

**DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY
RESEARCH ACTIVITIES CARRIED OUT (2022-24)**

I. Research Projects

Extramural funding

#	Title	Year of sanction	Investigators	Funding agency	Fund (in `.)	Status
1.	Cognitive Stimulation Therapy (CST) for dementia: International implementation in Brazil, India and Tanzania (CST-International)	2019	Dr. Mina Chandra, Dr. Smita Deshpande, Dr. Sridhar Vaitheswaran, Dr. Murali Krishna & Dr. S P Goswami	Global Allowance for Chronic Disease (GACD) & ICMR, New Delhi Research Fund	Yet to be released	Ongoing
2.	Improving diagnosis and access to health care services for persons with dementia using android based applications by community health workers.	2019	Dr. Mina Chandra, Dr. Smita N Deshpande, Dr. Murali Krishna, Dr. S.P.Goswami, Dr. K S Shaji, Dr. Charan Singh, & Dr. Bhagyashree Raghavan	Department of Science & Technology	1,04,90,610	Ongoing

Intramural (ARF) Funding

#	Title	Year of sanction	Investigators	Funding Agency	Fund (in `.)	Status
1	Impact of Ageing on Articulatory Kinematics in Healthy Kannada Speaking Elderly	May-2023	Dr. Mahesh BVM, Dr. Swapna & Dr. Mili Kuruvilla Dugdale		7,32,000.00	Sanctioned
2	Development of Audio-Video Database on Oral Sensory-Motor skills in Children with Communication Disorders	2022-23	Dr. Jayashree C Shanbal, Ms. Prathima S., Ms. Deepa Anand, Dr. R. Gopi Sankar	AIISH Research Fund	10, 71, 000.00	In progress

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3	Retrospective analyses of clinical records-Implications foe Epidemiology of communicaiton disorders: Phase I	2022-23	PI: Dr. .M. S. Vasanthalakshmi, Dr. Gayathri Krishnan & Dr. Gopisankar Co-PI: Dr. Gayathri Krishnan		Rs.7,18,000.00	Ongoing
4	Stimulability Assessment as an Outcome Measure of Phonological Interventionin Kannada Speaking Children with Speech Sound Disorders	2020	Dr. Priya M. B. Dr. Sreedevi N.		Rs. 5,00,000	Completed

II. Doctoral thesis

Degree Awarded

Name of the Student	Title	Name of the guide
Ms. Lama Sbahi	The role of Cognition in Learning the Grammar of English as a Foreign Language	Dr. Jayashree C Shanbal
Ms. Sonam Belliappa	Use of chin-tuck against resistance and neuromuscular electrical stimulation for swallow function in Parkinsons disease: acomparative study	Dr. S.P Goswami
Ms. Eman Haidar Saleh Al Moussabi	'Development of a tool for assessing early reading skills in Arabic'	Dr. Brajesh Priyadarshi

Thesis under Progress:

Name of the Student	Title	Name of the guide
Ms. Sneha Varghese	Graphophonological Semantic flexibility and reading comprehension in children with Dyslexia	Dr. Jayashree C. Shanbal
Ms. Jothi S	Assessment of Metalinguistic Skills in Children – Tamil (AMTa)	Dr. Jayashree C. Shanbal
Ms. Sushma Manjunath	Development and validation of therapy protocol for compensatory articulation in children with repaired cleft lip and palate	Dr. M. Pushpavathi
Ms. Ceana Mariya Paul	Impact of Parent- Implemented Articulation training in Malayalam on Children with Repaired Cleft Lip and Palate	Dr. M Pushpavathi

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Mr. Madhusudhan B M	A Comparative Study on Conventional and Tele practice Mode of Articulation Therapy for Children with Repaired Cleft Lip and Palate in Kannada	Dr. M Pushpavathi
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III. Dissertation

Completed

#	Dissertation Title	Candidate	Guide
1.	Cognitive Linguistic Assessment Protocol for Children in Malayalam	Juniya Joby	Dr. Brajesh Priyadarshi
2.	Perception and psychosocial outcomes of stuttering with and without self-help group support- a group comparison	Supriya K S	Dr. Anjana B ram
3.	Development of a Screening Tool for Adolescents with Learning Disability	Bhoomika	Dr. Priya M B
4.	Listening Comprehension in Adolescents with Learning Disability: A Comparative Study	Nithyashree E	Dr. Priya M B
5.	Development of a Screening Checklist for Pragmatics in Adolescents	Divya	Dr. Priya M B
6.	Development of the Checklist for Parents of Novel AAC Users on Knowledge about AAC and Readiness to Use AAC	Divya Vernekar	Dr. Amulya P Rao
7.	Awareness and knowledge of Regular School Teachers on AAC in inclusive educational set-ups	Rinku Karathiya	Dr. Amulya P Rao
8.	Novel Nepalese word learning in adults: influence of modality and context	Dipika Gnyawali	Dr. Abshishek B P
9.	Development of a scale of communicative effectiveness for persons with aphasia	Urvi Mahajani	Dr. Abshishek B P
10.	Effect of bilingualism on age and on executive functioning	Sneha	Dr. Abshishek B P
11.	Effect of massed and distributed practice with and without summary feedback on speech motor learning in typical kannada adults	Manasa	Dr. Mahesh B V M
12.	Comparison of Speech Dysfluencies between native Malayalam speaking children with down syndrome and developmental speech fluency disorder	Saranya	Dr. Mahesh B V M
13.	Effects of maximal articulatory task performance in healthy kannada speaking elderly population	Shashank	Dr. Mahesh B V M

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Ongoing

Sl. No	Dissertation Title	Candidate	Guide
1.	Development and Validation of a Screening Tool to assess Language based Visual processing deficits in children with Developmental dyslexia	Mr. Muhammed Hashil	Dr. Jayashree C. Shanbal (Co-guide: Dr. Amoolya.G.)
2.	Cognitive Linguistic Assessment Protocol for Children in Malayalam	Juniya Joby	Dr. Brajesh Priyadarshi
3.	Perception and psychosocial outcomes of stuttering with and without self-help group support- a group comparison	Supriya K S	Dr. Anjana B ram
4.	Lexical Diversity in children with Specific Language Impairment	Subhiksha M.	Dr. Priya M B
5.	An Investigation of the components of Working Memory in Children with Learning Disability	Aslin	Dr. Priya M B
6.	Relationship between Subjective and Objective measures of Speech Intelligibility in children with Speech Sound Disorders	Priyanka S.	Dr. Priya M B
7.	Normative on motor speech profile in typical Kannada speaking adolescents	Jilda Sulthana	Dr. Mahesh BVM
8.	The effect of dual task condition on the STI of the lower lip in adults who stutter	Harshitha M	Dr. Mahesh BVM
9.	Novel Nepalese word learning in adults: influence of modality and context	Dipika Gnyawali	Dr. Abshishek B P
10.	Development of a scale of communicative effectiveness for persons with aphasia	Urvi Mahajani	Dr. Abshishek B P
11.	Effect of bilingualism on age and on executive functioning	Sneha	Dr. Abshishek B P
12.	Development of Vowel context and Phoneme Position Based Picturable words in Hindi for Intervention of children with Speech Sound Disorders	Ms. Anima	Dr. Amulya P Rao
13.	Effect of a novel approach Autism-Centered Therapy for Childhood Apraxia of Speech (ACT4CAS) on Speech and Language Skills in minimally verbal children with Autism Spectrum Disorder	Ms. Sahaja M.	Dr. Amulya P Rao
14.	Comparison of Decision making, Participation and Communication Abilities in Children with Hearing Impairment and Typically Developing Children	Ms. Chandana	Dr. Amulya P Rao
15.	Effect of background color in enhancing the symbol identification skills of children with Downs Syndrome	Chinnu Mariam Cherian	Co-Guide, Ms.Manasa A.S

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16.	Impact of Stuttering on Indian Women who Stutter: A Mixed Method Study	Ms. Harshada Barve	Co-guide: Dr. Divya Seth
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IV. Research papers presented

International Research Papers presentations

Name of the Author(s)	Title of Presentation	Name of the Event	Year	Venue
Dr. Brajesh Priyadarshi	Assessment of Cognitive Linguistic Skills in Malayalam speaking children	International Conference of Linguistic Society of India (ICOLSI-45)	21.11.23	Aligarh Muslim University, Aligarh, UP

National Research Papers presentations

Name of the Author(s)	Title of Presentation	Name of the Event	Year
Persis John, Nuha Haleema, Neha Shafeeq & Abhishek BP	Immediate and Delayed Recall for words and non-words in native and non-native speakers	RAAM-CD, Pondicherry	7 th -9 th April 2023
Sonal Priya, Swasti Trivedi & Abhishek BP	The Multifacted aspects of new word learning after critical age; An investigation of potential variables	RAAM-CD, Pondicherry	7 th -9 th April 2023
Geetha J.K, Hiba, Hema & Abhishek BP	Challenges in Profiling and diagnosing MCI, Paper	RAAM-CD, Pondicherry	7 th -9 th April 2023
Nova Maria Saji, Deepak P, Anisha & Abhishek BP	Investigating the different dimensions of semantic verbal fluency task in bilingual and multilingual adults:	RAAM-CD, Pondicherry	7 th -9 th April 2023
Abhishek BP	Loci of deficit and its relationship with the performance of real time sentence judgment,	Virtual IFNR CON	14 th -16 th April
Haripriya T, Ayisha & Abhishek BP	Alternative naming versus generative naming as an indicator for Language performance deficit and executive function deficit in Individuals with Mild Cognitive Impairment,	Virtual IFNR CON	14 th -16 th April
Ayisha, Haripriya & Abhishek BP	Trained to untrained item generalisation on test of confrontation naming in groups exposed to SFA and PCA,	Virtual IFNR CON	14 th -16 th April
Nagashreeya & Abhishek BP	Efficacy of constrained Induced Aphasia Therapy in improving verbal communication skills in	Virtual IFNR CON	14 th -16 th April

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	Persons with Broca's aphasia,		
Hidaaya & Abhishek BP	Competence of Multi-tasking in Young Neuro typical adults, paper presented under poster category	USAECON held at AIMS, Hrishikesh	14 th -16 th April (2023)
Dr. Amulya P. Rao (Co-I)	Impact of Psychosocial Factors of Parents on Home Training: A Pre-Post Comparison	1st National conference on Recent Advances in the Assessment and Management of Communication Disorders	7th and 8th April 2023
Fasna, F., Neba, F., Ramyath, A., & Gayathri, K.	Effect of Gender, Bulb Position, Visual Feedback, Order of Testing and Number of Trials on Lip and Tongue Strength and Endurance in Healthy Young Adult	Indian Speech-Language & Hearing Association-Kerala State Branch Conference	14 th -15 th October 2023
Dr. Amulya P. Rao	Impact of Modeling and Prompting Speech Stimulation Techniques on Improving Comprehension and Expression of "Wh" Questions in Children with Hearing Impairment: A Case Study	14th National Women's Congress, Matru Vedike and Tumkur Universit	15th December 2023
Dr. Jayashree C. Shanbal	Effectiveness of Oral-Motor & Feeding therapy on a child with Down Syndrome: A Single case study	55th National Conference of Indian Speech Language and Hearing Association, Science City, Kolkata	19 th - 21st January 2024
Dr. Amulya P. Rao	Impact of Counselling on Changing the Perspectives about AAC and Readiness to use AAC in Parents: A Pre-Post Comparison	55th National Conference of Indian Speech Language and Hearing Association, Science City, Kolkata	19th to 21st Jan 2024
Divya S., & Priya M. B.	Screening Checklist for Pragmatic Abilities in Indian Adolescents.	55th National Conference of Indian Speech	21st January 2024

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		Language and Hearing Association, Science City, Kolkata	
Prakruthi N Bhat, Ramya G, Rahiba Lulu, Rashmi S, & Priya M B.	Speech and Swallow characteristics following Partial Maxillectomy due to Carcinoma of Buccal Mucosa - A Case Report.	55th National Conference of Indian Speech Language and Hearing Association, Science City, Kolkata	19th January 2024
Ms. Sneha Roslyn Shaji and Dr. Amulya P. Rao	Gestures as an Augmentative Modality to Enhance the Comprehension and Expression of Tense Markers in a Verbal Child with Borderline Intellectual Functioning: A single case study	4th Conference of ISAAC India Chapter, Academic Block, AIISH	11th and 12th January 2024

V. Research Papers published
In peer reviewed journals

Name of the Author(s)	Title of the paper	Journal name	Year
National			
Sonal Priya, Swasti Trivedi & Abhishek BP	The Multifaceted aspects of new word learning after critical age; An investigation of potential variables	Indian Journal of International Psychology	2023
Abhishek BP Kiran Kumari Yesha Kajalia Nagashreeya D	Cognitive flexibility in younger and older bilingual adults: Evidence from confrontation naming and alternative fluency	Indian Journal of Gerontology	2023
Abhishek BP	Dissociation in priming for linguistic and non linguistic stimulus: An investigation in persons with Aphasia	Bangalore Speech and Hearing Trust Journal of Hearing Language and Speech	2023
Priya, S., Trivedi, S. & Abhishek, BP	The Multifaceted Aspects in Novel Word Learning After Critical Age: An Investigation on the Potential Variables	International Journal of Indian Psychology,	2023
Abhishek BP, & Sneha Roslyn Shaji	Discourse as Evidence of Thought-Language Asynchrony in Individuals with Psychiatric Disorders	Psychology and Mental Health Care,	2023
Venkatesh S A, Telakkadan H, Panchakshari Abhishek BP	Identifying the loci of lexical semantic breakdown in aphasia and the choice of therapy techniques.	IP Indian J Neurosci	

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Diya ES Dinesh Chandana Shivaiah Abhishek BP	Speaker Variation and Vocal Disguise	Research and Reviews: Journal of Health Profession	2023
Abhishek, B.P, Drishti Sreenath	Interference and Morphological Recall in Young and Middle-aged Individuals	Journal of Research in Philosophy and History	2023
International			
Brajesh Priyadarshi	A Study of The Development of Phoneme - Grapheme Correspondence In Arabic - Speaking Primary School Children Of Yemen	International Journal of English Language, Literature And Translation Studies	2023
Abhishek BP Biraj B	Semantic field and its organization as a function of age	Int J Disabil Hum Dev 2023;22(1):00-00.	2023
Mahajani, U.S., Karathiya, R. & Abhishek BP	Cross-Language Recall Abilities in Balanced Bilinguals: An Exploratory Study.	Journal of Psycholinguistic Research	2023
Abhishek BP	Linguistic and Affective Prosody in Aphasia	Frontiers in Education and Technology	2023
Brajesh Priyadarshi (Co- author)	Recall of Inflectional morphemes in Kannada speaking children	Journal of Child Language Acquisition and Development	2023
Abhishek BP Mahima Jayaram Shetty	Is Bilingualism a boon or bane for children with Communication Disorders?	Journal of Child Language Acquisition and Development	2023
Abhishek BP BrajeshPriyadarshi	Recall of inflectional morphemes in Kannada speaking children	.Journal of Child Language Acquisition and Development	2023
Shetty Mahima J., Drishti Sreenath, and Abhishek BP	Sequence of Picture presentation in Blocked Naming and its relevance to Naming Abilities in Persons with Aphasia.	Journal of Clinical Research Notes.	2023
Vijayan, S. K., Mahesh, K., & Krishnan, G.	Awareness of Safe Feeding Practices among Expecting and New Indian Mothers: A Survey.	International Journal of Multidisciplinary	2024
Priyadarshi, B., Gayathri, K., & Bharathi, M. V.	The Role of Gender in acquisition of reading skills in Malayalam-English Biliterate Children	Indian Linguistics	2024

In Conference/Seminar Proceedings

Authors	Proceedings of	Title of the paper	Year
Ms. Sneha Roslyn Shaji, Ms. Vernekar Divya Mangesh, &Dr. Amulya P. Rao	e-proceedings of 4th conference ISAAC India Chapter	Abstract of the paper entitled 'Gestures as an Augmentative Modality to Enhance the Comprehension and Expression of Tense Markers in a Verbal Child with Borderline Intellectual Functioning: A single case study'	2024