISH-JRF	Acoustic and articulatory characteristics of Malayalam speaking children using Cochlear Implant	Dr. N Sreedevi	Degree Awarded
18.	Divya Seth	External	Efficacy of response cost treatment in preschool children who stutter	Dr. Santosh M	Degree Awarded

19.	Priyanka	External	Cross-linguistic generalization of fluency in Kannada-English bilingual adults who stutter: Effect of non-programmed prolonged speech treatment	Dr. Santosh M	Degree Awarded
20.	Rakesh C V	AIISH-JRF	Efficacy of prolonged speech and pause and talk techniques in school-aged children with stuttering: A comparison	Dr. Santosh M	Degree Awarded
21.	Reuben Thomas Varghese	In-service	Comparison of early cognitive-communicative deficits between persons with dementia of alzheimer's type and mild cognitive impairment	Dr. S P Goswami	Degree Awarded
22.	Anitha Naittee Abraham	External	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	Thesis Submitted
23.	Srushti Shabnam	External	Acoustic voice quality index based dysphonia severity classification	Dr. M Pushpavathi	Thesis Submitted
24.	Vineetha Sara Philip	AIISH-JRF	Symbolic language abilities for aided communication in persons with Aphasia	Dr. S P Goswami	Thesis Submitted

Table 2: Ongoing Doctoral Research

Sl. No.	Candidate	Category	Topic	Guide
Audiology				
1.	Anuprasad S	External	Auditory processing and auditory working memory in children with benign epilepsy with centrotemporal spikes	Dr. K Rajalakshmi
2.	Darga Baba Fakruddin	In-service	Effect of age, hearing loss working memory on speech recognition in naive hearing aid users	Dr. K Rajalakshmi
3.	Deepashree S R	External	Auditory brainstem responses and otoacoustic emissions in infants born	Dr. Ajith Kumar U

			to mothers with iron deficiency anaemia	
4.	Dhanya M	External	Perceptual cues of coarticulation in Malayalam in normal hearing and hearing impaired individuals	Dr. Sandeep M
5.	Indira C P	DST-JRF	Hearing help seeking behaviour in parents of children with hearing loss	Dr. Sandeep M
6.	Jim Saroj Winston	AIISH-JRF	Effect of short-term musical training on psycho-acoustical, electrophysiological and working memory measures	Dr. Ajith Kumar U
7.	Krupa Saira George	AIISH-JRF	Effect of native and non-native babble background on speech identification of individuals with normal hearing and hearing impairment	Dr. K Rajalakshmi
8.	Merin Mathews	DST-JRF	Audio-visual speech perception in individuals with ANSD: Effect of audio-visual training evidenced through ERP and behavioural measures	Dr. K Rajalakshmi
9.	Priyadharisini K	DST-JRF	Effect of auditory training using envelope enhanced speech on speech perception abilities in persons with auditory neuropathy spectrum disorder	Dr. Ajith Kumar U
10.	Rakesh Gatla	AIISH-JRF	Effect of exposure to below-damage risk criteria environmental noise on auditory processing abilities	Dr. Sandeep M
11.	Sahana V	AIISH-JRF	Auditory and cognitive profiling in normal hearing individuals with occupational noise exposure	Dr. Ajith Kumar U
12.	Shubhaganga D	AIISH-JRF	Influence of education, employment and gender on auditory processing and cognition in older adults	Dr. Asha Yathiraj
13.	Sreena E N	AIISH-JRF	Preferred compression amplification setting for individuals with varying audiogram configurations	Dr. Manjula P
14.	Srikar V	External	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
Speech-Language Pathology				
15.	Girish K S	DBT-JRF	Development of norms for nasospeech in typically developing children	Dr. M Pushpavathi

16.	Jyothi S	External	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
17.	Manju S	External	Speech and language development in Malayalam speaking toddlers with repaired cleft lip and palate	Dr. M Pushpavathi
18.	Nikitha M	AIISH-JRF	Gesture perception and production abilities in persons with aphasia: A comparative study	Dr. S P Goswami
19.	Nirmal Sugathan	External	Comparison of phonological processing between children who persist and recover from stuttering	Dr. Santosh M
20.	Ranjini G.C.	External	Derived acoustic measures of vowels in Kannada speaking children with cochlear implant	Dr. N Sreedevi
21.	Seema M	External	Efficacy of Prolongation Speech Therapy Technique and Pause and Talk Techniques in Adults with Stuttering: A comparison	Dr. Santosh M
22.	Sonam Belliappa M	AIISH-JRF	Use of chin tuck against resistance and neuromuscular electrical stimulation for swallow function in Parkinson's Disease : A comparative study	Dr. S P Goswami
23.	Sunitha Sendhilnathan	External	Effect of language intervention in english as a medium in monolingual and bilingual children with autism spectrum disorders a comparison	Dr. Shyamala K C
24.	Susan G Oommen	External	Effect of bilingualism on linguistic and executive functions in children with autism spectrum disorders	Dr. Shyamala K C
25.	Sushma Manjunath	AIISH-JRF	Development and validation of therapy protocol for compensatory articulation in children with repaired cleft lip and palate	Dr. M Pushpavathi
Speech and Hearing				
26.	Ranjitha R	External	Development and standardization of a test battery to evaluate phonological representations in Malayalam speaking preschool children	Dr. N Sreedevi
27.	Sneha Mareen Varghese	External	Graphophonological-semantic flexibility and reading comprehension	Dr. Jayashree C Shanbal

			sion in children with dyslexia	
Special Education				
28.	Devaraj N B	External	Effectiveness of school readiness program on pre-school children with hard of hearing	Dr. Alok Kumar Upadhyay
29.	Dhivya D	External	Effect of interactive learning application tool on simple reasoning ability, memory and problem solving skill of preschool children with hearing impairment	Dr. Alok Kumar Upadhyay
30.	Lakshmi Prabha J.K.	External	Yet to decide	Dr. Alok Kumar Upadhyay
31.	Nagarathnam ma	External	Yet to decide	Dr. Alok Kumar Upadhyay
32.	Omar Wajdy Aref Al-Rawashdeh	External	Yet to decide	Dr. Alok Kumar Upadhyay
33.	Subramanya K R	External	Effect of adapted story and rhymes package on listening skill, speaking skill, pre-reading skill and pre-writing skill of preschool children with hearing impairment	Dr. Alok Kumar Upadhyay
Linguistics				
34.	Eman Al Haider Moussabi	External	Yet to decide	Dr. Brajesh Priyadarshi
35.	Maisa'A Jamal Mahmoud Alshawawreh	External	The role of cognition and use of multimedia in vocabulary learning of Jordan Imtermediate school children	Dr. Hema N
36.	Tasnim A.S. Swaitti	External	Language contact in Hebron: Semantics borrowing and phonological changes in bilingual context	Dr. K Yeshoda

Table 3: Newly Joined Research Fellows for Doctoral Research

Sl. No.	Candidate	Category	Guide
Audiology			
1.	Bhalerao Sanket Satish	External	Dr. Geetha C
2.	Dhananjay Rachana	External	Dr. Devi N
3.	Gowri R	AIISH-JRF	Dr. Sandeep M
4.	Kriti Arora	AIISH-JRF	Dr. Sandeep M
5.	Meghana Mohan B	AIISH-JRF	Dr. K Rajalakshmi

6.	Meghana N	AIISH-JRF	Dr. Manjula P
7.	Nayana M	AIISH-JRF	Dr. Prawin Kumar
8.	Pathak Mayur Balaji	External	Dr. Chandni Jain
9.	Priyanjali Harit	External	Dr. Prawin Kumar
10.	Rajesh Kumar R	AIISH-JRF	Dr. Niraj Kumar Singh
11.	Rashmi E	AIISH-JRF	Dr. Devi N
12.	Sahana P	AIISH-JRF	Dr. Manjula P
13.	Shezeen Abdul Gafoor	AIISH-JRF	Dr. Ajith Kumar U
14.	Sridhar S	AIISH-JRF	Dr. Devi N
15.	Syeda Aisha	AIISH-JRF	Dr. Chandni Jain
16.	Vinayagar P T	AIISH-JRF	Dr. Sujeet Kumar Sinha
17.	Vineetha C V	External	Dr. Animesh Barman
Speech-Language Pathology			
18.	Akshaya S	External	Dr. SP Goswami
19.	Bilvashree C	AIISH-JRF	Dr. Swapna N
20.	Ceana Mariya Paul	AIISH-JRF	Dr. K Yeshoda
21.	Divyashree K N	AIISH-JRF	Dr. N Sreedevi
22.	Geetha MP	External	Dr. T Jayakumar
23.	Jesnu Jose Benoy	AIISH-JRF	Dr. T Jayakumar
24.	Kavya V	AIISH-JRF	Dr. Swapna N
25.	Khyathi G Jain	External	Dr. S P Goswami
26.	Lakshmipriya S M	External	Dr. Hema N
27.	Manasa A S	External	Dr. M Pushpavathi
28.	Nagashreeya D	External	Dr. SP Goswami
29.	Pooja C	AIISH-JRF	Dr. Hema N
30.	Ranjitha Kashyap B N	AIISH-JRF	Dr. T Jayakumar
31.	Revathi R	AIISH-JRF	Dr. K Yeshoda
32.	Sahana Srinivasan	AIISH-JRF	Dr. Swapna N
33.	Vasupradaa M	AIISH-JRF	Dr. Santosh M
34.	Yashaswini B C	AIISH-JRF	Dr. Hema N
Speech and Hearing			
35.	Jothi S	External	Dr. Jayashree C Shanbal

Table 4: Ongoing Post-doctoral Research

Sl. No.	Candidate	Category	Topic	Guide
1	Dr. G Malar	External	Academic screening adapted for children with communication disorders	Dr. S P Goswami

Postgraduate Research

The postgraduate students of the institute carry out research as a part of their course work. The details of completed postgraduate research carried out as a part of M.Sc. Audiology and M.Sc. Speech-Language Pathology are given in table 5 and the ongoing research works in table 6.

Table 5: Completed postgraduate research

Sl. No.	Candidate	Topic	Guide
Audiology			
1.	Aashish Sharma	Listening habits of young adults during lockdown: A survey	Dr. Geetha C
2.	Abhishek Umashankar	The light cupula phenomenon: A systemic review	Dr. Animesh Barman
3.	Adithya S S	Canalith repositioning maneuvers for treatment of posterior semicircular canal: A systematic review	Dr. Niraj Kumar Singh
4.	Aiza Fatima Raza	Indicators for cochlear implantation in individuals with auditory neuropathy spectrum disorders: A systematic review	Dr. Prashanth Prabhu P
5.	Aman Kumar	Prevalence of hearing loss in geriatrics	Ms. Mamatha N M
6.	Anju Sara Eby	A survey on awareness about various audiological conditions in students and their classroom management amongst teachers in Kerala	Dr. Chandni Jain
7.	Ankit Kumar Lohani	A tutorial on vestibular evoked myogenic potential	Dr. Sujeet Kumar Sinha
8.	Anshuman Yadav	Speech perception outcomes using Bone Conduction Implants: Systematic review	Dr. Prawin Kumar
9.	Apoorva Prathibha K S	Longitudinal study on audiological and language outcomes in children using hearing aids: A comparative study of ANSD and SNHI	Dr. Nisha K V Co- Guide: Dr. Ajith Kumar U
10.	Ariya Jayan	Speech perception outcomes in children using Auditory Brainstem Implants: Systematic review	Dr. Prawin Kumar
11.	Arsiwala Tasneem M	Cortical auditory evoked potentials as performance indicators in cochlear implant: A systematic review	Dr. Geetha C
12.	Atul P R	Sudden sensorineural hearing loss- Literature review	Dr. Rajalakshmi K
13.	Bhagyashree Ishwar H	Trend analysis of hearing aids dispensed under HDDU scheme at AIISH	Dr. Sandeep M

Sl. No.	Candidate	Topic	Guide
14.	Chethan K	Auditory brainstem responses in acoustic neuroma - a systematic review	Dr. Ajith Kumar U
15.	Chitra K	Systematic review of music perception in children with cochlear implant	Dr. Devi N
16.	Dilli Raj Paudel	Prevalence and characteristics of congenital hearing loss in children: A register based study	Ms. Mamatha N M
17.	Dyuthi B	Prevalence, audiological characteristics and management of individuals diagnosed with ANSD for a period of one year at AIISH (January 2019 to December 2019)	Dr. Chandni Jain
18.	Freddy Jose	Hearing aid benefit in individuals with ANSD: A retrospective study	Ms. Mamatha N M
19.	Hasla Hamza Valiyadan	A systemic review on effectiveness of early cochlear implantation on speech perception and quality of life	Dr. Chandni Jain
20.	Jijinu P S	Utility of video head impulse test in Meniere's Disease: A systematic review	Dr. Sujeet Kumar Sinha
21.	Kajol N	Effectiveness of online teaching in training prospective speech-language pathologists and audiologists	Dr. Sandeep M
22.	Kruthika S	Evidence of synaptopathy in individuals with tinnitus: A systematic review	Dr. Prashanth Prabhu P
23.	Meena Rao	Noise induced hearing loss: Clinical presentation	Dr. Sreeraj K
24.	Mridul Pratik Khakha	Listening to music with hearing aids - A systematic review	Dr. Manjula P
25.	Muthu Kartick L	Application of ICF framework for noise induced hearing loss	Dr. Sreeraj K Co- Guide: Dr. Nisha K V
26.	Namitha Jain	Prevalence of auditory hallucinations in individuals with hearing impairment	Dr. Sreeraj K
27.	Prabuddha Bhatarai	Speech perception outcomes in children using cochlear implants: Systematic review	Dr. Prawin Kumar
28.	Prakruthi M K	Auditory training strategies for auditory processing disorder: A review	Dr. Devi N
29.	Prateek Lokwani	Audiological profiling and voice characteristics in congenital and late onset auditory neuropathy spectrum disorder	Dr. Nisha K V Co- Guide: Dr. Prashanth Prabhu P
30.	Praveen Prakash	Audiologic management of auditory neuropathy spectrum disorder in children-A systematic review of the Literature	Dr. Rajalakshmi K

Sl. No.	Candidate	Topic	Guide
31.	Rachna Hanji	Profiling listening needs of individuals with Hearing Impairment	Dr. Manjula P
32.	Sahana T S	Prevalence and causes of hearing loss in Mysore District-A retrospective study	Dr. Rajalakshmi K
33.	Saranya Arya Mundayoor	Role of temporal cues in speech perception – A systematic review	Dr. Ajith Kumar U
34.	Shejal Kasera	Canalith repositioning maneuvers for treatment of lateral semicircular canal: A systematic review	Dr. Niraj Kumar Singh
35.	Shingi Dipti Santosh K	Online survey of hearing help-seeking behaviour in parents of children with hearing loss	Dr. Sandeep M
36.	Shradha Manandhar	A tutorial on repositioning maneuvers for benign paroxysmal positional vertigo	Dr. Sujeet Kumar Sinha
37.	Sunny Khurana	A retrospective study on clinical test battery for persons with normal hearing with tinnitus; bridging the gap from research to clinical practice	Dr. Animesh Barman
38.	Suryakant Yadav	ABR findings in hidden hearing loss: A systemic review	Dr. Animesh Barman
39.	Vidya Gowda S L	Attitude and knowledge of teachers on education for children with hearing impairment: A systematic review	Dr. Devi N
40.	Zohra Nafees Ghor	Development of quality of life questionnaire for children using hearing devices in English and Kannada	Dr. Geetha C
Speech-Language Pathology			
41.	Akshit Anand	Development of a questionnaire to assess psychosocial issues in professional voice users	Mr. Freddy Antony Co-Guide: Dr. Yeshoda K
42.	Amritha Varshini S	Public education material for professional voice users-teachers, singers, and radio jockey	Dr. Jayakumar T
43.	Anima Goyal	Development of a minimal pair manual in Hindi for the intervention of children with speech sound disorders	Dr. Sreedevi N
44.	Ashiyath Anshaba P	Development of activity resource manual for group therapy in children who stutter	Dr. Sangeetha M

Sl. No.	Candidate	Topic	Guide
45.	Ashritha M Hegde	Development of theory of mind activities for individuals with right hemisphere damage/traumatic brain injury- a virtual training manual	Dr. Hema N
46.	Architaa R S	Analysis of scholarly communication on voice: A scientometric study	Dr. Rajasudhakar R
47.	Ashitha Paul K	Manual for training pragmatic language skills through social stories	Dr. Jayashree C Shanbal
48.	Ashiya Shaima	Perspectives of students in tele-service delivery in speech-language pathology	Dr. Rajasudhakar R
49.	Bandhan Kumar Pradhan	Use of technology in the treatment of aphasia: A systematic review	Mr. N Manohar Co-Guide: Dr. Anjana B Ram
50.	Biraj Bhattarai	Derived measures of vowel acoustics in children: A systematic review	Dr. Sreedevi N
51.	Christabale Jane	Effect of phonological and morphological factors on the frequency of stuttering in children who stutter - a systematic review	Dr. Santosh M
52.	Gayathri	Home training program for children with cleft lip and palate	Dr. Pushpavathi M
53.	Jeevan R S	A preliminary study to develop an android based application for intonation training in children with hearing impairment	Dr. Reuben T Varghese Co-Guide: Sreedevi N
54.	Joanna K B	Computerized Manual for training Syntax in children.	Dr. Jayashree C Shanbal
55.	Joel Joseph	Clinical tutorial on cluttering for speech-language pathologists	Dr. Sangeetha M
56.	Kapasi Arva Shabbirbhai	Development of a manual in Gujarati for the intervention of children with speech sound disorders using minimal pairs	Dr. Sreedevi N
57.	Kavitha J	Development of cognitive linguistic intervention manual in Kannada for persons with dementia: an adaptation of CLIM- Malayalam	Dr. Goswami S P
58.	Keneitsolo-U Koza	Acoustic analysis of lexical tone in two Naga languages	Dr. Santosh M
59.	Kusuma M	Development of a resource manual in Kannada for training phonotactic structure in children with apraxia of speech	Dr. Swapna N
60.	Madhusudhan B M	Assessment of voice characteristics through virtual mode	Dr. Ajish K Abraham Co-Guide: Dr. Jayakumar T

Sl. No.	Candidate	Topic	Guide
61.	Mallika Nikita Lewis	Knowledge and use of visual supports among speech-language pathologists for children with autism spectrum disorder	Dr. Anjana B Ram
62.	Mansi Karnad	School administrators understanding of the rights of children with disabilities and their readiness for inclusion - Indian survey	Dr. Anjana B Ram
63.	Mohamed Abuthalha M	An objective method of quantifying vocal breathiness in normal and simulated conditions- a preliminary study	Dr. Yeshoda K
64.	Niranjana P	Exploration of vocal fatigue in trained carnatic singers using vocal fatigue index-version 2 (VFI-2)	Dr. Yeshoda K
65.	Patel Siddhi Deepak	Development of a manual for syntactic processing activities for persons with aphasia	Dr. Hema N
66.	Pradyumna M	Awareness and perception of developmental milestones of children upto 3 years of age among parents in urban setup	Dr. Jayashree C Shanbal
67.	Priyanka N	Development of multi-media manual for school teachers on voice and its disorders	Dr. Reuben T Varghese Co-Guide: Dr. Rajasudhakar R
68.	Rini K R	Development of vocal education material for individuals with puberphonia	Dr. Jayakumar T
69.	Rushali Hemantkumar Thakar	Development of cognitive linguistic intervention manual in hindi for persons with dementia: An adaptation of CLIM-Malayalam	Dr. Goswami S P
70.	Shinsi Binth E K	Clinical tutorial on neurogenic stuttering for speech-language pathologists	Dr. Sangeetha M
71.	Sri Ranjani V	Acoustic voice quality index in young phononormals using SOVT- frication exercise: Comparison of pre-post training	Dr. Yeshoda K
72.	Sumathi N	Development of tasks and activities for cognitive training of adults with cognitive impairments	Dr. Venkatesan S Co-Guide: Dr. Hema N
73.	Syam Krishna V	Characteristics of clients voice disorders at AIISH: An ex post facto study	Dr. Rajasudhakar R
74.	Tanvi Rajesh Sanghavi	Assessment of pharyngeal dysphagia through fiberoptic endoscopic evaluation of swallowing: A tutorial	Dr. Swapna N

Sl. No.	Candidate	Topic	Guide
75.	Thanuja M	Self-rated and clinician-rated parameters of speech effort in stuttering	Dr. Anjana B Ram
76.	Thirumanjari K	Development of manual for visuo-spatial organization activities for persons with brain damage	Dr. Hema N
77.	Veda P	Development and validation of an online technique for assessment of stuttering in Kannada speaking adults	Dr. Ajish K Abraham Co-Guide: Dr. Sangeetha M
78.	Vijayeshwari S	Effect of phonological and morphological factors on the frequency of stuttering in adults who stutter - A systematic review	Dr. Santosh M
79.	Vyshna Babu T	Development of vocal education material for older adults in Malayalam	Dr. Jayakumar T
80.	Yaazhini O D	Development of treatment manual for oral dysphagia	Dr. Swapna N
81.	Zainab Ismail	Development of cognitive linguistic intervention manual in English for persons with dementia: An adaptation of CLIM-Malayalam	Dr. Goswami S P

Table 6: Ongoing Postgraduate Research

Sl. No.	Candidate	Topic	Guide
Audiology			
1.	Abdul Bahis	Survey on utilization and satisfaction of hearing devices under Central Government schemes on parents of children's with hearing impairment	Dr. Prawin Kumar
2.	Adya Parmar	Efficacy of different clinical assessment measures of hyperacusis - a systematic review	Dr. Prashanth Prabhu P
3.	Aishwarya N	Utility of suppression head impulse paradigm (shimp) in identifying peripheral vestibular disorders- A systematic review	Dr. Sujeet Kumar Sinha
4.	Amar	Efficacy of TRT in treating hyperacusis - a systematic review	Dr. Ajith Kumar U
5.	Aradhna	Neuromonics tinnitus treatment-a systematic review	Dr. Sreeraj K
6.	Ashiq Abdul Rahman	Development of manual on counseling for individuals with subjective tinnitus.	Dr. Manjula P
7.	Ashish	Influence of diabetes mellitus type 1 on auditory- vestibular functioning	Dr. Prawin Kumar

Sl. No.	Candidate	Topic	Guide
8.	Banumathi	A systematic review on auditory processing abilities in children with non-syndromic cleft lip/and palate	Dr. Chandni Jain
9.	Bhuvaneshwari	The clinical significance of ECAP and ESRT in children with cochlear implant: a systematic review	Dr. Prawin Kumar
10.	Brunda L Raj	Factors affecting early cochlear implantation in children	Dr. Geetha C
11.	Chinnarasu J	Audiological findings and non-audiological correlates in individuals with acoustic neuroma-a systematic review	Dr. Devi N
12.	Gayathri K	Examining the consequences of auditory neuropathy spectrum disorder from multidimensional perspective: An exploratory study using ICF classification	Dr. Prashanth Prabhu P Co-guide: Nisha K V
13.	Gowthami B N	Intelligibility and quality of hearing aid processed speech: An objective comparison of prescriptive formulae	Dr. Nisha K V
14.	Gurpreet	Cochlear impairment in individual with chronic renal dysfunction- a systematic review	Dr. Sreeraj K
15.	Harshada	Speech perception in noise in musicians- a systematic review	Dr. Ajith Kumar U
16.	Jayasree	Assessment of self-perceived skill set in clinical audiological evaluation among students of B.ASLP and masters in Audiology	Dr. Sandeep M
17.	Malavika	Parental stress in caregivers/ parents of hearing impaired children: An exploratory study using ICF classification	Dr. Nisha K V
18.	Monisha C	Auditory working memory measures in children with hearing impairment-a systematic review	Dr. Devi N
19.	Nayana	Evaluation of current practice in online tinnitus management among audiologists in India; a questionnaire-based study	Dr. Mamatha N M
20.	Nethra R	Effect of long term cochlear implant use on education and occupation: A systematic review	Dr. Geetha C
21.	Nikhilesh H C	Pitch perception in infants and children-a systematic review	Dr. Devi N
22.	Parmar Akshay	Translation and validation of APHAB (Gujarati version) for evaluating hearing aid benefits in adults	Dr. Mamatha N M

Sl. No.	Candidate	Topic	Guide
23.	Pooja	The outcomes of speech audiometry in various stages of Meniere's disease: a retrospective study	Dr. NirajKumar Singh
24.	Rhydhm	Test-retest reliability of pure tone audiometry from 250hz to 16khz	Dr. NirajKumar Singh
25.	Ritwik	A retrospective study on audiological profiling of individual with age related hearing loss	Dr. Animesh Barman
26.	Rohit	Influence of BPPV and md in cognitive abilities : A questionnaire based study	Dr. Animesh Barman
27.	Sahana M B	A study of polar plots of microphones in hearing aids- an electroacoustic verification	Dr. Manjula P
28.	Sahil	Comparison of hearing aid processed output of phonemes across different models and types of hearing aids.	Dr. Animesh Barman
29.	Sajana Aryal	Exploring the Neuroaudiological pathophysiology of misophonia-a systematic review	Dr. Prashanth Prabhu P
30.	Sandeep	A survey on the screening and diagnosis criteria of the auditory processing disorder in India	Dr. Chandni Jain
31.	Sanjay	Assessment of satisfaction and compliance with hearing aids procured under HDDU	Dr. Sandeep M
32.	Shashish Ghimire	Vestibular test findings on auditory neuropathy spectrum disorders: A systematic review	Dr. Sujeet Kumar Sinha
33.	Shubam	Translation and validation of the self-administering vestibular disorder activities of daily living scales (VADL)	Dr. Mamatha N M
34.	Sonam	Immittance measurements in individuals with Meniere's disease: A retrospective study	Dr. NirajKumar Singh
35.	Supriya Mathew	A systematic review on imaging findings in auditory neuropathy spectrum disorder	Dr. Chandni Jain
36.	Sushmitha Upadhya	A systematic review on the effect of cochlear implantation on cognition in children	Dr. Geetha C
37.	Teja G	Characteristics of subjective tinnitus in individuals with noise induced hearing loss (NIHL) - a systematic review	Dr. Sreeraj K

Sl. No.	Candidate	Topic	Guide
38.	Varsha	Relationship between motion sickness and peripheral vestibular dysfunction- A systematic review	Dr. Sujeet Kumar Sinha
39.	Vibha Vinod	Comparison of nominal and measured compression thresholds and compression ratios in hearing aids, using electroacoustic measures	Dr. Manjula P
40.	Yoshita Sharma	Comparison of SCAP-a outcomes between young and elderly adults with normal hearing sensitivity	Dr. Sandeep M
Speech-Language Pathology			
41.	Aiswarya Sooraj	Master your concepts in vocal fold paralysis: A question bank for the learner	Dr. R. Rajasudhakar
42.	Akash C	Vocal symptoms and psychological stress among school teachers in Mysuru: Consequences of shifting from offline to online mode	Dr. T. Jayakumar
43.	Alfiya Khaleel	Self-perceived speech communication issues in students of speech-language pathology with and without nose and mouth covering respiratory protective masks	Dr. T. Jayakumar
44.	Amit Shaw	The effect of humming on EGG parameters in young phononormic adults	Dr. K Yeshoda
45.	Arzoo Shariff	Adaptation and validation of CHAOS questionnaire for Indian preschool children	Mr. Freddy Antony Co-Guide: Dr. Hema N
46.	Athira V	Adaptation and validation of voice disorder outcome profile (V-DOP) in Malayalam language	Dr. T Jayakumar
47.	Audrey Joyner Dsouza	Expectations from stuttering therapy: Qualitative content analysis of client's perspective in kannada speaking adults who stutter	Dr. M Santosh
48.	Ayisha Nazir K	A scientometric review of articles published in the Journal Aphasiology in the year 2020	Dr. S P Goswami
49.	Bhavani Venkatachalam	Comparative study between grid-based and visual scene display based AAC systems in children with cerebral palsy	Dr. Ajish K Abraham Co-Guide: Dr. Reuben Thomas Varghese

Sl. No.	Candidate	Topic	Guide
50.	Chandana S	Development and validation of functional assessment questionnaire for school-age children with specific learning disability based on ICF-CY	Dr. Jayashree C S
51.	Chheda Yasha Jitendra	Exploring feeding practices in typically developing young children in 3 districts of Maharashtra- a preliminary survey	Dr. Swapna N
52.	Darshita K	Effect of chemical substance exposure on voice	Dr. R. Rajasudhakar
53.	Darsitha S Alias Sneha S	Development of an automatic speech processing based procedure for assessment of stuttering in Malayalam speaking adults through virtual mode	Dr. Ajish K Abraham Co-Guide: Dr. Sangeetha Mahesh
54.	Delvin Devassia	Development and validation of an online based flipbook on childhood communication disorders in Malayalam for school teachers	Dr. N Sreedevi
55.	Devika Vijayan	Everything you ought to know on laryngo-pharyngeal reflux disease (LPRD) - a question bank for the learner	Dr. R Rajasudhakar
56.	Erica Mavis	Vocal fatigue in speech-language pathologists: An enquiry using vocal fatigue Index-Version 2 (VFI-2)	Dr. Yeshoda K
57.	Gopika Vinod	A Scientometric review of articles published in the Journal Aphasiology in the year 2018	Dr. S P Goswami
58.	Guru Vignesh	Articulation abilities of children with hearing impairment using hearing aids and cochlear implants: A comparison in Telugu	Dr. N Sreedevi
59.	Haripriya T	A scientometric review of articles published in the Journal Aphasiology in the year 2021	Dr. S P Goswami
60.	Hiba Sherin	Adaptation and validation of overall assessment of speaker's experience of stuttering-adult (OASES-A) in Malayalam language	Dr. Sangeetha M
61.	Hithaishini C N	Development and validation of picture stimuli for speech elicitation in 2-5 year-old children	Dr. Sangeetha M
62.	Ilakkiya T	Development and validation of online cognitive-linguistic training manual in English for children with learning disability	Dr. Jayashree C S

Sl. No.	Candidate	Topic	Guide
63.	Jahnavi A	Parental perspective on stuttering: A qualitative content analysis	Dr. M. Santosh
64.	Kale Ankita Deepak kumar	Development and validation of visual scene image dataset for Indian AAC users	Dr. Reuben Thomas Varghese Co-Guide: Dr. R Rajasudhakar
65.	Khateeja Naadia	Adaptation and validation of bedside WAB-R in Kannada for persons with aphasia	Dr. Hema N
66.	Kiruthika S	Survey of knowledge and awareness regarding autism spectrum disorder among parents in Neyveli township, Cuddalore district of Tamil Nadu.	Dr. Anjana B Ram
67.	Lunavath Swarna Naik	Exploring feeding practices in typically growing young children in three districts of Telangana: A preliminary survey	Dr. Swapna N
68.	Madhurya B S	Development and validation of home training manual for persons who stutter in Kannada language	Dr. Sangeetha M
69.	Mudra Prakash Dudwarkar	Adaptation and validation of bedside WAB-R in Marathi for persons with aphasia	Dr. Hema N
70.	Navya Belpu	The effects of yoga on voice - a systematic review	Dr. K Yeshoda
71.	Prakruthi V Jagatap	Code mixing and code-switching in Kannada English bilingual children	Dr. Jayashree C S
72.	Prerna Jain	Exploring feeding practices in typically growing young children in three districts of Chhattisgarh: A preliminary survey	Dr. Swapna N
73.	Swarna Lunavath	Exploring feeding practices in typically developing young children in three districts of Telangana- A preliminary survey	Dr. Swapna N
74.	Ranjeet Gupta	Intervention techniques for speech sound disorder: A systematic review	Dr. N Sreedevi
75.	Shinde Vrushali Madhukar	Development of articulation drill book for persons with cleft palate in Marathi	Dr. M Pushpavathi
76.	Sruthi Ramesh K	A content analysis of youtube videos related to stuttering	Dr. M Santosh
77.	Sujisha M S	Development of a screening checklist to assess problem behaviors in children with communication disorders	Mr. Freddy Antony Co-Guide: Dr. Yeshoda K

Sl. No.	Candidate	Topic	Guide
78.	Swathi C	Parent's acceptance, experience, challenges and expectancy factors of AAC intervention for children with Autism spectrum disorder.	Dr. Reuben Thomas Varghese Co-Guide: Dr. T Jayakumar
78.	Swathi S Sanjeevan	Development and validation of impact of stuttering treatment on quality of life (IST-QL): Post therapy assessment	Dr. Anjana B Ram
79.	Trupti Lata Baral	Adaptation and validation of bedside WAB-R in Hindi for persons with aphasia	Dr. Hema N
80.	Yasha Chedda	Exploring feeding practices in typically developing young children in three districts of Maharashtra- A preliminary survey	Dr. Swapna N

Scientific Presentations

The faculty, staff and students of the Institute presented the following papers in scientific conferences and seminars during the reporting year.

1. Abraham, A.K. (2021). *Image-Based Assessment of Jaw Parameters and Jaw Kinematics for Articulatory Simulation: Preliminary Results*. Paper presented at Interspeech 2021 at Brno, Czech Republic.
2. Aishwarya N., Varsha Elizabeth Sam., Shashish Ghimire., Sujeet Kumar Sinha (2022). *Test-retest reliability of suppression Head impulse paradigm (SHIMP) test*. Paper presented at the 53rd ISHACON, AIISH, Mysuru.
3. Aishwarya N., Varsha Elizabeth Sam., Shashish Ghimire., Sujeet Kumar Sinha (2022). *The vestibule-ocular reflex gain difference in auto-calibration and manual calibration using Head impulse paradigm (HIMP) and suppression head impulse paradigm (SHIMP) in normal individuals*. Paper presented at the 53rd ISHACON, AIISH, Mysuru.
4. Alok Kumar Upadhyay (2022). *Preparedness of Educators to maintain Equity, Equality and accessibility of Learning resources for children with hearing impairment*, a paper presented at the One-day International E-Conference on Innovative Trends in Teaching, Learning and Assessment, organised by Institute of Professional Excellence and Management in collaboration with Global Education Research Association, New Dehli.

5. Amulya, P.R., Pratima, S. & Sreedevi, N. (2021). *Frequency of consonant production errors in children with speech sound disorder: A retrospective descriptive study*. Paper presented at the 3rd SHAIWBCON, AYJNISHD, Regional Centre, Kolkata.
6. Ananya, K., Aishwarya, B., Mayuri Rao., Devi. N., Nisha, K. V., (2021). *Survey on hearing-related issues in children attending online classes*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
7. Anju R., Devi, Vijayalakshmi & Jayashree C. Shanbal (2021). *Effect of Tele-Rehabilitation on Speech and Swallowing Skills in Siblings with Ataxia-Telangiectasia- Case Study*. Paper presented at the Telemedicon 2021, Lucknow.
8. Antony, J.P. (2021). *A survey on protocol used for measuring outcomes after cochlear Implantation in children in India*. Paper presented at the Cochlear implant Group of India Conference 2021, Bengaluru.
9. Anu, P., Jyothi, R. & Sangeetha, M. (2022). *Efficiency and challenges of the articulation in persons with stuttering*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
10. Aparna K. M., Namitha K, Alka G. & Prabhu, P. (2022). *Assessment of binaural integration and temporal ordering in singers and non-singers*. Paper presented through virtual mode at the International symposium of Frontiers of Research in Speech and Music, Pune.
11. Arunraj, K., Sreedevi, N., Christy Sebastian & Vasanthalakshmi, M.S. (2021). *An Epidemiological study on Noise induced hearing loss in India*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
12. Arunraj, K., Srividya, S., Ankitha, S., Spoorthi, T., Vasanthalakshmi, M.S., Sreedevi, N. & M Pushpavathi (2021). *Prevalence of communication disorders among school children and adolescents in southern Karnataka*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
13. Ashish Kumar Gupta, Yashwanth Kumar, Rajesh Kumar, Niraj Kumar Singh (2022). *The effect of middle ear resonance and absorbance on frequency tuning of cervical vestibular-evoked myogenic potentials*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.

14. Ayishath, R., Apoorva, G., Aswathy, R. N., Vikas, M. D., & Chandni Jain. (2021). *Importance of test battery in the diagnosis of ANSD*. Paper presented at AUDISHCON 2021, Bengaluru.
15. Brajesh Priyadarshi (2021). *Development and Standardization of Sentences of Auditory Language Processing*. Paper presented at the 43rd International Conference of the Linguistic Society of India, Mysuru.
16. Chaithra, M., Rajesh Kumar., Kumari Apeksha., Vipin, P.G., Niraj Kumar Singh. & Prawin Kumar (2022). *Sub-cortical processing of speech in individuals with controlled type 2 Diabetic mellitus*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
17. Devi Vijayalakshmi, Anju R., & Jayashree C Shanbal (2021). *Tele-rehabilitation in a Patient with Motor Neurone Disease- A Case Study*. Paper presented at the Telemedicon 2021, Lucknow.
18. Deepashree Ramachandra., & Ajith Kumar, U. (2022). *Relationship between auditory brainstem responses and red-blood cell indices in new-born babies*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
19. Divya, S., & Sangeetha, M. (2022). *Adaptation and validation of overall assessment of speakers experience of stuttering in adults who stutter to Kannada language*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
20. Diya, E.S.D., Hidaya, J., Diya, M. & Prabhu, P. (2022). *Maturation of binaural integration abilities: A cross sectional study across age*. Paper presented through virtual mode at the International symposium on Audiological Medicine.
21. Fathima, T P O., Aswathy R N., Fathima, S S A P. & Prabhu, P. (2022). *Maturation of Temporal Ordering Abilities – A Cross Sectional Study Across Children, Adolescents and Adults*. Paper presented through virtual mode at the International symposium of Frontiers of Research in Speech and Music, Pune.
22. Ganeshan, A. & Prabhu, P. (2021). *Effectiveness of hearing aid amplification strategies for perception of music*. Paper presented at the 16th International Conference on Music processing and Cognition, Sheffield, UK.

23. Hannah Thomas & Mamatha N.M. (2021). *Tele rehabilitation for a child with hearing loss*. Paper presented at the Telemedicon 2021, Lucknow.
24. Hema, N., Aameena, S. & Prabhu, P. (2022). *Comparison Binaural Integration Abilities Between Guitarists and Vocalists – A Cross Sectional Study*. Paper presented through virtual mode at the International symposium of Frontiers of Research in Speech and Music, Pune.
25. Hemanth, K. S., Ines, P., Gowri, J. S., Havya, S. M., Devi, N. & Jyothi, S. (2021). *Survey on the adverse effect of use of mask due to COVID-19 pandemic on speech perception in children with hearing impairment*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
26. Hemanth Kumar, S., Havya sree, M., J.S Gowri., Ines Parvin. & Devi, N. (2022). *Questionnaire based survey on adverse effect of the use of mask due to Covid-19 pandemics on speech perception in adults*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
27. Indira, C.P., & Sandeep Maruthy (2022). *Qualitative analysis of help seeking behavior for pediatric hearing in India reveals three A's*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
28. Jayashree C Shanbal, & Archana U (2021). *Polyglot aphasia secondary to left Fronto – Parietal Tumor: A case study on tele-rehabilitation*. Paper presented at the 59th Annual meeting of Academy of Aphasia, USA.
29. Jayashree, S., Prakash Boominathan., & Ajith Kumar, U. (2022). *Do preterm infants exhibit set-backs in auditory development?*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
30. Joanna, K. B. & Prathima, S. (2021). *Oral-motor and speech therapy for young onset parkinson's disease: A case study*. Paper presented at the 4th Asia Oceanian Congress on Neuro Rehabilitation, Mumbai.
31. Jyothi, S., Maruthy, S., Barman, A. (2021). *Comparison of articulation rate and speech rhythm between child-directed speech versus adult-directed speech*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
32. Kalarikkal, G., Jayasree, G. K., Bahis, A., Nisha, K. V. & Prabhu, P. (2021). *A probe into problems and life effects in auditory neuropathy spectrum disorder using the ICF classification*. Paper presented at the 8th International

Symposium on Auditory and Audiological Research, Technical University of Denmark, Denmark.

33. Karuppannan, A. (2021). *Wideband absorbance tympanometry in ears with middle ear effusion and tympanic membrane perforation*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
34. Krithi Arora., Sandeep Maruthy (2022). *Effect of type of stimuli on the benefit derived from Envelope enhancement of speech in individuals with auditory neuropathy spectrum disorder (ANSO)*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
35. Kumar, A. U. & Gafoor, A.S. (2021). *Articulatory Rehearsal Auditory Working Memory performance: Effect of oral Anesthesia*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
36. Kumar, P., Vikas, M. D. & Nivedha, R. (2021). *Comparison of preferred number of channels of hearing aids across different age groups*. Paper presented at the 8th International Symposium on Auditory and Audiological Research, Technical University of Denmark, Denmark.
37. Kumar., P, Singh, N. K., Keshar., N. K., Kasera., S. & Nayana, M. (2021). *Saturation of map parameters in children with cochlear implants: effects of time since implantation and age*. Paper presented at the 18th Cochlear implant Group of India Conference, Bengaluru.
38. Lokwani, P. & Nisha, K.V. (2021). *Consequences of varying onset of auditory neuropathy spectrum disorder on acoustical and perceptual quality of voice*. Paper presented at the 1st AIISH Audiology Convention, Mysuru.
39. Malavika P., Gayathri K., Nisha KV. & Prashanth Prabhu, P. (2022). *Parental stress in caregivers/Parents of hearing impaired children: An exploratory study using ICF classification*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
40. Manohar, N. (2021). *Efficiency of computerized trainings for Kannada speaking children with hearing impairment*. Paper presented at the Kannada Vignana Sammelana, Mangalore.

41. Manasa, A.S., & Sangeetha, M. (2022). *Treatment outcome of group therapy project in adults who stutter using computerized therapy material*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
42. Mayuri Rao, Simran Banga, Usha Devadas, & Santosh Maruthy. *Carnatic Classical Singers' interest and Knowledge Levels of Vocal Function and Dysfunction: A Cross-sectional Survey*. Paper presented through virtual mode at the International Symposium on Frontiers of Research in Speech and Music, Pune.
43. Megha, & Jawahar Antony, P., (2021). *Profile of Audiological assessment for cochlear implant candidacy in children in India*. Paper presented at the 18th Cochlear implant Group of India Conference, Bengaluru.
44. Muthu Karthik, L., Sreeraj, K., Nisha, K.V. (2022). *An exploratory study on problem and life effects in individuals with noise induced hearing loss: An ICF based study*. Paper presented through virtual mode at the National hearing Conservation Association (NHCA 2022).
45. Muthu Karthick, L., Nisha, K.V., Spoorthi, T. (2022). *Awareness of role of Audiologist in hearing health care: A survey among rural health care workers*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
46. Nayana, M. & Prawin Kumar (2022). *Relationship between voice emotion recognition and psychoacoustic measures in individuals with hearing impairment*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
47. Nisha, K.V., Devi, N. & Nishanth, N. (2021). *Musicality: Innateness and predictors*. Paper presented at the 16th International Conference on Music Processing and Cognition, Sheffield, UK.
48. Parmar, A., Shiju, A. M., Naina, J. & Prabhu, P. (2021). *Do musicians have better binaural auditory processing: An exploratory cross-sectional study*. Paper presented at the 16th International Conference on Music Processing and Cognition, Sheffield, UK.
49. Prashanth, R., (2021). *Mothers of children with communication disorders – Basic awareness on government measures*. Paper presented through virtual mode at the International conference on Women Empowerment Language Studies And Social Sciences 2020-22.

50. Prathibha, A.K.S., Nisha, K.V. & Kumar, A.U. (2021). *Evaluation of hearing aid benefit in children with ANSD and SNHL*. Paper presented at the 8th International Symposium on Auditory and Audiological Research, Technical University of Denmark, Denmark.
51. Prithi, V. & Anil A (2022). *Challenges faced by teacher_trainees in Skill Acquisition during the COVID-19 pandemic*. Paper presented at the 9th Online National Conference on Inclusive Education held on 21st and 22nd March 2022, Tata Institute of Social Sciences, Mumbai and the Brotherhood, New Delhi.
52. Rajesh Kumar., Niraj Kumar Singh (2022). *The effect of electrode montage on Air-conducted ocular vestibular-evoked myogenic potential: normative values and test-retest reliability*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
53. Raveendran, E. R., Mayuri Rao, R., Nidha, K., Namitha, K., Nisha, K.V., & Prabhu, P. (2021). *Audiological profiling in an adolescent female post-kawasaki disease*. Paper presented at the AUDISHCON 2021, Bengaluru.
54. Roja Rani, M., Swapna, N., & Syam Krishna, V. (2022). *Effortful swallow training: impact on labial strength and endurance and swallowing capacity in typical young adults*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
55. Sabin Sharma, Archana U. & Jayashree C Shanbal (2021). *Oro-pharyngeal dysphagia in parkinsonism: A case study on tele-rehab*. Paper presented at the Telemedicon 2021, Lucknow.
56. Sahana V., & Ajith Kumar (2022). *Middle ear muscle reflex in normal-hearing individuals with occupational noise exposure*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
57. Sandeep Kumar., Banumathi., Supriya Mathew., Kishore Tanniru., Chandni Jain (2022). *Comparison of various psychoacoustic measures using two software: PSYCON and maximum likelihood procedure in MATLAB*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
58. Sanjana, & Nisha, K.V. (2021). *Exploring the difference in auditory special processing between instrumental and vocal musician's*. Paper presented at the 16th International Conference on Music processing and Cognition, Sheffield, UK.

59. Seth, D. & Maruthy, S. *Parent-related outcome measures for intervention of stuttering in preschool children who stutter.* Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
60. Shalabha Ammu Mathew., Arena Varan., Jyothi, S., Devi, N., Nisha, K V. (2022). *Survey on Parental Satisfaction on tele and face-to-face listening therapy during Covid-19 Pandemic.* Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
61. Shezeen Abdul Gafoor., & Ajith Kumar, U. (2022). *Interactions within the human auditory efferent system.* Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
62. Singh, N. K. (2021). *Identifying safe stimulus Intensity for Recording Cervical Vestibular-Evoked Myogenic.* Paper presented at the 1st AIISH Audiology Convention, Mysuru.
63. Sreedevi, N. (2021). *Pre and post-natal risk factors for communication disorders.* Paper presented at the National Women's Science Congress, Bengaluru.
64. Sridhar, S., Sushma, M., Nisha, K. V., & Pushpavathi, M. (2021). *Top down and bottom-up Auditory Processing in Children with Consequences of varying onset of Auditory Neuropathy Spectrum Disorder on Acoustical and perceptual Quality of Voice.* Paper presented at the 1st AIISH Audiology Convention, Mysuru.
65. Syam, K., Kusuma, & Gayathri, K. (2022). *Awareness of safe feeding practices among expecting and new Indian mothers: A tele-survey.* Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
66. Tanuja, M.N., & Prawin Kumar (2022). *Speech perception in noise among individuals with type 2 Diabetes Mellitus.* Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
67. Thammaiah, S. (2021). *Meningitis with hearing loss post COVID 19: A single case study.* Paper presented at AUDISHCON 2021, Bengaluru.
68. Umashankar, A., Bhatarai. P., Saranya, M. & Prabhu, P. (2021). *Evaluation of envelope regularity discrimination abilities in musicians and non-musicians.*

Paper presented at the 16th International Conference on Music processing and Cognition, Sheffield, UK.

69. Vaishnavi Ramadas., Ramya V., Ajith Kumar, U. (2022). *Perception of Tamil matrix sentence test in noise by normal hearing young adults*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
70. Vasupradaa, M., Manchaiah, V., & Maruthy, S. Positive experiences related to stuttering: A qualitative content analysis. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
71. Vikas, M D., Nisha, K V., Gowthami, B. (2022). *Effect of Covid on communication strategies adopted by older hearing aid users*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
72. Vinayagar, P T., & Sujeet Kumar Sinha (2022). *Assessment of vestibular system in individuals with chronic supportive otitis media (CSOM) using subjective visual vertical (SVV) test and Dizziness Handicap Inventory (DHI)*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
73. Vineetha Sara Philip & Goswami, S.P. (2021). *Effect of grid size and grammatical category of referents on identification of symbols in persons with aphasia and neurotypical adults*. Paper presented at the 59th Annual Meeting of Academy of Aphasia, USA.
74. Yashaswini L. & Sandeep M. (2022). *Influence of musical abilities on categorical perception of music stimuli*. Paper presented at the 53rd ISHACON held at AIISH, Mysuru.
75. Yeshoda, K. Sreelakshmi, S. & Prabhu, P. (2022). *Evaluation of temporal processing abilities in individuals with hypertension*. Paper presented through virtual mode at the International Symposium on Audiological Medicine.

Scientific Publications

The faculty, staff and students of the Institute published the following papers in scientific journals during the reporting year.

1. Antony, J, P. & Barman, A. (2021). Auditory stream segregation with sinusoidally amplitude modulated tonal stimuli in individuals with sensorineural hearing loss. *Journal of Hearing Science*, 11(1), 31-39. <https://doi.org/10.17430/JHS.2021.11.1.3>.

2. Banerjee, N. & Prabhu, P. (2021). Evaluation of auditory stream segregation in individuals with cochlear pathology and auditory neuropathy spectrum disorder. *Auditory and Vestibular Research*, 30(3), 176-182.
3. Bhat, P.J. & Krishna, R. (2020). Pitch coding in vocalists and non-musicians to carnatic music stimuli: A frequency following response (FFR) study. *Journal of audiology & otology*, 25(3),131-137. <https://doi.org/10.7874/jao.2021.00115>.
4. Brajesh Priyadarshi & Goswami, S.P. (2021). Sequential acquisition of psycholinguistics and perceptual skills in Hindi speaking children. *Indian Linguistic Journal of the Linguistic Society of India*, 81 (3-4), 95-109.
5. Chundu, S., Allen, P, M., Han, W., Ratinaud, P., Krishna, R. & Manchaiah, V. (2021). Social representation of hearing aids among people with hearing loss: an exploratory study. *International Journal of Audiology*, 60 (12), 964-978. <https://doi.org/10.1080/14992027.2021.1886349>.
6. Darshan, H.S. & Goswami, S.P. (2021). Statistical learning and its consolidation in persons with aphasia. *Journal of Clinical Archives of Communication Disorders*, 6(1), 28-38.
7. Devi, N., Fakruddin, D. B., Nagaraju, B., Belpu, N., Raj, B. L. & Ravi, J. A. (2021). Comparison of responses of parents of hearing and hearing impaired children for the questionnaire 'awareness of aspects related to hearing'. *International Journal of Contemporary Pediatrics*, 8998 - 1005. <https://doi.org/10.18203/2349-3291.ijcp20212038>.
8. Geetha, C., Sharath Kumar, K. S., Manjula, P. & Pavan, M. (2021). Assessment of the clinical utility of the sentence identification test in Kannada for adults. *Journal of Hearing Science*, 11(3), 32-37. <https://doi.org/10.17430/JHS.2021.11.3.4>.
9. Geetha, C., Devi, N. & Ravirose, U. (2022). Development, standardization, and validation of bisyllabic phonemically balanced Tamil word test in quiet and noise. *Journal of Hearing Science* 11 (4), 42-47 DOi: 10.17430/JHS 20 21.22.4.5
10. Geetha, C., Chandni, J. & Keershi, S. P. (2022). relationship between auditory processing abilities and hearing aid benefit in elderly individuals with hearing impairment. *Auditory and Vestibular Research*, 31(3),1-14.
11. Girish, K.S., Pushpavathi, M., Abraham, A.K. & Vikram, C.M, (2022). Automatic speech processing software – New sensitive tool for the assessment

- of nasality: A preliminary study. *J Cleft Lip Palate Craniofac Anomal*, 9, 14-23.
12. Jain, C., Gangadharan, V. P. G., Basavaraja, K. C. & Lakshmi, A. (2021). Relationship between peripheral and central auditory abilities and iron deficiency anemia in adolescent girls. *American journal of Audiology*, 1-11. Advance online publication. https://doi.org/10.1044/2021_AJA-21-00036.
 13. Jayakumar, T., Rajasudhakar, R. & Jesnu, J.B. (2022). Comparison and Validation of Acoustic Voice Quality Index Version 2 and Version 3 among South Indian Population. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2022.02.019>.
 14. Kumar, P., Singh, N. K. & Hussain, R. O. (2021). Effect of speech in noise training in the auditory and cognitive skills in children with auditory processing disorders. *International Journal of Pediatric Otorhinolaryngology*, 146, 110735. <https://doi.org/10.1016/j.ijporl.2021.110735>.
 15. Kumar, D. S., Mahendra, S., Devi, N. & Jain, C. (2021). Medial olivocochlear functioning and speech perception in noise in individuals with polycystic ovary syndrome. *Journal of Indian Speech, Language Hearing Association*; 35:39-43.
 16. Manchiah, V., Nisha, K.V., Prabhu, P., Granberg, S., Elin, K., Gerhard, A. & Eldre, WB. (2021). Examining the consequences of tinnitus using the multi-dimensional perspective, *Acta Oto-Laryngologica*, <https://doi.org/10.1080/00016489.2021.2019307>.
 17. Manjunath, S., Pushpavathi, M. & Sankar, R.G. Impact of articulation therapy on perceptual characteristics of bilabials in children with repaired cleft lip and palate. *J Cleft Lip Palate Craniofac Anomal* 9,7-13.
 18. Nair, C.B., Nayak, S., Maruthy, S., Krishnan, J.B. & Devadas, U. (2021). Prevalence of voice problems, self-reported vocal symptoms and associated risk factors in call center operators (CCOs): A systematic review. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2021.07.022>.
 19. Neelesh, B., Krishna, R. & Kumar, V. (2021). Impact of more than three years of Carnatic music training on the working memory: an ERP study. *Hearing Balance and Communication*, 19(3), 1-8. <https://doi.org/10.1080/21695717.2021.1943782>.

20. Nisha K.V., Sanjana, M., Rohit, V.S., Krishna, R. & Prabhu, P. (2021). Profiles and predictors of auditory functioning in abacus-trained children. *International Journal of Pediatric Otorhinolaryngology*, 142. 110608. <https://doi.org/10.1016/j.ijporl.2021.110608>.
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22. Nisha, K. V., & Kumar, A. U. (2022). Effects of Spatial Training Paradigms on Auditory Spatial Refinement in Normal-Hearing Listeners: A Comparative Study. *Journal of audiology & otology*, 10.7874/jao.2021.00451. <https://doi.org/10.7874/jao.2021.00451>.
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Books / Book Chapters

The faculty, staff and students of the Institute published the following books and book chapters during the reporting year.

1. Brajesh Priyadarshi, Goswami, S.P., Shilpa, N. & Srushti, S. (2021). *An Adaptation of Bankson's Language Screening Test in Hindi, (BLST: H)* All India Institute of Speech and Hearing.
2. Gopi Sankar (2021). *Referral sources, medical examination and team approach; Protocol for voice assessment: components and philosophies (ICF, ICD); Principles of instrumental measurements*, Indian Speech and Hearing Association.
3. Goswami, S. P., Spoorthy, N. & Gayathri K. (ed.) (2021). *Community Integration Questionnaire-Revised*. All India Institute of Speech and Hearing, Mysuru.
4. Gupta, S. K. (2021). *Meditation, Mindfulness, and Mental Health: Opportunities, Issues, and Challenges*. In S. K. Gupta (Ed.). (2021). *Handbook of Research on Clinical Applications of Meditation and Mindfulness-Based Interventions in Mental Health*. Hershey, PA: IGI Global.
5. Gupta, S.K. (Ed.). (2021). *Handbook of Research on Clinical Applications of Meditation and Mindfulness-Based Interventions in Mental Health*. Hershey, PA: IGI Global.
6. Hema N., & Yashaswini B.C. (2021). *Primary Progressive Aphasia*. Aphasia Compendium.

7. Nandeesha, B. (2022). *Social Media Tools in Modern Library and Information Services*. In Upasana Yadav (Ed.), *Change in Librarians Core Competencies during the Pandemic*(pp.119-128). New Delhi, DPS Publishing House.
8. Prabhu P.P. (2021). *Mindfulness-based therapy in the management of Tinnitus*. In S. Gupta (Eds.), *Handbook of Research on Clinical Applications of Meditation and Mindfulness-Based Interventions in Mental Health* (pp. 175-183). IGI Global. <https://doi.org/10.4018/978-1-7998-8682-2.ch011>.
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12. Swapna N & Prathima S,. (2021). Jollu suriyuvudhannu niyantrisalukarya tantragalu: Poshakaru mattu chikitsakrige mahiti kaipidi. All India Institute of Speech and Hearing.
13. Vasantha Lakshmi, M.S., Swapna, N., Arunraj, Prawin Kumar, Sreedevi, N., Thasni, Aparna & Reshma, O. (2022). *Elderly screening: Distribution of communication disorders in older and elderly adults*. All India Institute of Speech and Hearing.
14. Vasantha Lakshmi, M.S., Dr. Sreedevi, N., Arunraj, Sandeep, M., Spoorthi, T., Srividya & Ankitha (2022). *School screening report on communication disorders: At-risk prevalence rate of hearing and speech language disorders in school children*. All India Institute of Speech and Hearing.
15.Newborn screening report (yet to get the information from POCD)

CLINICAL CARE

Patient Registration

Totally 16,973 new clients were registered for availing clinical services at the institute during the reporting year. In addition, 30,133 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 (16309) were from Karnataka, the state in which the institute is located, followed by the neighboring states of Kerala (328), Tamil Nadu (105), and Andhra Pradesh (74). Also, there were clients from Bangladesh, Saudi Arabia, UAE, U.K, and USA. The clients include 10411 males and 6562 females.

Table 1: Geographical & gender-wise distribution of new clients

Sl. No	Locality	Male	Female	Total
1.	Andra Pradesh	52	22	74
2.	Assam	8	3	11
3.	Bihar	20	5	25
4.	Delhi	2	2	4
5.	Goa	2	0	2
6.	Gujarat	3	0	3
7.	Hariyana	3	1	4
8.	Himachal Pradesh	2	1	3
9.	Jarkhand	5	0	5
10.	Karnataka	9948	6361	16309
11.	Kashmir	1	0	1
12.	Kerala	232	96	328
13.	Madhya Pradesh	2	3	5
14.	Maharastra	10	10	20
15.	Manipur	1	0	1
16.	Mizoram	0	1	1
17.	Orissa	7	4	11
18.	Punjab	0	1	1
19.	Rajasthan	8	1	9
20.	Tamil Nadu	69	36	105
21.	Telangana	7	4	11
22.	Union Territories	2	2	4
23.	Uttar Pradesh	11	4	15
24.	Uttaranchal	1	1	2
25.	West Bengal	10	4	14
26.	Overseas	5	0	5
Total		10411	6562	16973

Speech and Language Assessment and Rehabilitation

Totally, 5040 clients underwent speech and language evaluation which include 3847 new and 1193 review cases. Assessment of 80 new and 168 review cases was carried out in virtual mode and 3767 new and 1025 review cases in physical mode. Of the new cases, 3736 persons were identified with various kinds of speech and language disorders and 111 were found to have normal speech. Whereas, of the 1200 review cases, 1185 persons were with various disorders, and the remaining 15 were normal. Totally, 4797 cases were evaluated physically and 248 virtually. The details are given in tables 2 to 3 and figures 1 to 2.

Table 2 : Assessment of Speech-Language Disorders (Physical mode)

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 2021	127	24	2	12	6	0	2	7	4	9	5	1	2	0	0	5	1	1	208	
May 2021	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
June 2021	33	4	0	5	2	0	0	1	2	1	4	1	2	1	0	4	1	0	61	
July 2021	204	22	4	23	9	0	3	13	3	12	5	1	10	3	0	12	3	0	327	
Aug 2021	229	38	6	24	8	0	5	9	9	14	5	4	4	1	0	4	3	3	366	
Sept 2021	225	24	8	35	11	0	3	14	5	29	8	2	7	1	0	2	2	2	378	
Oct 2021	234	31	16	29	12	1	6	10	6	18	6	1	2	0	0	5	7	1	385	
Nov 2021	210	23	5	18	7	0	0	9	6	27	5	2	24	1	1	2	6	0	346	
Dec 2021	319	85	14	23	9	0	3	14	6	18	5	0	15	3	1	4	7	0	526	
Jan 2022	193	43	3	8	12	0	1	18	6	9	4	1	26	5	1	0	3	1	334	
Feb 2022	214	27	10	24	8	0	1	11	7	14	5	1	32	4	1	7	6	1	373	
March 2022	297	49	0	9	9	0	2	12	8	11	4	0	30	9	0	7	8	2	457	
Total	2289	371	69	210	93	1	26	118	62	162	56	14	154	28	4	52	47	11	3767 (N) + 1030 (R)	
Disorder Wise	2729 (N)+ 844 (R)			304 (N)+ 32 (R)			206 (N)+ 22 (R)			232 (N) + 48 (R)			186 (N) +69(R)			110 (N)+15(R)				
Over All	4797																			

C- Child, A-Adult, G-Geriatric, N-New cases, R-Review cases

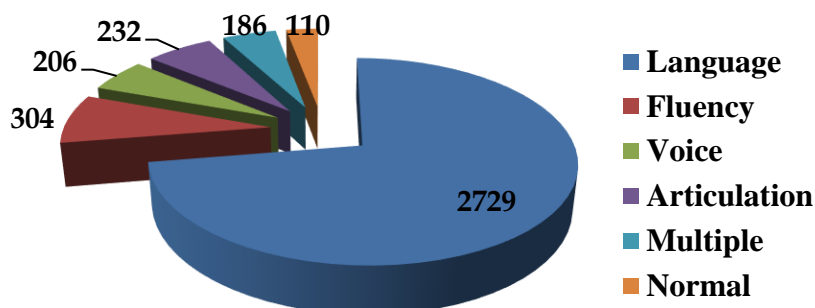


Figure: 1 – Assessment of Speech-Language Disorders (New cases, disorder-wise – Physical mode)

Table 3: Assessment of Speech-Language Disorders (Virtual mode)

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 2021	8	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
May 2021	19	0	0	3	1	0	0	0	1	1	1	1	1	0	0	1	0	0	29
June 2021	18	2	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	24
July 2021	10	0	1	2	1	0	0	0	0	1	0	0	1	0	0	0	0	0	16
Aug 2021 to March 2022	-																		
Total	55	3	1	7	4	0	0	0	1	4	1	1	2	0	0	1	0	0	80 (N) + 168 (R)
Disorder Wise	59 (N)+119 (R)			11 (N)+12 (R)			1 (N)+2 (R)			6 (N) + 16 (R)			2 (N) + 19 (R)			1 (N)+0 (R)			
Over All	248																		

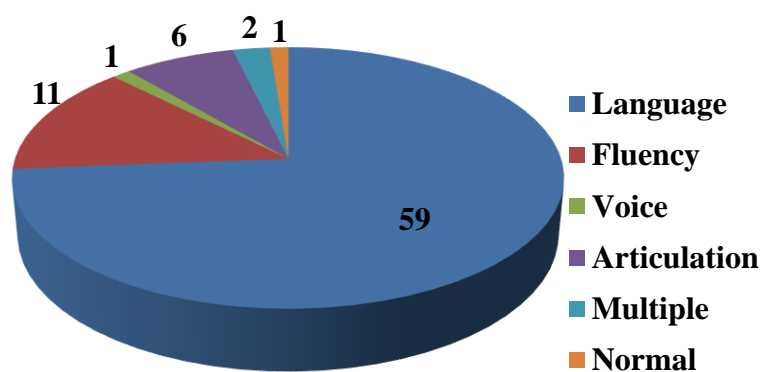


Figure: 2 – Assessment of Speech-Language Disorders (New cases, disorder-wise – Virtual mode)

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. In addition to the normal physical mode, the therapy sessions were conducted in virtual mode. A total of 2500 persons with speech/ language disorders underwent therapy in physical mode in 12191 sessions and 3413 persons underwent therapy in virtual mode in 16475 sessions during the reporting year. The details of disorder-wise therapy carried out are given in tables 4 to 5 and figures 3 to 4.

Table 4 : Speech-Language Therapy (Physical mode)

Disorders	Language Disorders			Voice Disorders			Articulation Disorders			Multiple Disorders			MSD			LD			Total	
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G		
April 2021	213	4	0	2	11	1	17	2	1	0	0	0	50	0	0	8	1	0	310	
May 2021	Therapy sessions were carried out in Virtual mode																			
June 2021																				
July 2021																				
Aug 2021																				
Sept 2021																				
Oct 2021	215	1	1	3	8	2	13	2	0	54	0	0	4	0	0	7	0	0	310	
Nov 2021	322	5	2	2	10	3	27	5	1	57	0	0	12	0	0	5	0	0	451	
Dec 2021	419	8	4	3	16	3	33	6	3	74	0	0	9	0	0	7	0	0	585	
Jan 2022	420	10	4	2	14	0	29	7	4	74	0	0	14	0	0	7	0	0	585	
Feb 2022	5	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	7	
Mar 2022	178	11	0	1	6	5	13	4	2	5	0	0	27	0	0	0	0	0	252	
Total	1772	39	11	13	65	14	133	26	11	264	0	0	117	0	0	34	1	0	2500	
Disorder Wise	1822			92			170			264			117			35				
Total no. of Cases	2500																			
Total no. of Sessions	12191																			

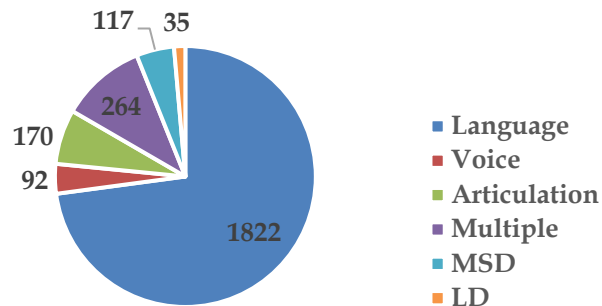


Figure 3: Overall disorder-wise Speech-Language Therapy (Physical mode)

Table 5: Speech-Language Therapy (Virtual mode)

Disorders	Language Disorders			Voice Disorders			Articulation Disorders			Multiple Disorders			MSD			LD			Total
Months	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	C	A	G	
April 2021	99	4	0	0	4	1	11	2	0	0	0	0	13	0	0	0	0	0	134
May 2021	199	8	3	2	5	3	30	8	4	0	0	0	57	0	0	10	0	0	329
June 2021	284	9	4	0	6	3	30	5	2	0	0	0	57	0	0	10	1	0	411
July 2021	310	11	5	3	6	3	32	7	2	46	0	0	12	0	0	9	2	0	448
Aug 2021	296	10	4	2	7	3	31	7	3	43	0	0	12	0	0	9	2	0	429
Sept 2021	155	3	3	1	8	2	18	5	0	27	0	0	7	0	0	3	0	0	232
Oct 2021	98	4	3	1	3	2	8	5	0	17	0	0	3	0	0	1	0	0	145
Nov 2021	1	3	3	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	10
Dec 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan 2022	376	8	4	1	10	2	27	5	4	67	0	0	9	0	0	4	0	0	517
Feb 2022	416	10	4	1	13	2	27	7	4	12	0	0	70	0	0	4	0	0	570
Mar 2022	137	7	0	0	8	1	8	3	2	3	0	0	18	0	0	1	0	0	188
Total	2371	77	33	11	71	22	222	56	21	215	0	0	258	0	0	51	5	0	3413
Disorder wise	2481			104			299			215			258			56			
Total no. of Cases	3413																		
Total no. of Sessions	16475																		

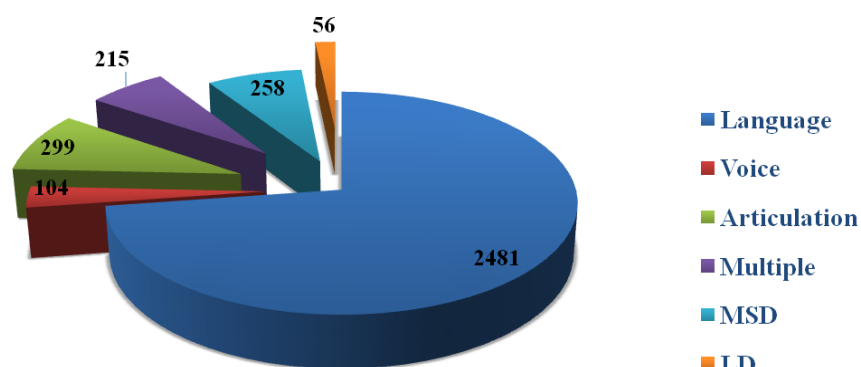


Figure 4: Overall disorder-wise Speech-Language Therapy (Virtual mode)

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 6.

Table 6 : Speech-Language clinical services at the DHLS Centres

Assessment						Therapy				
Centers	Language	Voice	Phonology	Fluency	MSD/ Dysphasia	Language	Voice	Phonology	Fluency	MSD/ Dysphasia
Mysore	117	04	06	07	02	151	-	-	-	-
Ranchi	25	03	11	13	01	29	14	13	30	-
New Delhi	160	180	80	50	29	320	220	190	40	-
Bhagalpur	30	02	05	07	-	80	19	28	35	-
Mumbai	388	03	03	06	15	463	03	05	13	02
Ajmer	299	110	133	121	32	119	115	49	70	13

Audiological Assessment and Rehabilitation

Hearing evaluations were carried out for the registered clients suffering from hearing problems. A total of 12841 persons were seen in the Audiology outpatient department and hearing evaluation was carried out for 10257 persons in the Hearing Evaluation section. Of the 10257 clients evaluated, 4094 were female and 6163 male. The details of the audiological evaluation are given in table 7.

Table 7: Hearing Evaluation

Sl.	Category	Total
1	Clients seen in Outpatient department	12841
2	Clients seen in camp	746
3	Hearing Evaluation	10257
4	Normal hearing	3302
5	Minimal	1939
6	Mild	2340
7	Moderate	3126
8	Moderately severe	2712
9	Severe	2171
10	Profound	2342
11	Minimal to mild	17
12	Mild to moderate	212
13	Moderate to severe	183
14	Moderately severe to severe	235
15	Severe to profound	866

16	Moderate to severe	312
17	Sloping	690
18	Ears tested having <ul style="list-style-type: none"> • Conductive hearing • Mixed hearing loss • Sensorineural hearing loss 	2346 3270 5748
19	Clients with unilateral hearing loss	1000
20	Clients with bilateral hearing loss	8074
21	Ears with auditory dys-synchrony	83
22	Clients with auditory processing disorder	7
23	Clients with functional hearing loss	53
24	Clients - tinnitus evaluation	191
25	Clients for Pure Tone Audiometry	8710
26	Clients for Speech Audiometry	5393
27	Clients for Immittance evaluation	9833
28	Clients for Otoacoustic Element	3236
29	Clients for Auditory Brainstem Response	2007
30	Clients for Vestibular Evoked Myogenic Potential	231
31	Clients for Video Head Impulse Tests	2
32	Clients for Behavioral Observation Audiometry	353
33	Clients for Visual Reinforcement Audiometry	89
34	Clients for LLR	7
35	Behavioral Vestibular Assessment	7

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 5557 and 2935 hearing aids were prescribed at AIISH. Of the 5557 clients evaluated, 2054 were female and 3503 male. The details are given in table 8 and figure 5.

Table 8: Hearing Aid Trial

Hearing Aid Trial	Total
No. of clients seen for Hearing Aid Trial	5557
Hearing aids prescribed at AIISH	2935
Clients seen in camp	170
• Body level hearing aids	4
• Analogue BTE hearing aids	1969
• Digital BTE hearing aids	2994
• Digital ITC hearing aids	23
• Digital CIC hearing aids	30
• Digital RIC hearing aids	487
• Testing for CI candidacy	107
No. of clients recommended	
Auditory training	716
Speech reading	228
Unaided/aided audiograms	148
Aided audiogram for Cochlear Implant	26
Behavioural Observation Audiometry	37
Aided Visual reinforcement Audiometry	41
Conditioning	398
Programming of digital Hearing Aid	2521
Reprogramming of Hearing Aid	1198
Retrial with Custom Earmold	71
Recommended for Cochlear Implant candidacy	111

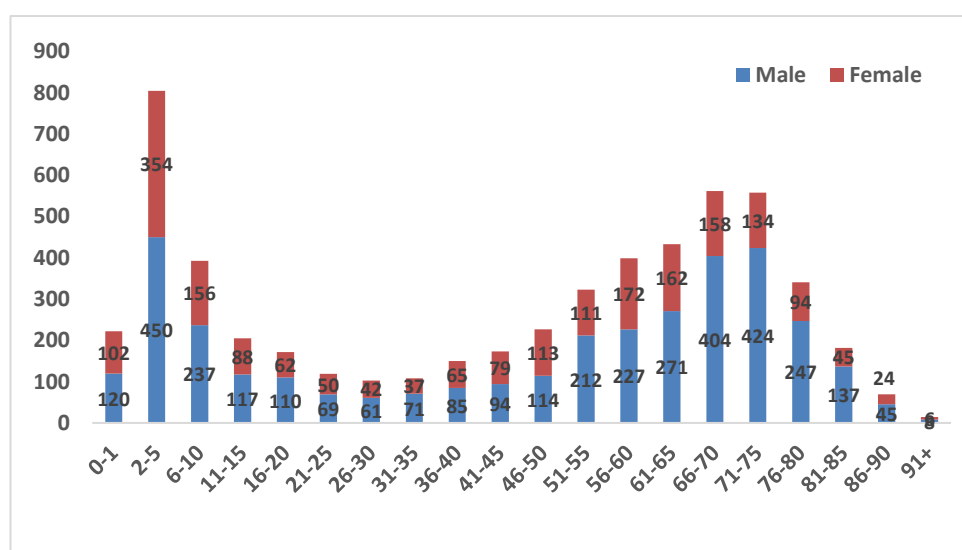


Figure 5: Hearing Aid Trial

The Earmold lab served 5165 clients for making custom earmolds. These include 814 new and 4333 old clients at AIISH, and 18 in camps. The detailed earmold statistics are given in table 9. The Institute generated an income of Rs. 10,01,931/- through earmold making during the period.

Table 9: Earmold Statistics

Category	Total
New clients	814
Old clients	4333
At Camp	18
Ear impressions taken	
Free-of-cost	3753
100% payment	3907
CPL impressions	2
Ear Molds completed	4234
No. Molds Lacquered	1186
No. of sound tube issued	1420
Hard regular molds	104
Hard shell mold made	21
Hard canal molds	50
Soft canal mold	685
Instant molds	66
Swimmer plug (soft)	19
Swimmer plug (hard)	1049
No. of ear blocked	75
Earmolds with acoustic modifications	2740
No. of students posted	206

Audiological 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 10.

Table 10: Audiological services at the DHLS centres

Centers	OPD (Case history)	Evaluation	Earmolds	Hearing aid trial (HAT)	Listening
Mysore	-	303	501	168	-
Ranchi	1468	1468	-	-	-
New Delhi	310	310	-	28	83
Bhagalpur	720	720	-	-	-
Mumbai	91	91	-	-	-
Ajmer	1045	1045	-	-	42

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, neuropsychological 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 3842 new and 1249 review cases at the Department during the reporting year. The detailed is given in table 11.

Table 11: Routine Psycho-Diagnostic Assessment

Classification of disorders according to the criteria included in Chapter V (F) of ICD-10		
F 70#	Mental retardation	1,067
F 80.0	Specific speech articulation disorder	221
F 80.1	Expressive language disorder	411
F 80.2	Receptive language disorder	950
F 88#	Other disorders of psychological development	218
F81#	Specific developmental disorders of scholastic skills	275
F 84#	Pervasive developmental disorders	46
F 98.5	Stuttering (stammering)	347
F 44.4	Dissociative motor disorders	33
F00-F99	<i>Other disorders included in Chapter V (F) of ICD-10</i>	147
<i>The code # refers to "condensed" codes (Ref ICD-IO PC)</i>		
Classification according to the criteria included in Chapter XVIII (R) of ICD 10		
R 47.0	Dysphasia and aphasia	69
R 41.83	Borderline Intellectual Functioning	522
<i>Avg. Intelligence with disorders classified elsewhere</i>		785
TOTAL		5091

Psychological assessment carried out include intelligence / developmental assessment (192 cases in 543 sessions), psycho-educational assessment (25 cases in 58 sessions), neuropsychological assessment (one case in one session), behavioural assessment (eight cases in eight sessions), forensic assessment (16 cases in 41 sessions) and others (13 cases in 14 sessions). In addition, Behaviour Modification (24 cases in 25 sessions), Cognitive behaviour therapy (one case in four sessions) and psychological intervention was done for 45 clients in 92 sessions.

Referred Evaluation-2: Otolaryngological Assessment and Rehabilitation

The Otorhino-laryngological assessment and rehabilitation for persons with communication disorders were carried out in 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, Mysuru. The details of the Otolaryngological evaluation are given in table 12.

Table 12: Otolaryngological Evaluation

Sl.	Category	Total
1	Clients seen at AIISH	32095
2	New cases	14980
3	Review cases	17115
4	Clients seen in K.R. Hospital	6076
5	No. of Major Operations at K.R. Hospitals	51
6	No. of Minor Operations at K.R. Hospitals	333
7	Microscopic	6774
8	Stroboscopic/Endoscopic	293
9	Oto Endoscopic	81
10	Diagnostic Naso endoscopy	37

Specialized Clinical Services

The institute provided a variety of specialized clinical services for the persons with communication disorders in both physical and virtual mode during the reporting year. The details are provided in tables 13, 14 and 15.

Table 13: Evaluation at the Special Clinics

Unit	Total
Augmentative and Alternative Communication (AAC)	156
Autism Spectrum Disorders (ASD)	239
Clinic for Adult and Elderly Persons with Language Disorders (CAEPLD)	60
Dysphagia Unit	12
Fluency	56
Implantable Hearing Devices Unit	574
• No. of switch on - 19	

<ul style="list-style-type: none"> • Mapping for CI - 181 • Trouble shooting CI devices - 95 • Counselling for CI clients - 279 	
Learning Disability (LD)	37
Listening Training Unit (LTU)	223
Motor Speech Disorders (MSD)	50
Phonology	30
Structure Orofacial Anomalies (U-SOFA)	122
Vertigo Clinic	73
Voice	59
Total	1691

Table 14: Rehabilitation at the special clinics (Virtual mode)

Unit	Child	Adult	Total Sessions
AAC	22	-	96
ADHD	64	-	172
ASD	814	1	2870
CAEPLD	-	134	744
Fluency	324	132	1658
LD	61	5	258
LT	120	10	2990
MSD	490	-	2219
Phonology	300	29	552
U-SOFA	72	2	389
Voice	20	154	512
Total	2287	467	12460

ADHD: Attention Deficit Hyperactivity Disorder

Table 15: Rehabilitation at the special clinics (Physical mode)

Unit	Child	Adult	Total Sessions
AAC	15	-	86
ADHD	30	-	228
ASD	543	10	3219
CAEPLD	-	75	415
Fluency	180	71	1187
Implantable Hearing Devices Unit	279	-	279
ISL	09	-	19
LD	36	1	188
LT	190	33	11051

MSD	225	-	1832
Phonology	234	24	669
U-SOFA	52	2	297
Vertigo	-	436	436
Voice	22	120	531
Total	1815	772	20437

ADHD: Attention Deficit Hyperactivity Disorder

IHDU: Implantable Hearing Devices Unit

ISL : Indian Sign Language

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 were offered for 508 children with communication disorders in 508 sessions to determine readiness for schooling and to suggest an appropriate grade, placement as well as necessary services.
- 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 6*.

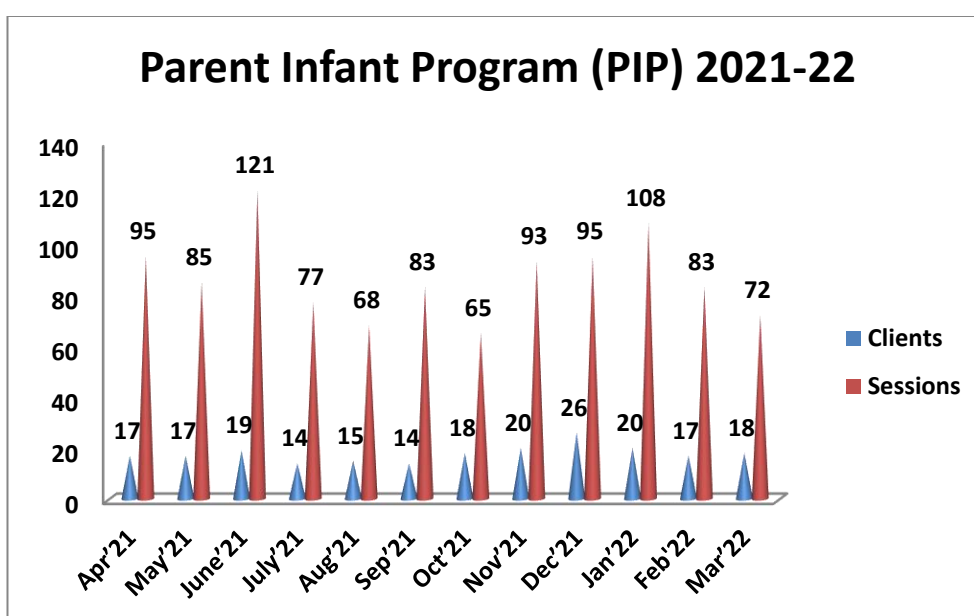


Figure 6: Parent Infant Program

- iii) **Preschool Parent Empowerment Program (PPEP):** PPEP was provided to caregivers of children ranging from 2.5-3 years before formal admission to preschool with the aim of empowering caregivers to train their children and get adjusted to preschool atmosphere. The details are provided in table 16.

Table 16: Preschool Parent Empowerment Program

	Apr'21	May'21	June'21	July'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Total
Clients	167	168	168	88	111	134	164	187	162	185	194	241	1969
Sessions	525	525	440	399	399	380	380	380	897	702	797	858	6682

- 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 disabilities and to those in the age range of 3-10 years having intellectual disability and autism. The details are given in table 17.

Table 17: Preschool Training

	Apr'21	May'21	June'21	July'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Total
Clients	167	161	154	209	202	197	194	138	185	187	182	173	2149
Sessions	790	603	571	875	827	763	631	763	1251	957	1220	1109	10360

- v) **Curricular Support Services (CSS) / Individualized Education Program (IEP)/ Demonstration Education Therapy (DET) and Non formal Education Program (NFE):** The CSS was offered to the children with communication disorders, but had certain difficulties in coping with academics as detailed in *figure 7*. The IEP was offered to 101 clients in 487 sessions, who were either dropped out of school or unable to cope with the regular school curriculum. The details of DET and NFE provided are given in table 18.

Table 18: Demonstration Education Therapy (DET) and Non formal Education Program (NFE)

	Apr'21	May'21	June'21	July'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21
Clients	1	1	0	0	1	1	1	2	2
Sessions	6	9	0	0	9	9	9	7	12

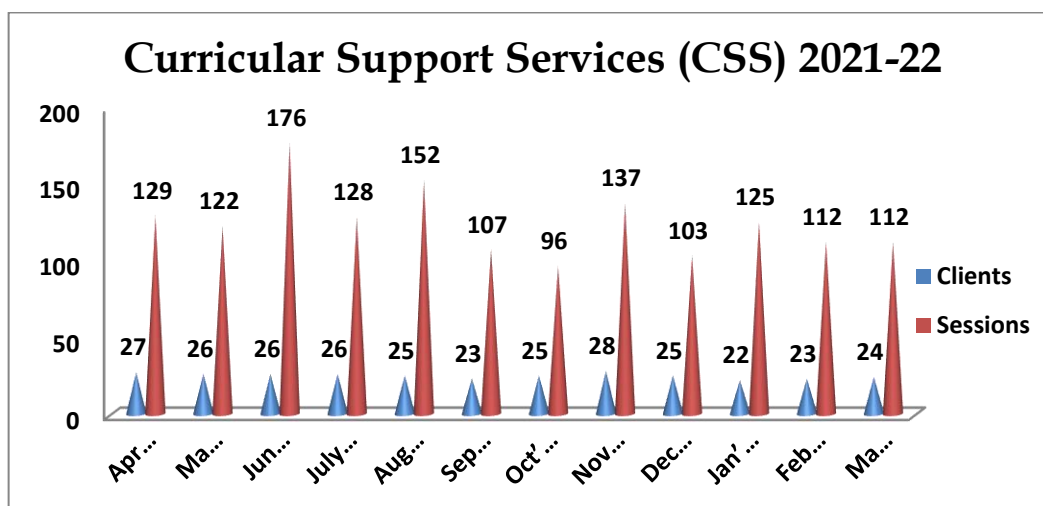


Figure 7: Curricular Support Services (CSS)

- vi) **Speech-Language group therapy:** Group therapy was provided to the children with communication disorders as detailed in figure 8.

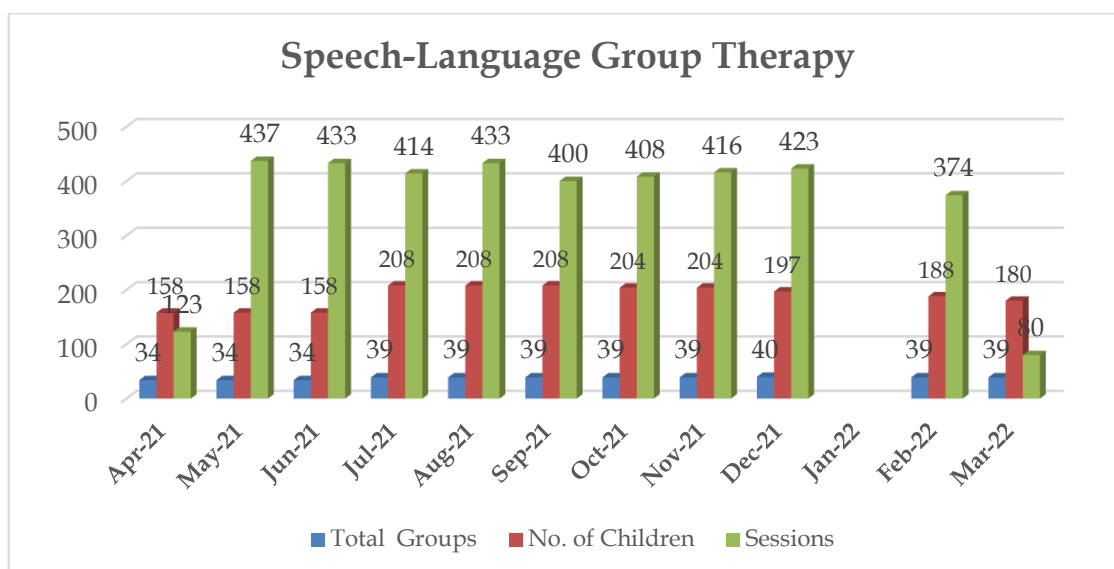


Figure 8: Speech-Language Group Therapy

- vii) **Counselling and guidance:** 116 parents and caregivers of children with communication disorders were counselled in 122 sessions.

Medical Speciality & 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, 299 clients underwent physiotherapy in physical and 284 in virtual mode. The total physiotherapy sessions were 3429. Also, 452 clients underwent

occupational therapy in physical and 355 in virtual mode. The total occupational therapy sessions were 4660. In addition, 135, 13, 110, 107, 34, 299, nine & two clients consulted pediatrician, phonosurgeon, plastic surgeon, orthodontist, dietician, neurologist, orthopedician and oncologist respectively. The details are given in figure 9.

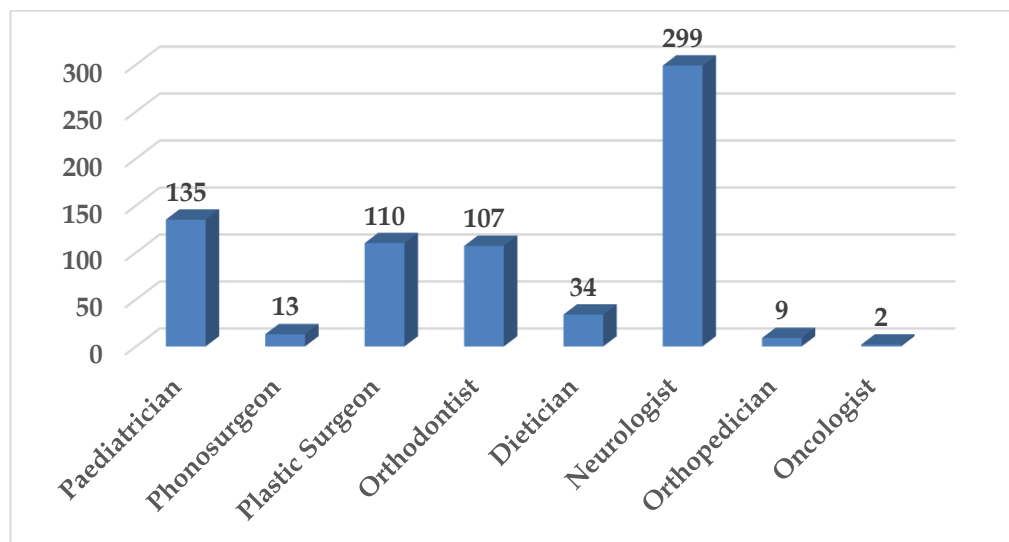


Figure 9: Medical specialty and allied health

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 1687 hearing aids were distributed after electro-acoustic evaluation and testing by the Hearing Device Dispensing Unit of the Institute. In addition, the unit issued 70234 hearing aid spares such as hearing aid cells, cords, battery doors, ear hooks, body case, wind weather protector, BET huggies, domes, tips, Wax guard and 2 pin S & V cords. Also, 1164 free hearing aids were distributed under the Client Welfare Fund.

The hearing aids were also distributed free of cost at the Outreach Service Centres (OSC) and Newborn Screening Centres of the Institute as detailed in table 19.

Table 19: Hearing aid distribution at OSCs / NBS Centers

Sl. No.	OSC	No. of hearing aids
1.	Belagavi Institute of Medical Science, Belagavi	14
2.	Community Health Centre, Hullahalli	01
3.	Kodagu Institute of Medical Science, Kodagu	71
4.	Primary Health Centre, Gumballi	76
5.	Sub-divisional Hospital, Sagara	10
6.	Taluk General Hospital, K R Pete	41
7.	Taluk Hospital, Nanjangud	31
8.	Vivekananda Memorial Hospital, H. D. Kote, Sarguru	39
	Total	283

- **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.

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 20.

Table 20: Details of certificates issued

Particulars	Total
Transfer certificate	28
Evaluation reports	222
Attendance certificate	23
School admission certificate	12
Language Exemption certificate	38
Admission to deaf school	15
Railway concession	96
Bonafide certificate	10
Handicapped Certificate (Pension)	430
Medical Certificate	08

Financial Aid: The institute distributed total amount of Rs. 7,38,945/- among 86 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 300 students and staff from 17 institutes across the country 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. Ayurveda Mahavidyalaya, Shahpur, Belgaum
2. Central University of Karnataka, Kalaburgi
3. Coorg Institute of Dental Sciences, Virajpet, Coorg
4. Department of Shalakyta Tantra, Bengaluru
5. Department of Studies in MSW, University of Mysore, Mysuru
6. Department of Studies in Psychology, SDM College, Ujire
7. Department of Studies in Psychology, Kateel Ashok Pai Memorial College, Shivamogga
8. Government Teacher Training College, Mysuru
9. GSSS Institute of Engineering & Technology, Mysuru
10. Maharaja Institute of Technology, Mysuru
11. Mysore Medical College and Research Center, Mysuru
12. National Institute of Engineering, Mysuru
13. Regional Institute of Education, Mysuru
14. Srinivasa Institute of Medical Sciences & Research, Mangalore
15. St. Agnes Centre for Post-Graduate Studies and Research, Mangalore
16. St. Philomena's College, Mysuru
17. Teresian college, Mysuru

OUTREACH SERVICES

The institute carries out various outreach services on communication and its disorders in different parts of the country through the Department of Prevention of Communication Disorders (POCD) and Tele-Centre for Prevention of Communication Disorders (TCPD). Also, the Institute has 16 Outreach Service Centres (OSCs) and nine New-born Screening Centres across 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 disabilities and provided with diagnostic and therapeutic services.

New-born/Infant Screening

This programme focuses on screening neonates and infants who are at risk for communication disorders using various tools such as High-Risk Register for communication disorders, Behavioral Observation Audiometry, Oto Acoustic Emission Screening and Screening Checklists.

During the reporting year, screening programme was carried out at the hospitals in Mysuru, Outreach Service Centres (OSC) and their nearby hospitals and Newborn Screening Centres (NBS) of the Institute functioning in different parts of the country. A total of 40132 newborns were screened. Of these, 6074 were at risk for communication disorders. The details are given in table 1.

Table 1: Newborn/ Infant Screening

Sl. No	Hospitals/Immunization Centres	Total screened	Total No. at risk
I. Hospitals in Mysuru			
1.	Ashwini Nursing Home	158	02
2.	Cheluvamba Immunization Centre	100	01
3.	Combined Hospital	108	04
4.	CSI Holdsworth-Memorial Hospital	221	20
5.	Gopalagowda Hospital	12	-
6.	Govt. Jayanagar Maternity Hospital	901	28
7.	Kamakshi Hospital (KH)	738	08
8.	Kamala Raman Hospital	21	01
9.	KR Hospital, Cheluvamba Hospital	5678	138
10.	Kyathmanalli Immunization Centre	319	09
11.	Mahadeshwara Nursing Home	187	04
12.	Makkalakoota Immunization Centre	191	03
13.	NPC Maternity Hospital	303	09
14.	Shree Devi Nursing Home	192	02
15.	Sigma Hospital	317	12
16.	SMTDH	55	3
17.	SMTDH Immunization Centre	12	-
18.	Sri Chamundeshwari nursing home	94	03
Total		9607	247
II. Outreach Service Centres			
1.	All India Institute of Medical Sciences, Bhubaneswar, Orissa	1508	410
2.	All India Institute of Medical Sciences, Bhopal, Madhyapradesh	57	01
3.	All India Institute of Medical Sciences, Jodhpur, Rajasthan	20	01
4.	Belagavi Institute of Medical Science, Belagavi, Karnataka	2391	233
5.	Bidar Institute of Medical Sciences, Bidar, Karnataka	2479	1834
6.	Gulbarga Institute of Medical Sciences, Kalaburgi, Karnataka	1989	620
7.	Indira Gandhi Institute of Medical Sciences, Patna, Bihar	369	146
8.	Karnataka Institute of Medical Sciences, Hubli, Karnataka	2118	644
9.	Kodagu Institute of Medical Science, Kodagu, Karnataka	2297	761

10.	Mahatma Gandhi Memorial Medical College, Indore, Madhya Pradesh	77	38
11.	Primary Health Centre (Under Karuna trust), Gumballi, Karnataka	157	17
	<i>Taluk Hospital, Yelandur, Gumballi, Karnataka*</i>	28	6
	<i>Community Health Centre, Santhemarahalli, Gumballi, Karnataka*</i>	203	30
12.	Sub-divisional Hospital, Sagara Taluk, Karnataka	2078	121
13.	Sub-divisional Hospital, Kundapura, Karnataka	21	21
14.	Taluk Hospital, Nanjangud, Karnataka	795	45
	<i>Community Health Centre, Bannuru, Karnataka*</i>	17	0
	<i>Community Health Centre, Hullahalli, Karnataka*</i>	46	2
15.	Taluk General Hospital, KR. Pete, Mandya, Karnataka	260	11
	<i>Sub-divisional hospital, K R Nagar Taluk, Yadavagiri, Mysore, Karnataka*</i>	778	38
	<i>Primary health center, Akkihebbalu, Mandya, Karnataka*</i>	14	1
16.	Vivekananda Memorial hospital, H. D. Kote, Sarguru, Karnataka	341	31
	<i>St, Mary's Hospital, HD kote, Sarguru, Karnataka*</i>	928	137
	<i>Taluk Hospital, H.D. Kote- Immunization, Sarguru, Karnataka*</i>	881	137
Total		19852	5285
III. New-born Screening Centres			
1.	All India Institute of Medical Sciences, Patna	613	26
2.	All India Institute of Physical Medicine and Rehabilitation, Mumbai	450	53
3.	All India Institute of Physical Medicine and Rehabilitation, Mumbai (TLH)	23	01
4.	Indira Gandhi Medical College, Shimla	570	46
5.	Jawaharlal Institute of Postgraduate Medical Education and Research JIPMER, Puducherry	1229	168
6.	Jawaharlal Nehru Medical College & Hospital, JLNMCH, Bhagalpur, Bihar	1575	67
7.	King George's Medical University KGMU, Lucknow, Uttar Pradesh	2893	71
8.	Post Graduate Institute of Medical Education and Research, New Delhi	1044	101
9.	Rajendra Institute of Medical Sciences, Ranchi	221	8
10.	Sri Devaraj Urs Academy of Higher Education and Research, Kolar, Karnataka	2055	01
Total		10673	542
Grand Total		40132	6074

* Nearby Health Centres of the Outreach Service Centres

Tele-follow up for risk babies

The new-borns/infants referred during the new-born screening were followed up through telephone calls to parents/caregivers and advised for detailed evaluation at the Department of Clinical Services at AIISH, Mysuru 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: Tele - follow up

Categories	AIISH	OSC	NBS Centers
Normal speech, language & hearing milestones	1708	3441	1857
Mortality	32	142	16
Referred for detailed evaluation	37	50	19
Total Phone follow up	1777	3633	1892

The new-borns/infants who were found at risk for communication disorder even after phone follow up are advised and called up for detailed evaluation at AIISH, Mysuru or at the respective NBS Centers/OSCs. A complete test battery was administered for these clients who came for follow-up. The details are given in table 3.

Table 3: Follow up Evaluation for Newborns and Infants

Categories	AIISH	OSC	NBS Centers	Total
Clinically Normal (CN)	86	376	182	644
Hearing disorder (HI)	11	36	30	77
Speech Disorder (SD)	-	8	3	11

Industrial Screening

The Institute 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, 688 employees were screened, and among them, 237 were identified with hearing impairment. The employees 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.

Student Screening

Nursery, primary school, secondary school and Pre-University college students were screened for communication disorders as a part of the student screening programme during the reporting year. Totally, 904 students were screened and among them 37 (4%) were identified with ear-related disorders, 37 (4%) with hearing loss and 21 (2%) 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 in different localities. A total of 137 elderly citizens were screened for speech, language and hearing disorders in various community based camps. Of them, 60 persons passed the screening test. Among the rest, 48 had hearing loss and seven had speech, language, cognitive and swallowing disorders. Thirty-two of the 48 persons with hearing loss had ear infections. 12 persons identified in the screening camps were rehabilitated later in the nearby Outreach Service Centre.

Camp-based Screening

The Institute organized thirty-one camps for screening the citizens for communication disorders in various localities across Karnataka during the reporting year. The camps were organized under the aegis of the Department of POCD, Outreach Service Centres and the New-born Screening Centres of the Institute. The expert speech, hearing and allied health professionals of the institute screened 1518 individuals in the camps. The details are given in table 4.

Table 4: Camp-based Screening

Sl. No.	Date	Location	No. of Cases
1.	3.04.2021	KSRTC Bus Depot, Kolar	54
2.	20.04.2021	Lanke, Sarguru	15
3.	28.04.2021	Bidrahalli, Sarguru	12
4.	30.04.2021	Mullur, Sarguru	7
5.	20.06.2021	OSC Sarguru	20
6.	5.07.2021	Kenchanahalli, Moorbant, Borethevaremati, Jagane kote, Kempahadi, hosahalli hadi, Dhonnemadana hadi, HD Kote taluk, Mysuru	13
7.	29.07.2021	Huskoor hadi, Devalapurahadi, Kalla halli hadi (A&B), Udugi hadi, Seegodi hadi, Kadabegur, Adnahalli hadi, Kurnegala hadi, HD Kote taluk, Mysuru	16
8.	3.08.2021	Basavanagirihadi, Boodaluruhadi, Bommulapurahadi Asthihadi, Hosahadi HD Kote taluk, Mysuru	19
9.	11.08.2021	Katlla, Nemnallihadi Kemppepura, Kanthanahadi HD Kote taluk, Mysuru	17
10.	27.08.2021	Ballehadi, Goluruhadi, Bavali, Anemalahadi, Machurhadi, Thinmanahosahadi, HD Kote taluk Mysuru	08
11.	18.09.2021	Niveditha Nagar, Mysuru	93
12.	22.09.2021	District Rural Development Cell, Biligere	49
13.	24.09.2021	District Rural Development Cell, Periyapatna	56
14.	9.10.2021	Bigdhgalkatte, Kundapura Taluk, Udupi	57
15.	10.10.2021	Madeshwara Colony, Harapanahalli Hobli, Amachvadi Chamrajnagar	105
16.	20.10.2021	Yaraganahalli, Mysuru	130
17.	23.10.2021	Ambedkar Bhawan, HD Kote taluk, Mysuru	30
18.	29.10.2021	KSRTC Bus Depot, Malur, Kolar	64
19.	3.12.2021	PHC Gumballi, Nanjangud taluk, Mysuru	37
20.	12.12.2021	Sneha Seva Trust, Bengaluru	86
21.	18.12.2021	Government School, Bengaluru	57
22.	17.02.2022	Government School, Kollegala	96
23.	27.02.2022	Sai Mandir, Raja Bazar, Patna, Bihar	60
24.	2.03.2022 to 5.03.2022	AIIPMR, Mumbai	38
25.	3.03.2022	Chinmaya Vidya Kendra High School, Ejipura, Bengaluru	28
26.	3.03.2022	Taluk Hospital, KR Nagara, Mysuru	10
27.	9.03.2022	State Home for Women, Vijayanagar, Mysuru	39
28.	10.03.2022 & 14.03.2022	Shiralkoppa Community Healthcare Centre, Shiralkoppa, Shikaripur, Shimogga and SDH Sagara, Shimogga, Karnataka	11

29.	17.03.2022	Rotary Club, Station Road, Hospete	116
30.	23.03.2022	Maddur Colony, Gundlupet, Chamrajnagar	53
31.	29.03.2022	Sarkari Madhari Hiriya Prathamika Shaale, Hannur	122

Bedside Screening

Bedside screening for communication disorders was carried out for the inpatients in K.R. Hospital, Mysuru and KIMS hospital, Hubli. Totally, twelve persons were screened. Among them, two were identified with motor speech disorders, three with multiple disorders and seven with swallowing disorders. They were referred to AIISH for further evaluation.

Clinical Services at the Outreach Service Centers (OSCs)

Diagnostic and therapeutic services on communication disorders were provided at the Outreach Service Centres (OSCs) of the institute located in different parts of the country. Totally, 9206 persons were registered for availing clinical services at the 20 OSCs. The clients were evaluated for speech-language and hearing disorders and provided with speech-language therapy and hearing aids. The details are given in table 5 and table 6.

Table 5: Speech-Language and Hearing evaluation at the Outreach Service Centres

Sl. No	OSC	Normal	ENT	Total (AUD)	Total (S&P)	Total
1.	Sub-divisional Hospital (PHC), Sagara	09	31	45	03	52
2.	Primary Health Centre (PHC), Gumballi	06	31	48	01	60
3.	Vivekananda Memorial Hospital, Sarguru	13	303	263	17	569
4.	Taluk Hospital, Nanjangud	08	131	227	08	343
	Community Health Centre (CHC), Bannuru	0	07	16	0	23
	Community Health Centre (CHC), Hullahalli	0	92	64	03	159
5.	Taluk General Hospital, KR Pete	55	58	262	14	340
	Taluk General Hospital, KR Nagara	06	05	22	01	34
	Primary Health Centre, Akkihebbalu	04	00	09	02	15
6.	Gulbarga Institute of Medical Sciences	44	97	227	90	440
7.	Kodagu Institute of Medical Sciences, Madikeri	191	195	790	154	1062
8.	Belagavi Institute of Medical Sciences, Belgaum	49	200	316	128	496

9.	Bidar Institute of Medical Sciences, Bidar	10	42	166	84	271
10.	All India Institute of Medical Sciences, Bhubaneswar, Orissa	366	493	895	324	2052
11.	Karnataka Institute of Medical Sciences, Hubli	102	0	1974	317	2375
12.	Indira Gandhi Institute of Medical Sciences, Patna	03	0	02	148	152
13.	All India Institute of Medical Sciences, Bhopal,	21	107	128	77	205
14.	All India Institute of Medical Sciences, Jodhpur	00	00	00	52	52
15.	Community Health Center, Malappuram, Kerala	02	10	12	69	81
16.	Gandhi Medical College, Bhopal, Madhya Pradesh	04	75	75	13	167
17.	Government Medical College Hospital, Surguja, Chattisgarh	00	20	20	03	23
18.	Lok Nayak Hospital, New Delhi	00	00	00	122	122
19.	Mahatma Gandhi Memorial Medical college, Indore, Madhya Pradesh	01	17	18	29	47
20.	Subdivision Hospital, Kundapura, Karnataka	05	59	59	07	66
Total		899	1973	5638	1666	9206

Table 6: Speech-Language and Hearing Rehabilitation at the Outreach Service Centres

Sl No.	OSC	Hearing Aids Dispensed	Speech-language therapy		
			No. of clients	No. of sessions	
				Regular Therapy	Tele therapy
1.	Sub-divisional Hospital, Sagara taluk, Sagara, Karnataka	10	135	169	294
2.	Primary Health centre (Under Karuna trust), Gumballi, Karnataka	76	71	157	80
3.	Vivekananda Memorial hospital, HD kote, Sarguru, Karnataka	39	113	552	75
4.	Taluk Hospital, Nanjangud, Karnataka	31	46	167	127
	Community Health Centre, Hullahalli, Karnataka	01	16	65	56
5.	Taluk General Hospital, KR Pete, Mandya, Karnataka	41	34	141	23
6.	Gulbarga Institute of Medical Sciences, Kalaburgi, Karnataka	00	107	225	274
7.	Kodagu Institute of Medical Science, Kodagu, Karnataka	71	127	693	159
8.	Belagavi Institute of Medical Science, Belagavi, Karnataka	14	55	167	89
9.	Bidar Institute of Medical Sciences, Bidar, Karnataka	00	49	168	67

10.	All India Institute of Medical Sciences, Bhubaneswar, Orissa	00	638	810	0
11.	Karnataka Institute of Medical Sciences, Hubli, Karnataka	00	139	268	53
12.	Indira Gandhi Institute of Medical Sciences, Patna, Bihar	00	129	148	360
13.	All India Institutes of Medical Sciences (AIIMS), Jodhpur, Rajasthan	00	64	87	00
14.	Lok Nayak Hospital, New Delhi	00	64	100	00
15.	All India Institutes of Medical Sciences (AIIMS), Bhopal, Madhya Pradesh	00	24	75	00
16.	Gandhi Medical College, Bhopal, Madhya Pradesh	00	13	29	00
17.	Community Health Center, Malappuram, Kerala	00	59	215	00
18.	Government Medical College Hospital, Surguja, Chattisgarh	00	02	01	00
19.	Mahatma Gandhi Memorial Medical college, Indore, Madhya Pradesh	00	37	19	00
20.	Subdivision Hospital, Kundapura, Karnataka	00	07	25	00
	Total	283	1929	4281	1657

Tele-Assessment and Tele-Intervention Services

The Tele-Centre 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. The details are given in table 7, 8 & 9.

Table 7: Disorder-wise Tele-Assessment and Intervention

	Language		Fluency		Speech		Voice		Dysphagia		Multiple	
	Cases	Sessions	Cases	Sessions	Cases	Sessions	Cases	Sessions	Cases	Sessions	Cases	Sessions
Paediatric	64	841	6	38	3	26	-	-	-	-	4	99
Adult	13	306	7	74	5	159	1	16		-	-	-
Geriatric	3	63	-	-	2	45	-	-	2	9	1	27
	Paediatric: 0-18years; Adults: 18-65 years; Geriatric: 65 years& above											

Table 8: Country-wise Tele-assessment and Intervention

Country	No. of Cases	No. of Sessions
Dubai	2	24
India	105	1605
UK	3	65
US	1	9
Total	111	1703

Table 9: State-wise Tele-assessment and Intervention in India

States	No. of Cases	No. of Sessions
Andhra Pradesh	2	15
Assam	4	36
Bihar	1	1
Chandigarh	1	2
Chhattisgarh	2	19
Delhi	4	56
Himachal Pradesh	1	13
Jharkhand	2	35
Karnataka	54	780
Kerala	13	264
Maharashtra	3	80
Orissa	2	25
Punjab	1	27
Rajasthan	3	8
Secunderabad	1	41
Telangana	2	7
Tamil Nadu	4	164
Uttar Pradesh	1	32
Grand Total	101	1605

PUBLIC EDUCATION

The Institute has been taking various steps to make the common man aware of communication disorders, educate them on prevention of the disorders and provide guidance and counseling to persons suffering from such conditions. The public education activities are carried out through monthly public lectures, communication disorder screening camps, public orientation/sensitization programs, and street play. In addition, print and electronic media, including social media platforms are extensively used for public education. Efforts are also being made to provide information on academic activities and the facilities available at AIISH through social media. The following major public education activities were carried out during the reporting year.

Monthly Public Lectures

The Institute organized monthly public lectures tailored for the common man to create public awareness on various aspects of communication disorders. The expert professionals working in the Institute delivered lectures followed by a question-and-answer session with the audience. The details of the lectures organized during the reporting year are given in table 1.

Table 1: Monthly Public Lectures

Date	Topics	Resource Persons	Participants
6.04.2021	1. Overview of the activities of the Institute 2. Communication disorders: An overview 3. Hearing impairment: An overview 4. Accessible and barrier free infrastructure for persons with disability	1. Mr. R Prashanth 2. Dr. Priya M B 3. Dr. Sharath Kumar K S 4. Mr. Manjunath Rao	48 students from the Mysore School of Architecture, Mysuru
26.07.2021	1. Overview of the activities of the Institute and services of Department of Special Education 2. Curriculum designing, planning and IEP for children with special needs	1. Ms. Vijayalakshmi S 2. Ms. Sumana H P	12 volunteers from Sri Vivekananda Youth Movement, Sarguru
17.08.2021	1. Overview of the activities of the Institute 2. Communication disorders: An overview	1. Ms. Vijayalakshmi S 2. Ms. Prathima S	23 MSW students from K.R. Pete, Mysuru

	3. Hearing impairment: An overview 4. Rights and benefits for persons with disabilities	3. Dr. Sharath Kumar K S 4. Mr. Prashanth R	
16.09.2021	1. Overview of the activities of the Institute 2. Communication disorders: An overview 3. Hearing impairment: An overview 4. Inclusive education and curriculum adaptation	1. Ms. Vijayalakshmi S 2. Dr. Priya M B 3. Dr.Prashanth Prabhu 4. Ms.Vijayalakshmi S	22 D.Ed. students from District Rehabilitation Centre (DRC), Mysuru
26.10.2021	1. Overview of the activities of the Institute 2. Communication disorders: An overview 3. Hearing impairment: An overview 4. Inclusive education and curriculum adaptation	1. Dr. Prithi Venkatesh 2. Ms. Prathima S 3. Dr. Sharath kumar K S 4. Ms.Vijayalakshmi S	36 B.Ed. students from K.R. Pete, Mysuru
26.11.2021	1. Overview of the activities of the Institute and the objectives of the KV orientation programme 2. Overview on hearing impairment: Identification and management 3. Overview of communication disorders: Identification and management 4. Behavioural issues and its management 5. Curriculum adaptation: Its need and strategies 6. Educational rights and facilities for person with communication disorders	1. Dr. Prithi Venkatesh 2. Dr. Sharath Kumar K S 3. Ms. Deepa Anand 4. Dr.Yeshodhara Kumar G Y 5. Dr.Prithi Venkatesh 6. Mr.RPrashanth	20 Teachers from Kendriya Vidyalaya, Chamarajnagara
8.12.2021	1. Overview of the activities of the Institute 2. Communication disorders: An overview 3. Hearing impairment: An overview 4. Inclusive education and curriculum adaptation	1. Ms.Vijayalakshmi S 2. Ms.Prathima S 3. Ms. Revathi 4. Ms. Vijayalakshmi S	36 Teacher Trainees from International Montessori and Kindergarten Teacher's Training Academy, Mysuru
23.02.2022	Overview of the activities of the Institute and management of children with special needs	Ms. S Vijayalakshmi	8 MSW students and a faculty from Government College, Gadag.
03.03.2022	Pathological speech signal processing and research avenue	Dr.Ajish K. Abraham	13 faculty from GSSS women's engineering college, Mysuru
18.03.2022	1. Overview of the activities of the Institute. 2. Hearing impairment: An overview 3. Communication Disorders: An overview	1. Mr.R.Prashanth 2. Dr. Sharath Kumar K S 3. Ms.Prathima. S	87 participants from St. Joseph's Teacher Training College, Mysuru

Social Media based Public Education

The AIISH launched its social media platform on Facebook in July 2019. In March 2020, the Institute expanded its digital outreach by creating accounts on other platforms like Twitter, Instagram, LinkedIn, and YouTube. Since their launching, the Institute has been promoting public education activities over social media platforms. All the activities are updated regularly for awareness, learning, motivation, and dissemination of information among the public. A social media committee, under the supervision of Dr. M. Pushpavathi, Director, and Dr. K. Yeshoda, Head, Dept. of Material Development as the Social Media Champion, is functioning for monitoring the activities. The social media digital marketing is outsourced to an agency for greater promotions and expansion in reach. This way, the Institute is accelerating its vision to reach the unreached.

The various types of public education resources disseminated through the social media platforms during the reporting year include live and animated videos (table 2), e-pamphlets and posters (table 3), and live-phone in programs conducted at the Institute on the eve of world hearing day celebrations (table 4) and Club-house talks. The videos and other resources posted on social media reached lakhs of beneficiaries during the reporting year. The social media activity statistics during the reporting year are given in table 5.

Table 2: Live and Animated videos on Social Media

Sl. No	Title & Presenter	Language
1.	A glimpse into AIISH clinics, by Dr. Yeshoda K	English
2.	A talk on augmentative & alternative communication, by Dr. Yashomathi	Kannada
3.	AAC, by Dr. Yashomathi	Kannada
4.	About AIISH, by Dr. Jayashankar Rao J S	English
5.	About voice, by Dr. T K Prakash	Kannada
6.	Academic world of AIISH, by Dr. Ajith Kumar U	English
7.	ADHD, by Ms. Dibya Aryal	English
8.	An awareness video on stuttering	Hindi
9.	Autism – comic video, by POC staff	-
10.	Autism Awareness, by	English

	Dr. Kadambari Naniwadekar	
11.	Autism awareness, by Mrs. Latha	Kannada
12.	Awareness video on Covid 19, by students and staff of the AIISH	Kannada
13.	Cleft Lip and Palate-Every smile has a story!, by POCD staff	English, Kannada & Hindi
14.	Commemoration of International Day of Persons with Disabilities by Dr. Pushpavathi M	English
15.	Comic strip – Autism by PODC staff & Intern students	English
16.	Comic strip – Speech sound disorder, by PODC staff & Intern students	English
17.	Common conditions affecting Larynx (animated video)	English
18.	Communication Disorders, by Ms. Pauline Gracia R V	Tamil
19.	Creating inclusivity for children with Autism Spectrum Disorders, by Dr. Jayashree C. Shanbal & Ms. Devi Vijayalakshmi V (animated video)	English
20.	Deepavali Noise, by Ms. Ankitha S	Kannada
21.	Developmental milestones, by Ms. Ankitha S., Ms. Reshma O & Ms. Jasper Princes	Kannada Malayalam Tamil
22.	Developmental milestones, by Ms. Srividya S	Kannada
23.	Diwali hearing care, by Ms. Tanuja M N	Kannada
24.	Does your child have pronunciation problem?, by POCD staff	English, Kannada & Hindi
25.	Don't forget about Dementia!, by POCD staff	English, Kannada & Hindi
26.	Do you know what Dysarthria is?, by POCD staff	English, Kannada & Hindi
27.	Eminent personalities visit	-
28.	Father's Day by pre-school kids	Kannada
29.	FAQs on Hearing Impairment, by POCD staff	English, Kannada & Hindi
30.	FAQs on ENT, by Ms. Tanuja M N	Kannada

31.	Feeding tips for caregivers of child with Cleft Lip and Palate, by POCD staff	English, Kannada & Hindi
32.	Greetings to all on the occasion of 56 th Annual Day of the Institute	English
33.	Habits that can lead to voice problems! (animated video)	English
34.	Happy simplicity day	English
35.	Have you heard about Autism?, by POCD staff	English, Kannada & Hindi
36.	Having problem with your voice? Know more about it, by POCD staff	English, Kannada & Hindi
37.	Hear what the ears of an autistic individual hear	English
38.	Hearing protection – Diwali message, by Ms. Kranti Acharya	English
39.	How can each of you be a COVID warrior by Dr. Pushpavathi M	Kannada
40.	How to narrate a creative story to kids?, by Mrs. Sreevidya	Malayalam
41.	Impactful steps to help children facing challenges with biting and chewing, by Ms. Prathima S	Kannada
42.	Improving mean length of Utterance, by Dr. Gayathri Krishnan	English
43.	Importance of communication and its disorders, by Ms. Pauline Gracia RV	Tamil
44.	Inauguration of the inclusive therapy park on 9 th October 2021 at AIISH, Mysuru	-
45.	Independence Day video, by Pre-school kid	English
46.	Interesting suggestions of books to read, by Ms. Zainab Ismail	English
47.	International Webinar on Demystifying Mindful Parenting	English
48.	International Webinar on Demystifying Mindful Parenting – Day 2	English
49.	Is your child scoring poor marks? Check for Learning Disability, by POCD staff	English, Kannada & Hindi
50.	Know more about Intellectual Disability, by POCS staff	English, Kannada & Hindi
51.	Language Disorders, by Dr. Yashomathi	Kannada

52.	Little signs (a video on developmental milestones), by Ms. Reshma	Malayalam
53.	National newborn week (animated video), by POCD staff	Kannada
54.	NBS, by Ms. Christy Sebastian	English
55.	NBS,, by Ms. Ankitha S	Kannada
56.	NBS – 1 by Ms. Srividya S	Kannada
57.	NBS-Diwali message, by Ms Kranti Acharya	Hindi
58.	NBS-Diwali message, by Ms Tanuja M N	Kannada
59.	Newborn hearing screening (01), by Ms. Srividya S	Kannada
60.	Newborn hearing screening (02), by Ms. Ankitha S	Kannada
61.	Newborn hearing screening (03), by Ms. Tanuja M N	Kannada
62.	Newborn Care week, by Ms. Dibya Aryal	English
63.	Overview of AIISH in Malayalam, by Dr. Sreedevi N	Malayalam
64.	Pen your thoughts and research papers pertaining to speech & hearing with AIISH!	English
65.	Preserving the voice, by Dr. Yeshoda K	English
66.	Services offered at AIISH, by Dr. Sreedevi	Malayalam
67.	Simple and fun exercises for individuals with communication disorders, by Dr. Gayathri Krishnan	English
68.	Special Education courses provided at AIISH, by Dr. Prithi Venkatesh	Malayalam
69.	Speech sound disorders in children, by Dr. Priya	Hindi
70.	Speech sound disorders (animated video), by POCD Staff	English
71.	Speech problems after stroke? It might be Aphasia!, by POCD Staff	English, Kannada & Hindi
72.	Spread across states, united by AIISH – Alumni of AIISH	Indian languages
73.	Stuttering	English, Kannada & Hindi
74.	Success story, by Mrs. Shruthi and her kid	Kannada

75.	The causes, symptoms, diagnosis and insights on hearing loss, by Mr. Durga S. Kumar	English
76.	The efficacy of behavioral therapy and the factors that affect it, by Dr. Sanjeev Kumar Gupta	English
77.	Tinnitus, by Ms. Merina Thomas	Malayalam
78.	Treatment for speech, hearing, or language by Dr. Pushpavathi M	Kannada
79.	Visit of Shri. Vikas Sheel, Additional Secretary, Ministry of Health and Family Welfare, GOI	-
80.	Voice after the cancer of larynx-Laryngectomy, by POCD staff	English, Kannada & Hindi
81.	Voices from alumni, by Dr. Balaji Rangarathnam	English
82.	Voices from alumni, by Dr. Lakshmi M S	English
83.	Voices from alumni, by Dr. Priyanka Shailat	English
84.	Voices from alumni, by Dr. Varun Uthappa A G	English
85.	Voices from alumni, by Ranjini Mohan	English
86.	What is autism spectrum disorder and its impacts, by Ms. Shalini	English
87.	What is/are speech disorders?, by Dr. Priya M B	English
88.	Why students must opt for special education courses, by Dr. Alok Kumar Upadhyaya	Hindi
89.	Yoga Day, by pre-school kids	Kannada
90.	You see autism; instead of me	English
91.	ಆಟದ ಜೊತೆಗೊಂದು ಪಾಠ, by Dr. Pushpavathi M	Kannada
92.	ಆಟದ ಜೊತೆಗೊಂದು ಪಾಠ, "ನಮ್ಮ ವೈತ್ತಿಪರರು" ಭಾಗ-(1) by Dr. Pushpavathi M	Kannada
93.	ಆಟದ ಜೊತೆಗೊಂದು ಪಾಠ, "ನಮ್ಮ ವೈತ್ತಿಪರರು" ಭಾಗ-(2) by Dr. Pushpavathi M., & Ms. Baby Anokhi Lokanath	Kannada

Table 3: Pamphlets and posters

Sl No.	Creator	Title	Language
1.	Ms. Ranjini A & Dr. N Sreedevi	Remember and care (Based on ACSLS)	Kannada
2.	Ms. Srividya S & Dr. N Sreedevi	Does your child have Pronunciation Problem???	English
3.	Ms. Christy Sebastian & Dr. N Sreedevi	Speech problems after stroke??? - It might be APHASIA !!!	English
4.	Ms. Christy Sebastian &	St... St... Stammering????	English

	Dr. N Sreedevi		
5.	Mr. Ashique C & Dr. N Sreedevi	Have you heard about AUTISM ???	English
6.	Ms. Dibya Aryal & Dr. N Sreedevi	Laryngectomy (Voice after the cancer of Larynx!!!)	English
7.	Ms. Dibya Aryal & Dr. N Sreedevi	Cleft Lip and Palate	English
8.	Ashique C & Dr. N Sreedevi	Don't forget about Dementia!!!	English
9.	Ms. Christy Sebastian & Dr. N Sreedevi	Having problem with your voice???	English
10.	Ms. Srividya S & Dr. N Sreedevi	Check for learning Disability!!!	English
11.	Ms. Dibya Aryal & Dr. N Sreedevi	Feeding tips for care givers of child with cleft lip and palate	English
12.	Ms. Srividya S & Dr. N Sreedevi	FAQs on hearing loss	English
13.	Ms. Kranthi Acharya & Dr. N Sreedevi	Do you know what is Dysarthria???	English
14.	Ms. Christy Sebastian & Dr. N Sreedevi	Know more about intellectual disability	English
15.	Ms. Srividya S & Ms. Kranthi Acharya & Dr. N Sreedevi	FAQs on aphasia	Kannada & Hindi
16.	Ms. Srividya S & Ms. Kranthi Acharya & Dr. N Sreedevi	FAQs on LD	Kannada & Hindi
17.	Ms. Srividya S & Ms. Kranthi Acharya & Dr. N Sreedevi	FAQ's on voice disorder	Kannada & Hindi
18.	Ms. Srividya S & Ms. Kranthi Acharya & Dr. N Sreedevi	FAQ's on stuttering	Kannada & Hindi
19.	Ms. Kranthi Acharya & Mr. Ashique C	FAQ's on speech sound disorder	Hindi & Tamil
20.	Mr. Ashique C	Learning disability	Tamil
21.	Mr. Ashique C	Aphasia	Tamil
22.	Mr. Ashique C	Dysarthria	Tamil
23.	Mr. Ashique C	Dementia	Tamil
24.	Ms. Ranjini A & Ms. Dibya Aryal	Newborn screening	Kannada, English & Hindi
25.	Ms. Sushma C	Newborn screening - Kodagu	Kannada

26.	Mr. Rohith V	Newborn screening - Kolar	English
27.	Ms. Hemashree B M Ms. Sarga K	Developmental milestones	Kannada & English
28.	Ms. Kranti Acharya	High risk factors in newborns	Hindi
29.	Ms. Swaliha	Aphasia	English
30.	TCPD Staff	Cognitive communicative disorders	English & Hindi
31.	TCPD Staff	Fluency disorders	English & Hindi
32.	TCPD Staff	Hearing impairment	English & Hindi
33.	TCPD Staff	AAC	English & Hindi
34.	TCPD Staff	Speech sound disorders	English & Hindi
35.	TCPD Staff	Morphology, Syntax, Semantics	English & Hindi
36.	Dr. Sanjeev Kumar Gupta Clinical Psychologist	Intellectual disability	Hindi
37.	Prof. Animesh Barman Dr. Prawin Kumar Dr. Devi N Dr. Niraj Kumar Singh Dr. Megha Ms. Jyothi S	Vertigo and ANSD	English

Table 4: Live Phone-In programs

Sl. No	Topic	Resource Persons/ Moderator	Date
1	Importance of World Autism Awareness day 2021	Resource Persons: Dr. Jayashree C Shanbal Dr. Niraj Kumar Singh & Mr. Freddy Antony	1 st April 2021
2	World Voice Day	Resource Persons: Dr. T Jayakumar Dr. T K Prakash & Dr. Yeshoda K	16 th April 2021
3	Journey of a child with autism along with her mother	Resource Persons: Ms. Annushaka Bhattacharjee Ms. Ashima Bhattacharjee Dr. Kadambari Naniwadekar & Dr. Yashodhara Kumar G Y Moderator: Dr. Jayashree C Shanbal	23 rd April 2021
4	Difficulties faced by school going special children	Resource Persons: Dr. Prithi Venkatesh & Mr. Freddy Antony Moderator: Ms. S Vijayalakshmi	2 nd July 2021

5	Cleft lip and palate	Resource Persons: Prof M. Pushpavathi Dr. Sanjeev Kumar Gupta Dr. Gopi Sankar R	16 th July 2021
6	Balance disorders in hearing impaired individuals-care and management	Resource Persons: Dr. G. Rajeshwari Dr. Sujeet Kumar Sinha Moderator: Dr. Nisha K V	30 th July 2021
7	Prevention of communication disorder	Resource Persons: Dr N. Sreedevi Dr. Sandeep M Moderator: Dr. Jithin Raj B	13 th August 2021
8	Identification and management for adults with hearing loss	Resource Persons: Dr. H SundaraRaju Dr. Sharath Kumar K S Moderator: Dr. Megha	27 th August 2021
9	Rehabilitation of children with Cerebral Palsy	Resource Persons: Ms. Prathima S Mr. Santhosh J R Moderator: Ms. Deepa Anand	17 th September 2021
10	Learning Disability- Help me learn	Resource Persons: Dr. Jayashree C Shanbal Dr. Chandni Jain Dr. Yashodhara Kumar G Y Moderator: Ms. Shobha B N	1 st October 2021
11	Know more about st..st.. stuttering – (In commemoration of International Stuttering Awareness Day 2021)	Resource Persons: Dr. Sangeetha Mahesh Dr. Yashodhara Kumar G Y Moderator: Ms. Seema M	22 nd October 2021
12	Mental health in children and adolescents	Resource Persons: Mr. Raju H H Dr. Sanjeev Kumar Gupta Ms. Lissiue Maria Moderator: Dr. Yashodhara Kumar G Y	29 th October 2021
13	Brain damage and Communication Disorders- Identification and Management	Resource Persons: Dr. N Hema Dr R Rajasudhakar Moderator: Ms. Geetha M P	12 th November 2021
14	Use of technology in the field of speech and hearing	Resource Persons: Mr. Manohar N Mr. Vikas M D Mr Reuben Thomas Varghese Moderator: Ms. Jyothi S	26 th November 2021
15	Welfare measures for persons with disabilities	Resource Person: Mr. Prashanth R	3 rd December 2021

		Moderator: Ms. Shobha B N	
16	Accessibility to persons with communication disabilities through Tele-mode	Resource Person: Dr. Yashaswini R Moderator: Ms. S Vijayalakshmi	3 rd December 2021
17	Educational Rehabilitation for Children ASD	Resource Person: Dr. Yashodhara Kumar G.Y	9 th February 2022
18	Prevention of hearing loss and promoting appropriate ear and hearing care practices to prevent hearing loss - World Hearing Day	Resource Persons: Dr. Devi Dr. Arun Dr. Sreeraj K	18 th February 2022
19	To hear for life, listen with care	Resource Persons: Dr. G. Rajeshwari Dr. Prawin Kumar Ms. Revathi K R	3 rd March 2022
20	Ear care-Ear wax and discharge	Resource Persons: Dr. Swathi Chandresh Dr. Prashanth Prabhu & Mr. Nagaraju B	18 th March 2022

Clubhouse talks

The following public education lectures were delivered on clubhouse social media platform by the faculty and staff of the Institute.

- Clinical services, by Dr. Sangeetha Mahesh at the Avirata Pratishtana club house, Mysuru on 3rd October 2021.
- Stuttering, by Dr. Sangeetha Mahesh at the Vishvavani Club house, Mysuru on 20th October 2021.
- Awareness on communication disorders (Telugu), by Dr. Ramadevi Sreenivas K.J., at Club House, Mysuru on 22nd October 2021.
- Activities of Department of Special Education, by Ms. Ramanakumari P.V., Clubhouse-Telugu Manasutho, Mysuru on 22nd October 2021.
- Language disorders, by Ms. Geetha, M.P., at the Anivaasi Sangeeth Sallapa Clubhouse, Mysuru on 11th December 2021.

- From Being Voiceless to Having a Voice, by Dr. Yeshoda, K., at the Orientation on Management of Voice Disorders at the Clubhouse program, AIISH, Mysuru on 27th January 2022.
- Today's parenting for child's tomorrow, by Dr. Yashodhara Kumar, G.Y., at Clubhouse, AIISH, Mysuru on 28th February 2022.
- Communication Disorders-How to identify early, by Ms. Geetha, M.P., at Clubhouse, AIISH, Mysuru on 18th March 2022.

Table 5: Social Media Statistics

FACEBOOK			
No. of Posts	Reach	Clicks	Reactions, comments & shares
171	2332758	148054	28936

LINKEDIN				
No. of Posts	Impressions	Reactions	Clicks	Engagement
43	10240	268	594	365.24

INSTAGRAM					
No. of Posts	Likes	Comments	Interactions	Reach	Impressions
66	7452	55	9914	71720	91991

TWITTER		
Tweets	Impressions	Profile Visits
58	9572	3005

YOUTUBE	
No. of Posts	Views
70	15565

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 programs were conducted to educate the public on the prevention and management of communication disorders. Thirty-one camps were conducted, and thousands of the general public were educated on communication disorders.

Public Orientation/Sensitization Programmes

In addition to the monthly public lecture series conducted at the campus, the Institute organized orientation lectures/sensitization programs on the prevention of communication disorders in various localities in Mysuru and nearby districts under the aegis of the Department of Prevention of Communication Disorders and the Department of Clinical Services. The Newborn Screening and Outreach Service centres were also involved in public orientation. Eleven thousand, nine hundred six persons, including senior citizens, students, industry workers, and teachers, benefitted from 224 orientation programs conducted at AIISH and 192 programs at the OSCs centers, and 101 programs at the NBS during the reporting year. The details are given in table 6 & 7.

Table 6: Target group-wise beneficiaries of Public Orientation/Sensitization Programmes

Sl. No.	Target Group	Number of Beneficiaries
1.	School Teachers	600
2.	General Public	4613
3.	Parents/caregivers of Hearing impaired children	45
4.	Industrial Workers	671
5.	ASHA workers/ Anganwadi Workers & Health facilitator and supervisors/program manager	408
6.	Audiologists/Speech language Pathologists	112
7.	Nurses	1029
8.	Hospital Staff	96
9.	Doctors	342
10.	Expecting Mothers/ Post-Partum Mothers	1804
11.	Students of Professional courses	2166
12.	Elderly Individuals	20
	Total	11906

Table 7: Centre-wise beneficiaries of Public Orientation/ Sensitization Programmes

Centres	Total number of Orientation Programs	Total number of Participants
POCD	224	7044
OSC	192	3739
NBS	101	1123
	517	11906

Resource Exchange and Education through Care and Hope (REECH)

The Department of Clinical Services conducted six orientation lectures under the REECH program during the reporting year and created awareness among parents/caregivers on the management of individuals with communication disorders. The details are given in table 8.

Table 8: Resource Exchange and Education through Care and Hope

Sl. No.	Resource Person	Topic	Date
1.	Mr. Santhosh J R., Physiotherapist	General guidelines for about Physiotherapy for parents of individuals with cerebral palsy	30.04.2021
2.	Ms. Srishti Hegde, Occupational therapist	Role of occupational therapy in the management of autism spectrum disorder	07.05.2021
3.	Ms. Prathima S., Speech-Language Pathologist Gr. II	Home training activities to improve articulation and suprasegmental skills in children with hearing impairment in Kannada in view of SSD awareness month	24.09.2021
4.	Ms. Deepa Anand, Audiologist/SLP Gr.II	Management of speech intelligibility	24.09.2021
5.	Ms. Prathima S., Speech-Language Pathologist Gr. II	Strategies to control drooling in Kannada in view of World Cerebral Palsy day	12.10.2021
6.	Ms. Prathima S., Speech-Language Pathologist Gr. II	Speech, language and feeding guidelines in view of world Cerebral Palsy Day'	12.10.2021

Observation of Commemorative Days

The following commemorative days associated with speech and hearing and allied fields were observed at the Institute benefitting lakhs of people from different walks of life across the country and abroad.

1. World Autism Awareness Day on 2nd April 2021
2. World Voice Day on 16th April 2021
3. International Day of Sign Languages on 23rd September 2021
4. World Cerebral Palsy Day on 6th October 2021
5. World Mental Health Day on 10th October 2021
6. International Stuttering Awareness Day on 22nd October 2021
7. The culmination of International AAC Awareness week on 1st November 2021
8. International Day for Persons with Disabilities on 3rd December 2021
9. World Hearing Day on 3rd March 2022

Mass Media based Public Education

Radio Programs

The Institute, in collaboration with the All India Radio and Community Radio Stations in Karnataka, organized several public education programs during which the experts of the Institute delivered talks and answered queries of the general public regarding communication disorders. The details of the radio programs broadcasted during the year are given in table 9.

Table 9: Radio Programs

Sl. No	Topic	Expert (s)	Radio Channel	Broadcasted date
1.	Home training for children with ASD	Dr. Jayashree C Shanbal, Dr. Yashodhara Kumar G Y & Dr. Kadambari Naniwadekar	Janadhwani Radio 90.8 MHz, Mysuru	7 th April 2021
2.	ARTs as a therapy – Music for holistic development of CWCD	Ms. Ramanakumari P V	Janadhwani Radio 90.8 MHz, Mysuru	14 th April 2021
3.	Dietary issues in children with ASD	Dr. Jayashree C Shanbal & Dr. Ullasini J	Janadhwani Radio 90.8	21 st April 2021

			MHz, Mysuru	
4.	Educational options for children with ASD	Dr. Jayashree C Shanbal & Ms. Shobha B N	Janadhwani Radio 90.8 MHz, Mysuru	28 th April 2021
5.	Educational rehabilitation of children with HI	Dr. Jayashree C Shanbal & Ms. Vijayalakshmi S	Janadhwani Radio 90.8 MHz, Mysuru	12 th May 2021
6.	Speech therapy guidelines for the parents with special children in this pandemic situation.	Ms. Deepa R	Janadhwani Radio 90.8 MHz, Mysuru	31 st May 2021
7.	Educational options for children with cerebral palsy	Smt. Prathima S	Janadhwani Radio 90.8 MHz, Mysuru	9 th June 2021
8.	Educational rehabilitation of ID children	Ms. Sumana H P	Janadhwani Radio 90.8 MHz, Mysuru	14 th July 2021
9.	Comprehensive care, support & treatment for persons with disabilities	Mr. Raju H H	Janadhwani Radio 90.8 MHz, Mysuru	14 th July 2021
10.	Educational rehabilitation for children with autism	Dr. Gayathri Krishnan	Radio 100.6 FM, Mysuru	8 th September 2021
11.	Do's & Don'ts in common cold	Dr. G. Rajeshwari	Radio 93.5 FM, Mysuru	15 th September 2021
12.	Learning disability	Dr. Priya M B	Janadhwani Radio 90.8 MHz, Mysuru	13 th October 2021
13.	Communication disorders	Ms. Anuroopa K S	Akashvani Radio, Madikeri	30 th October 2021
14.	Therapeutic rehabilitation of children with cleft lip & cleft palate	Dr. R. Gopi Sankar	Janadhwani Radio 90.8 MHz, Mysuru	10 th November 2021
15.	Newborn hearing screening and its	Dr. Arunraj K & Mr. Kalaiyarasan R	Radio 101.4 FM, Chennai	15 th November 2021

	importance & communication disorders			
16.	Educational rehabilitation of children with multiple disability	Dr. Jayashree C Shanbal & Dr. Anitha Ravindra	Janadhwani Radio 90.8 MHz, Mysuru	8 th December 2021
17.	To hear for life listen with care	Dr. Sandeep M	Janadhwani Radio 90.8 MHz, Mysuru	3 rd March 2022
18.	Educational rehabilitation of children with Hearing Impairment	Ms. Geetha M.P Dr. Mamatha & Ms. P.V. Ramanakumari	Janadhwani Radio 90.8 MHz, Mysuru	9 th March 2022

Television Programs

The experts of the Institute also participated in the public education programmes organized by different television channels including Doordarshan. The details of television programmes broadcasted during the reporting year are given in table 10.

Table 10: Television Programs

Sl. No.	Program	Expert (s)	Television Channel	Broadcasted date
1	Overview of AIISH	Dr. Sreedevi N & Dr. Rueben Varghese	Dooradarshan Malayalam	20 th September 2021
2	Tinnitus: The problem and its management	Dr. Sreeraj K & Dr. Gayathri Krishnan	Dooradarshan Malayalam	21 st September 2021
3	Care and maintenance of hearing aids	Dr. Ajish K Abraham & Ms. Sreevidya M S	Dooradarshan Malayalam	22 nd September 2021
4	Speech problems in children	Dr. Swapna N & Ms. Sreevidya M S	Dooradarshan Malayalam	23 rd September 2021
5	Behaviour and emotional problems and its management in children with communication disorder	Mr. Freddy Antony & Dr. Gayathri Krishnan	Dooradarshan Malayalam	24 th September 2021
6	Special educational services at AIISH	Ms. Shobha B N & Ms. Vijayalakshmi S	Dooradarshan Kannada	27 th September 2021

7	Hearing related problems	Dr. Rajalakshmi K & Ms. Revathi	Dooradarshan Kannada	28 th September 2021
8	Care and maintenance of hearing aids	Mr. Manohar N & Ms. Sumana H P	Dooradarshan Kannada	29 th September 2021
9	Voice problems in children and adult	Dr. Sundar Raju H., Dr. Yeshodha K & Ms. Prathima S	Dooradarshan Kannada	30 th September 2021
10	Special programme	Ms. Vijayalakshmi S & Children with Special Needs	Dooradarshan Kannada	1 st October 2021
11	Overview of AIISH	Dr. Vijetha P & Mr. Rajkumar R	Dooradarshan Telugu	4 th October 2021
12	Facilities at Special Education Department, AIISH	Ms. Ramankumari P V & Mr. Rajkumar R	Dooradarshan Telugu	5 th October 2021
13	Hearing related problems	Dr. Nisha K V & Mr. Nagaraj	Dooradarshan Telugu	6 th October 2021
14	Ear related problems in children	Dr. Lakshmi Purushothama & Mr. Nagaraj	Dooradarshan Telugu	7 th October 2021
15	Hearing problems and management	Dr. Devi N & Mr. Arunraj	Dooradarshan Tamil	26 th November 2021
16	Speech disorders and management	Dr. Gopishankar R & Mr. Pradeep	Dooradarshan Tamil	29 th November 2021
17	Language problems	Dr. R. Rajasudhakar & Mr. Jawahar Antony	Dooradarshan Tamil	30 th November 2021
18	Hearing related problems	Dr. Goswami S P & Dr. Prithi Venkatesh	DD Ahmedabad DD Bhopal DD Bihar DD Jaipur	21 nd & 22 nd December 2021
19	Hearing related problems	Dr. Prawin Kumar & Dr. Chandni Jain	DD Ahmedabad DD Bhopal DD Bihar DD Jaipur	22 nd & 24 th December 2021
20	Vertigo and its management	Dr. Sujith Kumar Sinha, Dr. Neeraj Singh & Ms. Priyanka Jaisingania	DD Ahmedabad DD Bhopal DD Bihar DD Jaipur	23 rd , 26 th & 27 th December 2021

Newspaper and magazine articles

The faculty and staff of the Institute authored and/or provided input for many popular articles on prevention and management of communication disorders in newspapers and magazines as detailed below.

1. The leading national and regional newspapers reported the news on the '*World Autism Day*' observation at the Institute on 3rd April 2021.
2. The *Vijaya Karnataka*, *Andolana* and *Prajavani* newspapers on 16th April 2021 covered the news on Phone-in program conducted at the Institute in connection with the *World Voice Day*.
3. The '*Vijaya Karnataka*' newspaper published an article titled 'Namma Dhwani -Namma Rakshane' by Dr. T.K. Prakash, Associate Professor in ENT, AIISH on 16th April 2021.
4. The *Deccan Herald*' newspaper published an interview with Dr. M. Pushpavathi, Director, AIISH, about the clinical care and public education activities of the Institute on 18th April 2021.
5. '*Mysooru Mithra*' and '*Star of Mysore*' published a featured article titled '*Unique Pre-school for Special Children*' regarding the AIISH Pre-school on 19th and 26th April 2021, respectively.
6. The leading national and regional newspapers published the news regarding the temporary closing of OPD services of the Institute due to Covid-19 on 24th April 2021.
7. The leading national and regional newspapers published a report on 'Special Education Program at AIISH' on 24th April 2021.
8. The leading national and regional newspapers published the news on getting World Hearing Forum membership on 24th April 2021.
9. The '*Andolana*' newspaper on 24th April 2021, covered news on the experience of Ms. Anushka, an autism spectrum disorder child, and her mother, Smt. Ashima Bhattacharji regarding the phone - in program conducted by AIISH.
10. The leading newspapers published news on '*Tele-Service facilities for Communication Disorders at AIISH*' on 28th and 30th April 2021.

11. The *Star of Mysore*, *Deccan Herald*, and *The Times of India* newspapers on 11th May 2021 published a report titled *Avail tele-mode services at AIISH*.
12. The NSS chronicles, the E-Magazine of NSS Unit, AIISH published an article titled 'Mental Health-A Spiritual Perspective' by Mr. Manohar. N, Head, Department of Electronics on 15th June 2021.
13. *The Star of Mysore*, *Vijaya Karnataka*, and *Mysooru Mitra* on 15th June 2021 published a news report titled *Aatada Jotengondu Paatha*'.
14. The *Star of Mysore*, *Andolan*, and *Prajavani*, published a news report titled *School Going Special Children*, regarding the AIISH Facebook Live Phone-In Program on 1st, 2nd and 3rd July 2021, respectively.
15. The *Andolana* Newspaper on 9th July 2021 published a news report on *Hands-on workshop on Audiological Evaluation in Simulated Mode*, organized by AIISH & JSSISH, Mysuru.
16. The *Star of Mysore*, *Vijaya Karnataka*, and *Mysuru Mithra* newspapers published a news report about the AIISH produced video title *Aatada Jothebondu Paata* (Learn Lesson Though a Game) on 9th, 15th and 16th June, 2021, respectively.
17. *The Times of India* news paper on 16th July 2021, published a news report on AIISH Facebook Live Phone-in program on *Cleft Lip and Palate*.
18. The *Vijaya Karnataka* Newspaper published a news report on *Awareness of hearing problems in individuals affected with Covid-19* on 29th June 2021.
19. The *Vijaya Karnataka* newspaper, on 24th July 2021, published an article on *Employment opportunities for diploma holders, B.Ed., M.Ed. and UG/PG graduates in the area of speech and hearing* by Dr. M. Pushpavathi, Director, AIISH.
20. The *Vijaya Karnataka* and the *Star of Mysore* newspapers published a news report on *AIISH Screening App* on 26th and 30th August 2021, respectively.
21. The *Star of Mysore* and *The Times of India* newspapers published a news report on the AIISH Facebook Live phone-in program on *Rehabilitation of Children with Cerebral Palsy* on 15th and 16th September 2021, respectively.

22. The national and regional newspapers published news report on *AIISH activities to reach common people* in commemoration of International Sign Language Day 2021 on 23rd September 2021.
23. 'The Hindu' newspaper published a news report on *World Sign Languages Day* on 28th September 2021.
24. 'Vijaya Karnataka' a leading Kannada daily published an article on '*Speech Disorders*' written by Deepa Ananda, Department of Clinical Services on 29th September 2021.
25. The 'Star of Mysore' and 'Deccan Herald' published a news report on AIISH Facebook Live Phone-in Program on *Know more about Stuttering* on 21st and 22nd October 2021, respectively.
26. The *Star of Mysore, Deccan Herald* and *Vijaya Karnataka* newspapers published news report on AIISH Facebook Live Phone-in Program on *Mental Health in Children and Adolescents* on 28th October 2021.
27. 'Vishvavani' online e-paper published an article on 'ಖಿನ್ನತೆ, ಹಿಂಜರಿಕೆಯೇ ತೊಡಲುವಿಕೆಯ ಮೂಲ' written by Dr. Sangeetha M., Department of Clinical Services on 5th November 2021.
28. The *Andolana* newspaper published an article on ತೊಡಲಿನ ಬಗ್ಗೆ ನಿರ್ಲಕ್ಷ್ಯ ಬೇಡ (*Stuttering*) on 11th November 2021.
29. *The Hindu*, and *Deccan Herald* newspapers published news report on AIISH Facebook Live Phone-in Program on *Brain Damage and Communication Disorders - Identification and Management* on 11th November 2021.
30. The *Star of Mysore, Vijaya Karnataka, Deccan Herald* and *The Times of India* published a news report on *New-born Care Week* celebration at AIISH on 16th November 2021.
31. The *Star of Mysore, The Hindu*, and *Deccan Herald* newspapers published news report on AIISH Facebook Live Phone-in Program on *Use of Technology in Speech and Hearing* on 25th November 2021.
32. *The Hindu*, and *Deccan Herald* newspapers published news report on AIISH Facebook Live Phone-in Program on *Welfare Measures for Persons with Disabilities* on 2nd and 3rd December 2021, respectively.

33. The *Star of Mysore*, *Vijaya Karnataka* and *Deccan Herald* newspapers published a news report on the prize winners of the AIISH at Inter-College Cultural Competition on 20th November 2021.
34. The *Star of Mysore* newspaper published the appreciation of Smt. Jayanthi Amrutesh, regarding the services of the AIISH under, the title *Kudos to AIISH Services*, in *Voice of the Reader* column on 28th December 2021.
35. A news item on the 53rd National Conference of the Indian Speech and Hearing Association was published by '*Times of India*', *Samyuktha Karnataka*, *Prajavani Star of Mysore*, and *Mysore Mithra* newspapers on 20th February 2022.
36. *The Times of India*, *The Vijaya Karnataka*, *The Andolana*, and *The Star of Mysore* newspapers published news report on *Safe Listening*, the Live Phone-in Program, organized by AIISH on the occasion of World Hearing Day program on 1st March 2022.
37. *The Deccan Herald* published an article '*World Hearing Day: Loud music can induce hearing loss*' written by Dr. Ajith Kumar U., Professor of Audiology, AIISH on 3rd March 2022.
38. '*The Dainik Bhaskar*' a leading Hindi Daily newspaper, published an article '*Noise induced hearing loss on hearing*' written by Dr. Chandni Jain, Associate Professor in Audiology, AIISH on 3rd March 2022.
39. '*The SuddhiSanje*', '*Vijayavani*', '*The Andolana*' and '*The Kannada Prabha*' published news report on '*Speech and Hearing Camp*' conducted by AIISH at Hanur Taluk, Chamarajanagara District on 29th and 30th March 2022.
40. '*The Vijaya Karnataka*', '*The Kannada Prabha*' and '*The Star of Mysore*' newspapers published news report on Facebook Live Phone-in program on '*Autism and Sensory Integration*' organized by AIISH as a part of the World Autism Awareness Day' on 31st March 2022.

EXTRACURRICULAR ACTIVITIES

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

AIISH GYMKHANA

AIISH Gymkhana is a platform to promote the extracurricular activities of the Institute students, staff, and their family members. The Gymkhana functions with an elected body represented by the students and staff. Due to the pandemic restrictions, the Gymkhana avoided some of the significant annual events like AIISH Awaaz. The rest of the events were conducted by the following covid-19 protocols, in virtual or physical modes.

Talents Day: The Gymkhana provided an opportunity to showcase staff children's creative and cultural talents in virtual mode on 11th June 2021.

Sports Day was organized from 12- 17th August 2021 with various sports events such as football and volley ball.

Independence Day: The 75th Independence Day was celebrated at the Institute on 15th August 2021. Colonel A.M. Ramachandra, Retd., was the chief guest of the function, and Dr. M. Pushpavathi, Director, AIISH, hoisted the flag and spoke on occasion.

Teachers Day: The Institute celebrated the teachers day, on 8th September 2021, in virtual mode.

Kannada Rajyotsava: The Kannada Rajyotsava celebration was organized at the Institute from 1st to 3rd November 2021 with various competitions for staff and students.

Cultural Evening: Cultural evening was arranged for the NAAC Inspection team on 29th December 2021, with the students performing some colourful events on the theme 'Gender equality'. A few children with special needs also showcased their talent.

Azaadi Ka Amrit Mahotsav: The Iconic week was celebrated from 3 – 7th January 2022 with various cultural events that depicted the Cultural diversity of India.

Fresher's Day and Talents' day: The fresh batches were welcomed with ice-breaking games and activities and a set of cultural events were organized that showcased the student's talents on 13th January 2022. Pratibhapuraskar was distributed on 13th January 2022 to children of AIISH gymkhana members for excelling in their 10th and 12th qualifying examination.

Republic Day Celebration: The Republic day was celebrated on 26th January 2022.

Ayur Arogya Saukhya : Gymkhana initiated Ayur Arogya Saukhya series of talks related to health and well being. One-hour talks were organized on 11th February 2022 on the topic 'Be Well Women'; and on "Towards becoming a strong professional-Building resilience" on 25th February 2022

National science day: The National Science Day was celebrated on 28th February 2022 in remembrance of the great Indian Scientist, Dr. C. V. Raman. Various competitions were held for staff and students of AIISH.

Sports activities: Football (AIISH Football League) and Handball tournaments were organized for the staff and students on 24 – 26th February 2022 and Cricket (AIISH Premier League) and Volleyball tournaments were also organized on 5-6th March 2022.

International Women's Day 2021: International Women's Day was celebrated on 8th March 2022 with various interesting activities for staff and students.

Farewell and Felicitation: The AIISH Gymkhana felicitated the superannuated and the employees who resigned from the Institute service during the year 2021-22. The employees felicitated were: Dr. Venkatesan, S., Professor of Clinical Psychology, Dr. Rajalakshmi, K., Professor of Audiology, Ms. Shanthi, R., Upper Division Clerk, Shri. Raju, V., Multi-Tasking Staff, Shri. Shivaprakash, P., Assistant Gr-II, Ms. Nagalakshmi, Executive Assistant Gr.II.

International Mother Language Day: The International Mother Language Day 2022 was celebrated on 21st March 2022.

NSS UNITS

The two NSS units of the Institute carried out the following activities during the period.

- A talk on '**Swachta in Institutions**' by Dr. M. R. Seetharam, President, Swami Vivekananda Youth Movement, Mysuru on the occasion of Swachhta Pakhwada on 17th April 2021. Around 150 NSS volunteers participated in the event.
- The NSS Units celebrated International Yoga Day on 21st June 2021. A Webinar on the theme 'Yoga at home, Yoga with family' was held as a part of the event during which Dr. Usha Manjunatha, Mangalore, took a class on basic yoga postures. Around one hundred ninety volunteers participated in the event.
- In collaboration with the Human Library, Mysuru Chapter, the NSS Units organized '*Human Library*' program. The volunteers were split into nine groups like 'female solo cyclist' 'mental health illness', and 'cancer survival', and read books of their choices.
- A guest lecture on *Polycystic Ovarian Syndrome* by Dr. Leela Sravanthi Veeradhi, Consultant Gynecologist, Bangalore was organized, on 14th July 2021, in virtual mode.
- The volunteers cleaned the Institute main campus by picking up plastic and other garbage lying in and around on 25th September 2021. Also, they planted tree saplings on the Varuna campus.
- The native Kannada-speaking senior volunteers taught the Kannada language to 53 UG and 29 PG volunteers who joined AIISH in their first year. A total of eight classes were conducted throughout the semester.
- The volunteers attended the Pan India Legal Awareness and Outreach Program on 25th October 2021. On the occasion, the Honourable III Additional District

and Sessions Judge, Sri Jerald Mendonca, Mysuru, spoke on the Prevention of Corruption Act, 1988, and Lokayukta Act.

- The volunteers cleaned the Naimisham and Panchavati campuses of the Institute by picking up plastics and other non-decomposable garbage lying in and around the premise on 30th October 2021. The collected garbages were handed over to the Mysore City Corporation for disposal.
- A team of the Institute NSS volunteers participated in the Youth Cultural Festival at Mysuru and won prizes in singing and dance competitions. The festival was jointly organized by the Office of the National Service Scheme, University of Mysore, Mysuru, and the Department of Youth Empowerment and Sports, Govt Karnataka, on 1st November 2021 at Chamundi Vihaar Stadium.
- Ms. Priya Subramanian, Breath-Work Coach, and Ms. Tanvi Pandey, Life Skill Coach, Art of Living Youth Wing, Bangalore, delivered guest lectures to the NSS volunteers on Master Your Emotions on 24th November 2021. The program was conducted online, where 125 NSS volunteers attended and clarified their queries in the question and answer session.
- The NSS advisory committee meeting was held on 6th December 2021 for the academic year 2021-22 in virtual mode for both Unit 1 and Unit 2. The programs proposed include adventure, shramadan, social service, and health-related activities. The NSS Chairman, vice-president gymkhana, NSS student leaders, Academic Co-ordinator, NSS Programme officers, Assistant Program Officers, and other members who have experience in social service attended the meeting.
- The new volunteers admitted to the NSS units were oriented on the history of the National Service Scheme and its Objectives on 16th December 2021. Around 325 volunteers attended the program held in the seminar hall, Knowledge Park. The senior NSS volunteers narrated their experiences and explained the benefits of becoming an NSS volunteer.

- NSS Special camp: The AIISH-NSS units conducted 2-day speech & hearing camp on 11th and 12th of March, 2022 in Hyakanuru village, T. Narasipura taluk, Mysuru district in co-ordination with Pratham-Mysore, (a social organizations, on the occasion of World Hearing Day. A total of 20 personnel (12 NSS volunteers and 8 staff members) attended the camp. Detailed evaluation and management of various communication disorders were carried out by the experts from AIISH. Totally 191 patients benefited from the camp and 14 patients referred to AIISH for further evaluation.

OFFICIAL LANGUAGE IMPLEMENTATION

Hindi Training

Twenty Institute staff members underwent Hindi training in Prabodh, Praveen, Parangat and Pragya 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 as detailed in table 1.

Table 1: Hindi training for staff

Sl. No.	Session / Period	Name of the Training	No. of staff trained
1	Jan-May 2021	Prabodh	1
		Pravin	1
		Pragya	1
		Parangat	3
2	July-Nov 2021	Prabodh	3
		Pragya	1
		Parangat	3
3	Jan-May 2022	Pravin	4
		Pragya	2
		Parangat	1

Material Translation/ Development

The following materials were translated into official language during the reporting year.

1. Administrative forms
2. Annual Report 2020-21
3. Institute Website Translation
4. Noting / Circulars/ Advertisement

Internal Workshop: An Internal Workshop on Hindi was conducted on 24th June 2021 on the topic प्रथम एक दिवसीय आंतरिक हिंदी कार्यशाला, Dr. Alok Kumar Upadhyay, Associate Professor and Head, Dept. of Special Education, Dr. Sanjeev Kumar Gupta, Clinical Psychologist, Dept. of Clinical Psychology, AIISH, Mysuru and Dr. Sarvesh Kumar Maurya, Associate Professor, Regional Institute of Education, Mysuru, served as the resource persons for the workshop. The lectures delivered in the workshop are given in table 2.

Table 2: Internal Workshop

Sl. No.	Topic	Resource person/s
1.	Rights of persons with disabilities Act-2016	Dr. Alok Kumar Upadhyay
2.	Ways to live a stress free life	Dr. Sanjeev Kumar Gupta
3.	Use of standard Hindi	Dr. Sarvesh Kumar Maurya
4.	Hindi in future	Dr. Sarvesh Kumar Maurya

Hindi Week Celebration

Hindi Week was celebrated at the Institute from 13th to 20th September 2021. Dr. M. Pushpavathi, Director inaugurated the celebrations on 13th September 2021 in virtual mode. Various competitions such as pamphlet preparation, essay writing, pick and speak, general knowledge quiz were held for the staff and JRFs under two categories, native Hindi speakers and non-native Hindi speakers.

Dr. Sundara Raju, Director In-charge, inaugurated the valedictory sessions held on 20th September 2021 and distributed cash prize and awards to winners of competitions and the judges of competitions were honoured.

Word-a-day in Hindi

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

Meetings conducted

The official language implementation meetings held during the reporting year are given in table 3.

Table 3: OLI Meeting

Sl. No.	Meeting	Date
A	Quarterly OLIC Meeting	
	1 st Meeting	9.06.2021
	2 nd Meeting	30.09.2021
	3 rd Meeting	21.12.2021
B	Nodal Officers Meeting	
	1 st Meeting	30.06.2021
C	TOLIC Meeting at CIIL, Mysuru	
	1 st Meeting	30.08.2021
	2 nd Meeting	15.12.2021

Official Language Implementation Meetings attended at the Ministry

- Dr. Alok Kumar Upadhyay, Associate Professor & Head, Department of Special Education, AIISH attended the Official Language Implementation Committee meeting of the Ministry of Health and Family Welfare, Govt. of India, held under the chairmanship of Sri. Alok Saxena, Joint Secretary on 23rd June 2021, in virtual mode.
- Dr. Alok Kumar Upadhyay, Associate Professor & Head, Department of Special Education, AIISH, attended the Official Language Implementation Committee meeting of the Ministry of Health and Family Welfare, Govt. of India on 28th September 2021.
- Dr. Alok Kumar Upadhyay, Associate Professor & Head, Department of Special Education, AIISH attended the Official Language Implementation Committee meeting of the Ministry of Health and Family Welfare, Govt. of India, held under the chairmanship of Sri. Alok Saxena, Joint Secretary on 15th December 2021, in virtual mode.

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, AIISH adjudicated the first prize for the Department of Tele-Center for Persons with Communication Disorder and second price for the Department of Material Development under the 'Department' category during the year 2021-22. Under the 'Administrative Section' Category, the Director's Office won the first price and Purchase Section won the second price.

AWARDS AND HONOURS

Awards hosted by other organizations

1. Dr. Pushpavathi, M., received Dr. N. Rathna Oration Award hosted by the Indian Speech and Hearing Association at the 53rd Annual Conference of the Indian Speech and Hearing Association held on 19th and 20th February 2022, Mysore
2. Dr. Pushpavathi, M., received the Mysuru Ratna award during the Women's Day Celebrations organized by Rotary Mysore in association with GSS Events and Inner Wheel Club of Mysore Gold on 12th March 2022.
3. Dr. Ajith Kumar U., received the Padma Shri Prof. S. Kameswaran Oration Award at the 53rd ISHACON, Mysuru, 19th – 20th February 2022.
4. Dr. Sundara Raju S., was honored by the Sir. M. Vishweshwaraiah Sewerage Workers Welfare Association on the occasion of National Doctors Day 2021, 2nd July 2021.
5. Mr. Reuben Thomas Varghese, received the AOCNR 2021 Young Investigator Award at the 4th Asia Oceanian Congress of Neuro-Rehabilitation 2021, Mumbai, 6th-8th August 2021.
6. Ms. Aishwarya A., received Arathi Venkataraman Memorial Gold Medal for securing the first rank in M.Sc. (Audiology) Examination 2021, University of Mysore, Mysuru.
7. Ms. Hina Fathima Fazal Khan, received Dr. P.D. Manohar Gold Medal for scoring the first rank in the M.Sc. (Speech-Language Pathology) Examination 2021, University of Mysore, Mysuru.
8. Ms. Chandana S., received Dr. Natesh Rathna Gold Medal for securing the first rank in B.ASLP Examination 2021, University of Mysore, Mysuru.
9. Mr. Prateek Lokwani., received Arathi Venkataraman Gold Medal for securing the first rank in M.Sc. (Audiology) Examination 2021, at 102nd Annual Convocation of University of Mysore, Mysuru.

10. Ms. Banumathi, received the National Hearing Care in Audiology Gold Medal for scoring the highest marks in the course titled *Audiology* of the B.ASLP Examination 2021, University of Mysore, Mysuru.
11. Ms. Megha Manikandan A., received 3rd prize in the final rounds on '*Policy presentation on city*' at the National Level Festival of Democracy-Prajatantra 2021, organized by the Prajatantra Foundation, Mumbai, 25th-28th August 2021.
12. Dr. Ajith Kumar U. and Ms. Shezeen Abdul Gafoor, received the Best Paper Award for the paper titled *Articulatory rehearsal auditory working memory performance: Effect of oral Anesthesia* at the 1st AIISH Audiology Convention, Mysuru, 11th-12th November 2021.
13. Dr. Megha and Mr. Jawahar Antony P., received the Best Paper Award (under oral presentation category) for the paper titled *Profile of audiological assessment for cochlear implant candidacy in children in India* at the 18th National Conference of Cochlear Implant Group of India, Bengaluru, 12th-14th November 2021.
14. Dr. Prawin Kumar, Dr. Niraj Kumar Singh, Mr. Nirnay Kumar Keshar, Ms. Shejal Kasera, and Ms. Nayana M., received the Best Paper Award for the paper titled *Saturation of map parameters in children with cochlear implants: Effects of time since implantation and age* at the 18th Cochlear Implant Group of India Conference, Bengaluru, 12th-14th November 2021.
15. Dr. Ajith Kumar U. and Ms. Deepashree Ramachandra received the Best Oral Paper Award for the paper titled *Relationship between auditory brainstem responses and red-blood cell indices in new-born babies* at the 53rd ISHACON, Mysuru, 19th – 20th February 2022.
16. Dr. Santosh, M., received the Muktesh Award for the best paper in Speech-Language Pathology for the paper titled *Parent-related outcome measures for intervention of stuttering in preschool children who stutter* at the 53rd Indian Speech and Hearing Association Conference (virtual), Mysuru on 19th to 20th February 2022.

17. Dr. Sandeep M. and Ms. Kriti Arora received the Best Paper presentation in Audiology for the paper titled *Effect of type of stimuli on the benefit derived from envelope enhancement of speech in individuals with auditory neuropathy spectrum disorder babies* at the 53rd ISHACON, Mysuru, 19th-20th February 2022.
18. Dr. Devi, Mr. Darga Baba Fakruddin, Mr. Hemanth Kumar, S., Ms. Havyasree M, Ms. J.S Gowri and Ms. Ines Parvin received Manohar Memorial Award for Best paper presentation in Audiology for the paper titled *Questionnaire based survey on adverse effect of the use of mask due to Covid 19 pandemics on Speech* at the 53rd ISHACON, Mysuru, 19th-20th February 2022.
19. Seven undergraduate students under the leadership of Ms. Ameena, II BASLP, participated in the National Level Festival of Democracy, organized by Prajatantra Foundation, Mumbai from 25-28 August 2021 and bagged prizes at various levels.

Awards hosted by the Institute

1. Ms. Chandana S., received Sri. D.K. Venkatesha Murthy Gold Medal for scoring the highest marks in the B.ASLP Examination 2021, University of Mysore, Mysuru.
2. Ms. Nivedha Rao N., received Dr. Vijayalakshmi Basavaraj Gold Medal for scoring the highest marks in M.Sc. (Audiology) Examinations 2021, University of Mysore, Mysuru.
3. Ms. Hina Fathima Fazal Khan received Smt. Jayalakshmi Gold Medal for scoring the highest marks in the M.Sc. (Speech-Language Pathology) Examination 2021, University of Mysore, Mysuru.
4. Ms. Hina Fathima Fazal Khan received the Friends United Organization Endowment Scholarship for scoring the highest marks in the M.Sc. (Speech-Language Pathology) Examination 2021, University of Mysore, Mysuru.

5. Ms. Monika Tetwal received Smt. T.V. Alamelu Gold Medal for scoring highest marks in the course titled *Speech Production* of M.Sc. (Speech-Language Pathology) Examination 2021, University of Mysore, Mysuru.
6. Mr. Prasanna S., received Dr. R. Sundar Gold Medal for scoring the highest marks in the course titled *Speech-Language Processing/Speech-Language Perception* of M.Sc. (Speech-Language Pathology) Examination 2021, University of Mysore, Mysuru.
7. Ms. Srividya S., received Smt. R. Sumithramma and Sri. R.K. Rajagopala Gold Medal for scoring the highest marks in Clinical Practicum of M.Sc. (Audiology) Examinations 2021, University of Mysore, Mysuru.
8. Mr. Sabin Sharma Duwadi received Dr. Shyamala & Mrs. Revathi Chengappa Endowment award for securing the highest marks in the course titled *Language Pathology* of the M.Sc. (Speech-Language Pathology) Examinations 2021, University of Mysore, Mysuru.
9. Ms. Shashirekha N., received the Abhilash Award for the Best Student Clinician in M.Sc. (Speech-Language Pathology).
10. The Department of Tele-Center for Persons with Communication Disorders won the first prize and the Department of Material Development won the second prize for the Best Execution of Hindi under the 'Department' category and the Director's Office and Purchase Section won the first and second prize, respectively under the 'Section' category. The awards were hosted by the Official Language Implementation Section, AIISH.
11. Dr. Chandni Jain, and Dr. Kadambari N., won the first and second prizes, respectively in the Pamphlet Preparation in Hindi competition (*Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
12. Dr. Devi N., Dr. Priya M.B., and Smt. Jyothi S., won the first, second, and third prizes, respectively in Pamphlet Preparation in the Hindi competition

(*Non-Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.

13. Vrushali Shinde, and Dr. Chandni Jain, won the first and second prizes, respectively in the Hindi Essay Writing competition (*Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
14. Dr. Priya M.B., Ms. Nithyashree R., and Ms. Kusuma R., won the first, second, and third prizes, respectively in the Hindi Essay Writing competition (*Non-Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
15. Dr. Kadambari N., and Ms. Shashi Mishra, won the prize in Pick and Speak Competition (*Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
16. Mr. Sabin Sharma Duwadi, Ms. Srushti Shabnam., Ms. Kranti Acharya, and Dr. S. Ramkumar, won the prize in Pick and Speak competition (*Non-Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
17. Ms. Shashi Mishra, and Dr. Chandni Jain, won the prize in the Hindi dictation competition (*Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
18. Dr. N. Swapna, Ms. Nagalakshmi, and Mr. Sabin Sharma Duwadi, won the prizes in the Hindi dictation competition (*Non-Hindi Speaker*), organized by the Official Language Implementation Section as a part of Hindi week celebrations.
19. Dr. Jayashree C Shanbal, Mr. Prasanth, Ms. Anju R., Ms. Archana U, and Mr. Sabin Sharma Duwadi, won the first prize, Ms. Kranti Acharya, Ms. Ankitha S., Ms. Srividya S., Ms. Merina Thomas, and Ms. Christy Sebastian, won the second prize and Ms. Shruti Shabnam, Ms. Hina Fathima, and Ms. Syeda Sameera Taj won third prize in General Knowledge Quiz on Official

Language Hindi (Oral) competition, organized by the Official Language Implementation Section as a part of Hindi week celebrations.

20. Mr. Manikantaswamy, secured a prize in the Short Film competition on Learning Disability, conducted by LD Clinic, AIISH, Mysuru.

OTHER ACTIVITIES AND EVENTS

Infrastructure Development and Maintenance

The Institute's infrastructure development and maintenance activities 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. 1,27,05,000/- towards civil engineering infrastructure maintenance during the period. The major works completed include providing cubicles with storage units in the J.R.F.room, academic block classrooms, roadside drain with RCC covering slab for staff quarters, front of garden room, AIISH main campus, construction of garden storerooms with toilets, fixing P.C. sheet roof truss to the open staircase area and type-3 quarters, construction of gas cylinder storage cells in D-type quarters, construction of solid waste management pits, angular truss sheet roof over compost pits, painting of gents & ladies hostel, repair of flooring and inner wall painting at JRF room, providing roof water proofing D-type staff quarters, renovation and beautification of canteen premise, stainless steel mesh to the windows of speech building, and R.C.C. concrete flooring of inclusive therapy park, practical lab renovation work in old admin block, dismantling class room stage & flooring with mat finish flooring tiles at academic block at the AIISH main campus.

Centre of Excellence

All India Institute of Speech and Hearing (AIISH), was upgraded in the year 2013 as Centre of Excellence in the field of communication disorders by the Ministry of Health and Family Welfare, Government of India. A building with a functional area of 1,22,200 Sq. ft. is getting completed to house the activities of the Centre of Excellence. The following centers/sections have started functioning in the Centre of Excellence building by the end of the reporting year. The Centre of Excellence is expected to become fully functional by August, 2022.

- a) Center for Informatics and Patents & Rehabilitation Engineering, Acoustics Biomedical Engineering
- b) Center for AAC & Sign Language
- c) Center for Hearing Sciences
- d) Center for Hearing Impairment In Children, Adult And Senior Citizens
- e) Engineering Section
- f) Office of the Dean Infrastructure, Planning and Support

Speech and Hearing Museum

The Executive Council of the Institute had approved the proposal for setting up a speech and hearing museum at AIISH, Mysuru. The museum is spread over seven floors, with a functional area of 8,654 sq. ft. and has the unique architectural design in the shape of a human head. The construction of the museum building is being undertaken by M/s. Hindustan Steelworks Construction Limited, a public sector undertaking and is expected to be completed by 31st June, 2022. The procedure for interior design as well as design and fabrication of exhibits for the museum was initiated.

Establishing AIISH Like Institutions at Kanpur and Agartala

The Ministry of Health and Family Welfare, Government of India approved the proposal to establish AIISH-like Institutions in Kanpur, Uttar Pradesh and Agartala, Tripura.

- **AIISH Kanpur:** Institute issued Letter of Indent (LOI) for Project Management Consultancy to M/s. National Projects Construction Corporation Ltd. (NPCC), for setting-up AIISH Kanpur. NPCC will setup the infrastructure required for the Institute in the 20.17 acres of land provided by government of U.P. in Surar Village, Tehsil – Kanpur Sadar, District – Kanpur Town, Kanpur, U.P. M/s. NPCC has appointed M/s. CP & DS Associates as the Architectural and Engineering Consultants for construction of AIISH, Kanpur. The infrastructure is expected to be handed over to the institute by December 2023.
- **AIISH Agartala:** Government of Tripura allocated 12 acres of land bearing plot number 1219/p in Mouja Mohanpur, Tehsil – Mohanpur, District – West

Tripura, Agartala, Tripura. The land needs to be inspected and taken over by the Ministry of Health and Family Welfare, Government of India. The Institute will initiate the process for setting up AIISH Agartala once the land is taken over by the Ministry.

I.T. and Other Infrastructure

The institute had spent a total amount of Rs. 4,17,17,061.97/- for procurement of equipment, IT infrastructure development and electrical installation and maintenance. The major activities carried out include, UG Cabling Work, beraphone transducer, renewal of Microsoft email services, HUB room, renewal of webex video conferencing, split AC at audiometric rooms, wifi facility for AIISH campus, hearing aids, wireless video con system, upgradation of Internet lease line, re-conditioning of earth pits & HT yard, lift upgradation, Server upgradation and replacing of cat 5 ethernet cables by CAT 6A.

Landscape and Garden Development

The horticulture section is responsible for overseeing the landscape and garden maintenance of the Institute. During the reporting year , the Section carried out the following developmental works: (a) construction of shade net house in the main campus spending Rs. 5,91,000/-, (b) supply of red soil for garden development work near the park in the main campus spending Rs. 65,000/-,(c) development of garden adjacent to the bank premise in the main campus spending Rs. 14,26,000/-,and (d) development of lawn behind the centre of excellence building spending Rs. 6,25,000/-.

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 R.T.I. queries both in offline and 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 Act's provisions for seeking information by the

public. The details of R.T.I. related queries received and disposed of during the reporting year are given in table 1.

Table 1: R.T.I. Services

Sl.No.	Category	Number/ Rupees
1	Received (<i>including cases transferred to other PAs</i>)	87
2	Decisions where requests/appeals rejected	1
3	Decisions where requests/appeals accepted	74
4	First appeals received	9
5	Registration fee collected u/s 7(1)(Rs.)	770
6	Additional fee collected u/s 7(3)(Rs.)	45

Library and Information Centre

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

- **Acquisition of Information Resources:** Totally, 281 print books were purchased during the reporting year, making the total collection 23019. In addition, 27 national/international journals in electronic format and three online bibliographic databases, were subscribed, and 111 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 1,99,500 e-books and 6000e-journals as a part of N-LIST service of the Information and Library Network, University Grants Commission, Govt. of India.
- **Information Services:** The various information services provided during the reporting year include book lending, reference, online public access catalogue, web portal based CD-ROM, plagiarism detection, bibliographic management, remote login, ISBN allotment, language lab, NLIST, ERMED, scholarly writing support (Grammarly), web based e-JAIISH, question papers, syllabus and

faculty publications, institutional repository, and VPN- based resource access to the DHLS centers.

- **Orientation Programs and Workshops:** Orientation programs were organized for the newly joined students, and a workshop on academic integrity and plagiarism, was conducted during the reporting year.

Product Development and Distribution

The Institute publications were sold under the aegis of the Product Development Cell, generating Rs. 4,91,107/-.

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	6064
Printing	69481
Video	1333
Scanning	1553
Designing	1901
Content development/modification & translation with typing	483

Personnel Management

Staff Strength: Four teaching and eight non-teaching staff members were appointed on regular basis during the period. With this, the regular staff strength of the Institute increased to 168, which includes 46 Group A, 60 Group B, 48 Group C, and 14 multitasking staff. Besides, six contract staff were engaged by the Institute to cater shortage of staffing requirements in the various departments of AIISH. Further, 85 non-faculty staff were engaged on contract basis. This includes those who served their mandatory bond period after post-graduation, technical staff at various DHLS/NBS/OS centres, and 23 persons engaged for the various extramural/intramural projects carried out in the Institute. The overall strength of contract staff during the year was 108.

Upgradation & MACP: Four faculty members were re-designated and upgraded to their next higher pay level. In addition, five staff were promoted under Modified Assured Career Progression. The details are given in table 3.

Table 3: Staff Promotion

Sl. No.	Name and designation	Upgraded Pay band
Regular Promotion-Faculty		
1	Dr. Devi N., Associate Professor in Audiology	Level 12 of VII CPC
2	Dr. Sangeetha M., Associate Professor	Level 12 of VII CPC
3	Dr. Geetha C., Associate Professor in Audiology	Level 12 of VII CPC
4	Dr. Chandni Jain, Associate Professor in Audiology	Level 12 of VII CPC
Modified Assured Career Progression		
5	Dr. C Shijith Kumar, Library & Information Officer	Level 12 of VII CPC
6	Dr. Gayathri Krishnan, Audiologist /SLP Gr. II	Level 7 of VII CPC
7	Smt. Deepa Anand, Audiologist / SLP Gr. II	Level 7 of VII CPC
8	Sri. Ravi Shankar M S, Junior Technical Officer	Level 6 of VII CPC
9	Sri. K. Nagaraja, Assistant Grade III	Level 6 of VII CPC
10	Sri. H.Chowdaiah, Group C (M.T.S.)	Level 4 of VII CPC
11	Sri. S. Mahadeva, Group C (M.T.S.)	Level 4 of VII CPC

Retirement/ Resignation/ Voluntary Retirement: Eight staff members, Prof. Venkatesan S., Professor of Clinical Psychology, Prof. Rajalakshmi K., Professor of Audiology, Ms. Nagalakshmi, Executive Assistant, Gr. II, Sri. Shiva Prakash, Assistant Gr. II, Sri. Suresh B., Assistant Gr. I., Sri. Mohammed Khalemulla, Senior Accountant, Sri. Mahadeva and Sri. Raju, M.T.S., were superannuated from the regular service during the reporting year, four others, Dr. Amrita Kanchan, Assistant Professor in Clinical Psychology, Mr. Anil Choudhary, Hindi Translator, Dr. Jithin Raj, Audiologist Gr. II and Lissie Maria, Clinical Psychologist resigned from the service, and Smt. Shanthi R., Assistant Gr.II, took voluntary retirement.

In-house Training / Staff Enrichment Programmes

The Institute staff members were provided training in recent advances about their professional field to meet the continuing education needs. Ninety-five in-house training / Staff enrichment programs were carried out during the reporting year on the following topics.

1. Activities of POCD-PAN India
2. A.E.P. assessment (Cortical potentials)
3. Anatomy & physiology of peripheral and central vestibular system
4. Screening instruments for cognition and behavior in patients with A.L.S
5. Risk factors associated with unilateral hearing loss in children
6. Aphasia and apraxia of speech treatment
7. Art and crafts in development of children with special needs
8. A screening tool to detect stroke aphasia (FAST) in the Indian context
9. Audiological evaluation
10. Auditory verbal therapy
11. Automated speech based screening for Alzheimer's disease
12. Automatic detection of mild cognitive impairment from spontaneous speech
13. Basic care and life support trainers
14. Bedside assessment
15. Brain products multi-channel ERP: Instrumentation and recording
16. Candidacy for cochlear implantation and its management
17. C.B.R., Adaptation of questionnaires
18. Central auditory processing disorder
19. Classroom adaptations for children with cerebral palsy and learning disability
20. Clinical management of speech sound disorders

21. Common ear problems
22. Criterion validity of F.Y.I. and Q-CHAT
23. Cry features of healthy neonates
24. Cryptography and blockchain technology
25. Data entry and data processing
26. Detection test for language impairments in adults and the aged
27. Differential diagnosis of middle ear disorders
28. Early screening of autism spectrum disorder using cry features
29. Ear Wax & Syringing
30. Effect of delivery modes on hearing screening results
31. Embryology of ear
32. Enhancing psychological well-being during COVID-19 pandemic
33. ERP in research for doctoral researchers
34. Error analysis and mastery level of learning
35. Expert speak: Best practices in patient counselling
36. External collaboration on ERP
37. Evaluation protocol in cases of vertigo
38. Hands on training of SPSS data
39. Head righting reflex in newborns
40. Hearing aid programming
41. Hearing aid-trouble shooting and maintenance
42. Hearing loss and cortical changes
43. I.E.P. and functional programming for children with special needs
44. Language nutrition for language health in children with disorders
45. Lateral medullary syndrome
46. Management of children with learning disability
47. Methodological aspects of testing VEMP in infants at UHSP
48. Enhancing psychological well-being during COVID-19 pandemic
49. Multi-channel ERP – Phase 1 & 2
50. Multi-channel event-related potentials
51. National Education Policy 2020
52. New AABR
53. New range of Danavox hearing aids and remote programming
54. Outcome measures of hearing aids
55. Overview and management of children with cerebral palsy
56. Phonogenic voice problems
57. Practical demonstration of tele-assessment and tele-intervention
58. Practical demonstration on A.B.R., EM, R.E.M. and E.A.C.
59. Practice guidelines on specific learning disorder
60. Programming of Hansaton hearing aids

61. Recent advances and evidence based practice
62. Recording vital signs
63. Remote programming of hearing aids
64. Re Run: Global perspectives on Universal Newborn Hearing Screening
65. Re Run: Innovations in sound processing technology for improved hearing outcomes
66. Risk factors associated with unilateral hearing loss in children
67. Risk factors for communication impairment
68. Robotics middle and inner ear surgery
69. Role of occupational therapy in managing sensory issues
70. School-based language screening among primary school children
71. Screening instruments for cognition and behavior in patients with A.L.S.
72. Speech perception practical, tinnitus & hyperacusis
73. Speech-language pathologist's role in screening for head and neck cancer
74. Stages of listening training
75. Stages of speech development
76. Swallowing problems in children and its management
77. Systematic analysis of language transcripts
78. Teaching language to children with hearing impairment
79. Tele-practice as a reaction to the COVID -19 crisis
80. Tele-assessment and tele-intervention
81. Testing protocols and procedures of HE and H.A.T. training
82. The caregiver reported autistic symptoms in preschool children
83. The criterion validity of F.Y.I. and Q-CHAT
84. The speech-language pathologist's role in screening for head and neck cancer
85. Risk factors for communication impairment
86. Tonal language experience induced functional asymmetries
87. Usefulness of hearing aids
88. Verbal task and motor response for adults during hearing screening
89. Vestibular assessment and management
90. Voice care management for teachers
91. Well-being and resilience in children with speech and language disorders
92. 3-D printer demonstration
93. Cryptography and blockchain in technology
94. Introduction to PROMPT

Induction Programme for New Staff

The Establishment Section of the Institute functioning under the Administration Department organized an induction programme for the newly joined staff. The experts working in different departments and sections of the Institute oriented the new staff on objectives, vision and mission of the Institute, its departments, sections, units and cells, academic programmes offered, various clinical services provided, outreach services and public education, conduct rules and its importance, vigilance and its importance, general finance rules, tender process, general administration, fundamental rules, supplementary rules, right to information act, leave rules, promotion, medical leave, child care leave and leave travel concession. A physical visit to all the departments and sections was arranged as a part of the programme. Totally, 22 staff attended the induction programme.

Purchase

During the reporting year, a total amount to the tune of Rs.7,47,37,961.49/- (yet to verify the final amount from purchase section) was spent for purchasing various articles through Government eMarket and Central Public Procurement Portal.

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, O.B.C., P.H. and E.W.S. in matters relating to recruitment and promotions shall be fully applicable. The concessions in payment of fees as per Govt. of India orders has been extended to the candidates belonging to those category. One Group 'A' officer has been nominated as Liaison Officer respectively for SC/ST and O.B.C. to monitor, coordinate and to aid and advise the Director in matters related to the 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 S.C.s and S.T.s and O.B.C. as on 31st March 2022 are given in table 4.

Table 4: Regular staff: Filled strength

Group	Filled strength	SC	UR	ST	OBC	PWD	EWS
Group A	46	4	31	1	10	-	-
Group B	60	7	38	3	10	1	1
Group C	48	5	33	1	6	3	-
Group C (MTS)	14	6	7	-	1	-	-
	168	22	109	5	27	4	1

The number of scheduled caste and scheduled tribe students admitted to various academic programs offered by the Institute during the reporting year are given in table 5.

Table 5: SC/ST Students Admitted

Courses	SC	ST	Total
Undergraduate	12	06	18
Postgraduate	15	06	21
Diploma	-	-	-
Total	27	12	39

Technological Consultancy Services

The Department of Electronics is equipped with state-of-the-art equipment and expertise in acoustic noise measurements. The department carried out the following consultancy services during the reporting year.

- 1) Noise measurement of one air compressor model PRANAA from M/s. Scan Ray Technologies Pvt.Ltd. KIADB, Hebbal, Mysuru
- 2) Electroacoustic evaluation of nine hearing aids from M/s. Arphi Electronics Pvt. Ltd., Chennai
- 3) Electroacoustic evaluation of 44 hearing aids from The Director of Welfare of the Differently Abled, Chennai
- 4) Electro Acoustic Evaluation of 38 BTE hearing Aids from State commissioner for persons with disabilities, Chennai
- 5) Calibration of one android based audiometer from M/s. Nautilus Hearing Solutions Pvt. Ltd., Hubli

- 6) Calibration of one instrument of android based audiometer from M/s. Nautilus Hearing Solutions Pvt. Ltd., Hubli
- 7) Calibration of the one instrument (Pure tone audio graph implanting raspberry Pi 3) from Sri Krishnadevaraya University, Ananthapuram
- 8) Calibration of one Kivi Audiometer from M/s. Nautilus Hearing Solutions Pvt. Ltd., Hubli

Swachh Bharath Activities

Institute was actively involved in promoting Swachhta related activities during the reporting year. Developing new infrastructure to encourage Swachhta associated activities on the campus was the major objective for the year. The following initiatives were taken up in this direction.

- i. A solid waste management plant was built in the Institute's main campus's north-eastern corner to segregate degradable and non-degradable waste.
- ii. Completed the renovation of old toilets and bathrooms in Kuteera building.
- iii. Carried out the beautification of gardens at the premises of ladies hostel, silver jubilee park, and the center of excellence building.
- iv. Completed the construction of shade net area to carry out horticulture-related activities and restroom for garden personnel.
- v. Developed an inclusive of therapy park

Environmental Conservation Activities

The Institute is committed to protect and conserve the campus's biodiversity and environment. The Horticulture Section, NSS Unit, and Swachatha Committee took a series of activities and measures to enhance the greenery and natural resource of the campus. Thses include:

- Construction of a sewage treatment plant on the main campus to treat the wastewater generated from hostels, quarters, guesthouse, etc..
- Creation of a a new landscape at the bank premise of the main campus
- A tree plantation activity in all the three campuses with the support of faculty, staff, and students on 9th August 2021.
- Anti-plastic drives on the campus and removal of non-biodegradable wastes.

- Use of steel water bottles instead of plastic by the employees.
- Promotion of fabric banners and posters and ban on flux banners.

Gender Sensitization

The Institute set up a Gender Sensitization Committee to handle and respond to gender-sensitive issues and pr

ovide an environment where men and women can work together with a sense of security and dignity. The following activities were conducted under the aegis of the Committee during the period.

- A dedicated recreation room was arranged for the girl students in the academics block
- An Open Gym for ladies was constructed in front of the ladies' hostel
- A health camp addressing the orthopedic issuss of female staff was organized
- A guest lecture on satvik diet and its usefulness, by Dr. Vinutha, Ayurvedic Doctor, Mysuru was arranged for the female staff and students

Barrier-Free Environment

The institution provides a barrier-free environment where people with disabilities can move about safely and freely and use the facilities within the built environment. Every building is equipped with ramps and elevators for easy access to classrooms, clinics, and other facilities. During the reporting year, the Institute introduced a transportation service for the elderly and physically disabled persons with communication disorders using a battery-operated vehicle.

Vigilance Activities

The Institute deputed a Senior Professor to serve as the Vigilance Office as per the guidelines of the Central Vigilance Commission. The various vigilance activities carried out during the reporting year are given table 6.

Table 6: Vigilance Activity

Sl.No	Activity	
1	Issue of Vigilance Clearance	
	• On superannuation	05
	• On resignation	05
	• Forwardal of application to outside post	11
	• Completion of probationary period	10
	• For appointment outside institute	12
	• For financial upgradation under MACP scheme	02
	• Voluntary retirement	03
	• Applying for passport renewal	01
2	Complaints received	
	• Received without signature, by post	01
	• Received pertaining to staff	01
3	Ongoing Enquiries	
	• Fake job promise	01
4	Workshops/ Guest lecture organized	
		01
5	Administrative	
	• Activities related to Vigilance awareness week	01
6	Preventive Vigilance Activities	
	• Induction training for new recruits on Integrity & Vigilance	02
7	Participation in Opening/meeting of Tender/Quotations/Auctions	
	• Building Works committee meeting	03
	• Purchase negotiation meetings	05
8	Other Activities	
	• Observation of Vigilance Awareness Week from 26 th October to 1 st November 2021	
	• Monitoring the implementation of job Job rotation	
	• Sensitization of new recruits on vigilance and proper conduct	
	• Monitoring the timelines followed in certification of suppliers' bills and payment	
	• Took steps to bring the purchases under the ambit of GeM and CPP portal	
	• Along with the Purchase Section, encouraged the local vendors of the Institute to register on GeM.	

Eminent Visitors – The eminent personality visited the Institute during the reporting year.

Name	Date
Dr. Sanjay Mujral Assistant Professor & Incharge Speech & Hearing Unit, Department of ENT PGIMER, Chandigarh	17 th September 2021
Dr. Suman Kumar Deputy Director Ali Yavar Jung National Institute of Speech and Hearing Disabilities, Noida	17 th September 2021
Shri. Vikas Sheel, I.A.S Additional Secretary Ministry of Health and Family Welfare Govt. of India New Delhi	9 th October 2021
Shri. Prathap Simha Hon'ble Member of Parliament Mysuru-Kodagu Lok Sabha Constituency	9 th October 2021
Smt. K. K. Shailaja Former Minister of Health & Member of the Legislative Assembly, Kerala	22 nd November 2021
Mr. Lakshmikanth Reddy Commissioner Mysore City Corporation Mysuru	25 th November 2021
Smt. Roopa, IPS Additional Commissioner , Mysuru	25 th November 2021
Prof. Jaspal Singh Sandhu Vice Chancellor Gurunanak Dev University Amritsar, Punjab	29 th December 2021
Prof. (Dr.) Lt Col Ravikumar Arunachalam Pro-Vice Chancellor Medical & Health Sciences, S.R.M. Institute of Science & Technology Chennai, Tamil Nadu	29 th December 2021
Dr. Sujata Bhan Professor and Head	29 th December 2021

Department of Special Education SNDT Womens'University Mumbai	
Dr. Vijay Nath Mishra Professor, Department of Neurology Institute of Medical Sciences Banaras Hindu University Varanasi, Uttar Pradesh	29 th December 2021
Dr. N. Rathna Former Director, AIISH	29 th December 2021
Shri. Raghavendra Hunsur Founder and producer of Z-TV, Kannada	3 rd February 2022
Shri. Arjun Janya Renowned Music Director, Kannada Film Industry	14 th March 2022