



Last update : 31.03.2024



ALL INDIA INSTITUTE OF SPEECH AND HEARING: MYSORE-06

4.5.4 List of schemes/ projects/ programme underway

Period: 2023-24

List of Extramural Projects underway

Sl. No.	Investigators		Title	Year of sanction	Amount sanctioned Rs.	Funding Agency
	PI	Co-PI / Co-I				
1.	Dr.Pushapavathi M	Dr.Sreeraj K Dr. Prashanth Prabhu Dr. Nisha K V	Cognitive, linguistic, and auditory profiling in children with repaired cleft lip and palate	2023	52,09,317	DST (3 Years)
2.	Dr. Niraj Kumar Singh	Dr. Prawin Kumar Dr. Brajesh Priyadarshi Dr. Amrutha Kanchan	The effects of age-related balance dysfunction on cognition and verbal communication	2023	12,57,0160	DST (3 years)

3.	Dr. Prashanth Prabhu	Dr. Nisha K V	Mapping psychoacoustical, neurophysiological and cognitive benefits of yoga and meditation: A cross sectional study across age	2023	17,88,302	DST (3 years)
4.	Dr. Niraj Kumar Singh	Dr. Prawin Kumar Dr. Prakash T K Dr. Brajesh Priyadarshi Dr. Amritha Kanchan	Effect of vestibular impairment and vestibular rehabilitation therapy on cognition and language processing	2020	81,25,440	DST (3 years)
5.	Dr. Sandeep M	Dr. Santhosh M	Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss	2018	47,52,000	DST (3 years)
6.	Dr. Ajith Kumar U	Dr. Sandeep M	Auditory and cognitive consequences of dys-synchronous auditory nerve activity.	2018	44,00,000	DST (3 years)
7.	Dr. Jayakumar T	Dr. K Yeshoda	Effect of cognitive load on speech and voice characteristics across lifespan	2020	28,00,000	DST
8.	Dr. Sangeetha M	-	Acoustic and perceptual analysis of disfluencies in children with stuttering – Pre and post comparison	2020	25,00,000	DST
9.	Dr. M Pushpavathi	-	Cognitive linguistic abilities in children with cleft lip and palate: Phase II	2021	19,87,000	DST
10.	Dr. Prawin Kumar	Dr. Niraj Kumar Singh Dr. Brajesh Priyadarshi & Dr. Amritha Kanchan	Relationship between behavioural and electrophysiological indices of cognition and language in children with auditory processing disorders and co-morbid conditions	2017	37,64,000	DST (3 years)

11.	Dr. Animesh Barman & Dr. Swapna N	Dr. Prashanth Prabhu	Neuro-audiological profiling of children with specific language impairment	2018	33,88,000	DST (3 years)
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### List of ARF Research Projects underway

Sl. No.	Investigators		Title	Duration	Year of sanction	Sanction No.	Amount in Rupees
	PI	Co-PI					
1.	Dr. Santosh M	Dr. Rakesh C V Dr. Martine Vanryckeghem Pegasus	Behaviour Assessment Battery: Adaptation and establishing psychometric properties of four BAB subtests on Kannada speaking people who do and do not stutter	1 Year	2022 (Third Cycle)	SH/RCS/ARF-SLS/TC-01/2023-24 Date: 02.11.2023	533000.00
2.	Dr. M. Irfana	Dr. N. Sreedevi Dr. C. S. Swathi	Development, standardization and validation of a multidimensional test battery for phonological skills in Telugu speaking children(MTBPT)	2 Years	2022 (Third Cycle)	SH/RCS/ARF-SLS/TC-03/2023-24, Date: 02.11.2023	970000.00
3.	Dr. Sangeetha Mahesh	Dr. Sanjeev Kumar Gupta	Treatment Efficacy of speech restructuring and cognitive-behavior therapy in adults who stutter	1 Year	2022 (Third Cycle)	SH/RCS/ARF-SLS/TC-04/2023-24 Date: 02.11.2023	853000.00
4.	Ms. SindhusaChandran	Dr. Swapna N	Translation, adaptation and validation of the Behavioural Paediatric Feeding Assessment Scale in Kannada (BPFAS-K)	1 Year	2022 (Third Cycle)	SH/RCS/ARF-SLS/TC-05/2023-24 Date: 02.11.2023	498000.00

5.	Dr. Prashanth Prabhu P	-	Estimation of the prevalence of hyperacusis in general population and those with complaint of tinnitus– An epidemiological study	1 Year	2022 (Third Cycle)	SH/RCS/ARF-AUD/TC-06/2023-24 Date: 02.11.2023	520000.00
6.	Dr. Geetha C	Dr. Jawahar Antony	Profiling of pre-operative factors and post-operative outcomes in children using cochlear implants	1 Year	2022 (Third Cycle)	SH/RCS/ARF-AUD/TC-08/2023-24 Date: 02.11.2023	518000.00
7.	Dr. Chandni Jain	Dr. Devi N Ms. Jyothi S <u>Ms. SimranSoni</u>	A longitudinal study on speech, language, hearing and cognitive outcome of listening training in children with cochlear implant	2 Years	2022 (Third Cycle)	SH/RCS/ARF-AUD/TC-09/2023-24 Date: 02.11.2023	1937000.00
8.	Dr. Geetha C	Dr. Jawahar Antony Ms. Monika Tetwal	Development and validation of pre-implant counselling module	2 Years	2022 (Third Cycle)	SH/RCS/ ARF-AUD/TC-10/2023-24 Date: 02.11.2023	1962000.00
9.	Ms. Sahana P	Ms. SindhushaChandra n	Prevalence of communication disorders in lower primary school children of urban regions Mysuru District	2 Years	2022 (Third Cycle)	SH/RCS/ARF-AUD/TC-11/2023-24 Date: 02.11.2023	9,96,000.00
10.	Mr. Sharat Kumar. P	-	Patent Landscaping of audiological inventions and its filing status in India	1 Year	2022 (Third Cycle)	SH/RCS/ARF-IPR/TC-12/2023-24 Date: 02.11.2023	520000.00
11.	Dr. Mahesh BVM	Dr. Swapna N, Dr. Mili-KuruvillaDugdale	Impact of ageing on articulatory kinematics in healthy elderly Kannada speaking adults	18 Months	2022 (Second Cycle)	SH/RCS/ARF-4/2023-24 Date: 19.05.2023	732000.00
12.	Mr. Saravanan P	Dr. Megha	Optimisation of stapedial reflex measurements in paediatric cochlear implant users: Effect of middle ear function and methodological factors	1 year	2022 (Second Cycle)	SH/RCS/ARF-5/2023-24 Date: 19.05.2023	473000.00

13.	Mr. Prajeesh Thomas	Dr. P. Jawahar Antony	Comparison of basic and advanced features of hearing aids in unilateral and bilateral fitting in adults with sensorineural hearing loss	1 year	2022 (Second Cycle)	SH/RCS/ARF-6/2023-24 Date: 19.05.2023	473000.00
14.	Dr.Irfana M	Dr. N. Sreedevi	Efficacy of ultrasound imaging technique as biofeedback for speech sound correction in children with hearing impairment	1 year	2022 (Second Cycle)	SH/RCS/ARF-9/2023-24 Date: 22.05.2023	473000.00
15.	Dr. KV. Nisha	Dr. UshaShastri Dr. Mohan Kumar K	Development of Communication Strategies Training (CST) module for adults with hearing impairment: A preliminary study on training efficacy in offline and online modes	1 year	2022 (Second Cycle)	SH/RCS/ARF-03/2023-24 Date: 19.05.2023	503000.00
16.	Dr. Gayathri Krishnan	Dr.Vasanthalakshmi M S Dr. Balaji R	Evidence for efficacy of electrotherapy in management of oro-pharyngeal dysphagia: A systematic review and scope for meta-analysis	1 year	2022 (First Cycle)	SH/ARF-FC/SL-6/2022-23 Date: 10.10.2022	488000.00
17.	Dr.Shijith Kumar C	Mr. NanjundaSwamy M Ms. RamanaKumari P V	Development of a Massive Open Online Course on Intellectual Disability Care (IDC-MOOC)	1Year	2022 (First Cycle)	SH/ARF-FC/SE-3/2022-23, Date: 28.09.2022	410000.00
18.	Dr. Jayashree C Shanbal	Ms. Prathima S Ms. DeepaAnand Dr.GopiSankar R	Development of Audio-Video database on oral sensory-motor skills in children with communication disorders	1 year	2022 (First Cycle)	SH/ARF-FC/SL-11/2022-23 Date: 10.10.2022	1071000.00
19.	Dr. N Devi	Dr.Raksha A Mudar Dr. K V Nisha	Auditory functioning abilities and quality of life in order adults with	1 year	2022 (First Cycle)	SH/ARF-FC-AUD-5/2022-23	540000.00

		Ms. Shraddha A Shende	hearing impairment and their relationships to cognitive control: A comparison between face-to-face and tele assessment'			Date: 28.09.2022	
20.	Dr. Chandni Jain	Dr.Saransh Jain Dr. Chetak K R	The association between peripheral & central auditory abilities and protein energy malnutrition in children	1 year	2022 (First Cycle)	SH/ARF-FC/AUD-6/2022-23 Date: 28.09.2022	585000.00
21.	Dr. Hema N	Dr.Sangeetha M Ms.Geetha M P	Development of Kannada language test for school-age children: 7 to 15 years	1 year	2022 (First Cycle)	SH/ARF-FC/SL-8/2022-23 Date: 28.09.2022	538000.00
22.	Dr.Sreeraj K	Dr.Vikas M D Dr. Charles Sylvester Dr. Rajesh Kundapur	Contribution of mitochondrial genetic factors in individuals with tinnitus	1 year	2022 (First Cycle)	SH/ARF-FC/AUD-1/2022-23 Date: 28.09.2022	1463000.00
23.	Ms. Sindhu P	Dr. N Devi Dr.Hemanth N	Development and validation of web based auditory and auditory-cognitive training program in Kannada for children with central auditory processing disorder	1 Year	2022 (First Cycle)	SH/ARF-FC/AUD-72022-23 Date: 23.11.2022	1272000.00
24.	Dr.Vasantha Lakshmi M S	Dr.Gayathri Krishnan Dr. R GopiSankar	Retrospective analyses of clinical records – Implications for Epidemiology of communication disorders: Phase I	1 Year	2022 (First Cycle)	SH/ARF-FC-3/2022-23 Date: 10.10.2022	718000.00
25.	Dr. SatyapalPuriGoswami	Dr.AvanthiPaplkar Dr. Abhishek B P Dr.Vandana V P Dr.SuvarnaAlladi Dr. Deepak	Development of a regional dataset to estimate prevalence of aphasia: A multi-centric hospital-based study from Karnataka	1 Year	2022 (First Cycle)	SH/ARF-FC/SL-7/2022-23, Date: 23.11.2022	510000.00

		Mr. A V Sumanth					
26.	Dr.Reuben Thomas Varghese	Mr. Rajkumar R Ms. Rubby Mr. KarthikVenkatSridaran	Development of a web-based tool for Speech and Hearing professionals to facilitate communication through Indian Sign Language while providing Clinical Services	1 Year	2022 (First Cycle)	SH/ARF-FC/SL-12/2022-23, Date: 28.09.2022	537000.00
27.	Dr. PritiVenkatesh	Ms. Sreevidya M S	Development of rhymes and investigating their impact on Concept Learning in Malayalam speaking children with Intellectual disability	1 Year	2022 (First cycle)	SH/ARF-FC/SE-2/2022-23, Date: 23.11.2022	434000.00
28.	Dr. N Sreedevi	Dr.Arunraj K Dr. Sonia Manappa	Outcome measures of awareness programs to expectant mother son communication disorders	1 year	2022 (Second Cycle)	SH/RCS/ARF-10/2023-24 Date: 02.06.2023	533000.00
29.	Mr. Akash V S	Dr. Freddy Antony	The pattern of cognitive performance in adolescents with mild intellectual disability, below average intelligence, and average intelligence	1 Year	2022 (Second cycle)	SH/RCS/ARF-11/2023-24 Date: 02.06.2023	365000.00
30.	Dr. Prashanth Prabhu P	-	Prevalence of Misophonia in general population and those with complaint of tinnitus- An epidemiological study	1 Year	2022 (Second cycle)	SH/RCS/ARF-8/2023-24 Date: 19.05.2023	473000.00
31.	Dr.Prawin Kumar	Dr. M Bhanukumar Dr. Niraj Kumar Singh Mr. Vipin Ghosh & Dr. Kumari Apeksha	Electrophysiological assessment of auditory and vestibular neural functioning in individuals with Diabetes Mellitus	3 years	2018	SH/CDN/ARF-AUD-8/2018-19 dated; 09.10.2018	488000.00

32.	Dr. Sandeep M & Dr. Abhishek B P	Dr. Chandni Jain	Behavioural and electro physiological correlates of lexical semantic activation in high and low proficient bilinguals	1 year	2018	SH/CDN/ARF-AUD-3/2018-19 dated; 06.11.2018	488000.00
33.	Dr. Priya M B	Dr. N. Sreedevi	Stimulability assessment as an outcome measure of phonological intervention in Kannada speaking children with speech sound disorders	1 year	2020	SH/RCS/ARF-SLS-1/2020-21 Dated: 26.10.2020	500000.00
34.	Dr. Alok Kumar Upadhyay	Dr. Palnaty Vijetha & Ms. P V Ramana Kumari	Development and checking the effectiveness of training module for preschool parent empowerment program (PPEP) for children with special needs at AIISH	AIISH	2021	SH/RCS/ARF-Spl. Edn. - 4/2021-22. Dated; 08.12.2021	830000.00
35.	Dr. Ajish K Abraham	Dr. Leena Mary & Dr. N Sreedevi	Modifying the design of Automated Malayalam Articulation Test to improve accuracy for evaluation of children with severe articulatory disorders	AIISH	2021	SH/RCS/ARF-Inter-disciplinary-11/2021-22. Dated: 03.09.2021	580000.00
36.	Dr. Ajish K Abraham	Dr. Anil Kumar Vuppala & Dr. Sangeetha Mahesh	Development of an automatic speech processing-based system for assessment of stuttering in Kannada speaking adults	AIISH	2021	SH/RCS/ARF-Inter-disciplinary-12/2021-22. Dated: 15.09.2021	1267000.00
37.	Dr. Geetha C	Dr. Santosh M	Effect of rhythm of the background language and working memory on speech perception in elderly hearing impaired individuals	1 year	2021	SH/RCS/ARF-AUD-2/2021-22 Dated: 02.08.2021	545000.00



38.	Mr. Karthik Venkat Sridaran	Dr. V Vivek Mr. Reuben Thomas Varghese & Dr.Ajish K Abraham	Development of Visual Scene Display (VSD) based Augmentative and Alternative Communication (AAC) system	1 year	2021	SH/RCS/ARF-Inter-disciplinary-9/2021-22 Dated:23.08.2021	540000.00
39.	Mr. Arunraj K	Dr.Animesh Barman	Probing hidden hearing loss in individuals with different levels of noise exposure	1 year	2021	SH/RCS/ARF-AUD-10/2021-22 Dated:23.08.2021	483000.00
40.	Dr. P Manjula	Dr. Geetha C	Late latency potentials as auditory performance indicators in cochlear implantees	1 year	2021	SH/RCS/ARF/AUD-1/2021-22 Dated:02.08.2021	545000.00
41.	Mr. Srikar Vijayasarathy	Dr.Animesh Barman	Association between speech in noise perception and different measures of bottom-up and top-down processing across age in adults with normal hearing sensitivity.	1 year	2021	SH/RCS/ARF-AUD-8/2021-22 Dated:23.08.2021	525000.00
42.	Dr. Niraj Kumar singh	Dr.Prawin Kumar Dr.KapilSikka	Effect of cochlear implantation on middle ear and saccular function	1 year	2022	SH/RCS/ARF-AUD-3/2021-22, Date: 03.08.2021	20,00,000.00
43.	Dr. Santosh M	Dr. Vandana V P Dr.Promod Kumar Pal Dr. Ravi Yadav Dr.NitishKamble Mr. Vikram V Holla	Comparison of perceptual and few acoustic characteristics in Hindi and Kannada of persons with hypokinetic and ataxic dysarthria.	1 year	2022	SH/RCS/ARF-SLS-6/2021-22, Date: 03.08.2021	9,66,000.00