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ALL INDIA INSTITUTE OF SPEECH AND HEARING: MYSORE-06

Period: 2021-22

4.5.4 List of schemes/ projects/ programme underway

A) List of ARF Ongoing Projects: 45 Nos

Sl. No	Project Investigator	Co-Project Investigator	Name of the Project	Duration	Year of sanction	Sanction Num	Financial Implication
1.	Dr. R Rajasudhakar	-	Adaptation and validation of vocal fatigue index (VFI) in Kannada	1 year	2015	SH/CDN/ARF-32/2015-16, Dated; 02.11.2015	4,33,000
2.	Dr. K Rajalakshmi,	Mr. Vinaya K.C, Prof. David Baguly & Prof. Gerhard Andersson	An exploratory study of tinnitus in Indian context				4,03,000
3.	Dr. K Rajalakshmi	-	Auditory brain plasticity: in carnatic vocalists, instrumental musicians and non-musicians				4,03,000
4.	Mr. Prashanth Prabhu	-	Auditory temporal processing in older adults: A behavioural and electrophysiological measures	1 year	2017	SH/CDN/ARF-AUD-3/2017-18, dated; 27.07.2017	5,18,000

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5.	Mr. Rahul Krishnamurthy	Dr. Prasanta Kumar Ghosh, Dr. Suja S & Dr. T.K Prakash	Automatic quantification of the glottal area in the stroboscopic videos using deep neural network	1 year	2018	SH/CDN/ARF-SLP-GK/2018-19, dated; 30.10.2018	9,86,000
6.	Dr. Ajish K Abraham	Dr. Leena Mary & Dr. N. Sreedevi	Automation of Malayalam articulation test using automatic speech recognition techniques	1 year	2017	SH/CDN/ARFELECT1/2017-18, dated: 28.07.2017	5,00,000
7.	Dr. Sandeep M.	Dr. Abhishek B.P& Dr. Chandni Jain	Behavioral 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	4,88,000
8.	Dr. Hema N.	Dr. Devi N.	Behavioural and electrophysiological (P300) correlates for visual and auditory process in Alzheimer's diseases	1 year	2018	SH/CDN/ARF-SLP-14/2018-19, dated; 09.10.2018	4,88,000
9.	Dr. Santosh M.	Dr. Abhishek B.P.	Behavioural and electrophysiological correlates (N400) of lexical access in bilingual adults with stuttering	1 year	2015	SH/CDN/ARF-24/2015-16, Dated; 05.10.2015	4,33,000
10.	Dr. Megha	Mr. Jawahar Antony	Cochlear implant outcome measures: Comparison of rating scales and speech perception	1 year	2019	SH/CDN/ARF-AUD-GB1/2019-20, dated; 15.07.2019	5,05,000
11.	Dr. Jayashree C. Shanbal	Mr. Hariharan V.	Cognitive linguistic intervention program for children at risk for learning disability	1 year	2018	SH/CDN/ARF-SLP-1/2018-19, dated; 09.10.2018	4,93,000

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12.	Mr. Manohar N,	Mrs. Revathi K.R., Mr. Prashanth Prabhu P. & Mr. Raghavendra G.N.	Computerized auditory training for Kannada speaking children with hearing impairment	1 year	2015	SH/CDN/ARF-42/2015-16, Dated; 09.12.2015	3,31,000
13.	Dr. Shijith Kumar C.,	Dr. Manohar N.& Dr. Malar G.	Design and development of e-learning platform and faculty profile system	1 year	2018	SH/CDN/ARF-Elect-3/2018-19, dated; 09.10.2018	4,68,000
14.	Dr. Shijith Kumar C.,	Mr. Nanjunda Swamy M., Mr. Nidheesh David Kuruvilla, Mr. Lokesh P.& Mr. Raghavendra G.N.	Design, development and validation of open source platform for AIISH digital repository and online public access catalogue	1 year	2016	SH/CDN/ARF-68/2016-17, Dated: 05.10.2016	3,00,000
15.	Ms. P V Ramanakumari,	Dr. Ajish K. Abraham & Ms. P.V Manjula	Development and evaluation of indigenous curriculum oriented computer based tutor for concept learning in preschool children with special needs	1 year	2016	SH/CDN/ARF-66/2016-17, Dated: 27.09.2016	3,85,000
16.	Dr. K. Rajalakshmi	Ms. Mamatha N.M & Dr. Ramadevi Sreenivas K.J	Development and standardization of questionnaire to assess the outcome in adult hearing aid users	1 year	2015	SH/CDN/ARF-38/2015-16, Dated; 03.11.2015	4,33,000

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17.	Dr. Hema N	-	Development and standardization of western aphasia battery in Tamil	1 year	2018	SH/CDN/ARF-SLP-6/2018-19, dated; 09.10.2018	4,88,000
18.	Dr. Swapna N	-	Development and validation of a mobile application tool for airthmeticconcept teaching for preschoolers				7,88,000
19.	Dr. Prithi Venkatesh	-	Development of grade level assessment test in science for upper primary school children (VI-VIII)	1 year	2018	SH/CDN/ARF-Spl.Ed-3/2018-19, dated; 09.10.2018	4,00,000
20.	Dr. Geetha C. & Dr. Devi N.	-	Development of phonemically balanced word lists in Tamil language for adults	1 year	2018	SH/CDN/ARF-AUD-6/2018-19, dated; 09.10.2018	5,88,000
21.	Dr. Ajith Kumar U.	Dr. Hemanth N.	Development of some auditory related cognitive tests: assessment of cognitive reserve in individuals with older adults	1 year	2018	SH/CDN/ARF-AUD-9/2018-19, dated; 09.10.2018	9,51,000
22.	Mr. Manohar N	-	Development of speech enabled communication tool for clients with speech impairment in Kannada	1 year	2018	SH/CDN/ARF-Elect-2/2018-19, dated; 09.10.2018	4,95,000
23.	Mr. Freddy Antony	Mr. Sanjeev Kumar Gupta	Disability evaluation in mental retardation using WHODAS 2.0 in a clinical setting	1 year	2015	SH/CDN/ARF-43/2015-16, Dated; 09.12.2015	3,25,000
24.	Dr. N Swapna	-	Effect of combined tactile, thermal and gustatory	1 year	2017	SH/CDN/ARF-71/2016-17, Dated: 02.01.2017	4,93,000

Sl. No	Project Investigator	Co-Project Investigator	Name of the Project	Duration	Year of sanction	Sanction Num	Financial Implication
			stimulation on feeding and swallowing in children with cerebral palsy				
25.	Dr. G Malar	Ms. P. Prathima	Effect of resource material on impact of inclusive education in children with intellectual disabilities (ID) and learning disabilities (LD)	1 year	2016	SH/CDN/ARF-65/2016-17, Dated: 27.09.2016	3,85,000
26.	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	4,88,000
27.	Dr. Devi N.	-	Encoding of speech and music at auditory brainstem (frequency following response) with and without hearing aid	1 year	2017	SH/CDN/ARF-AUD-6/2017-18, dated; 27.07.2017	4,98,000
28.	Dr. Amrita Kanchan	Dr. Nawab A Khan	Feasibility of standardized neuropsychological tests in assessment of patients with aphasia	1 year	2017	SH/CDN/ARFPSYCH2/2017-18, dated: 28.07.2017	3,30,000
29.	Dr. S.P Goswami	Dr. Swathi Kiran	Field-testing of 'Constant Therapy' in Hindi and Kannada				4,93,000

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30.	Dr. Niraj Kumar Singh	Dr. Prawin Kumar	Impact of acoustic stimuli used for various measures of VEMP on the auditory system	3 years	2016	SH/CDN/ARF-61/2016-17, Dated: 14.09.2016	4,93,000
31.	Dr. Ajith Kumar U.	Dr. Nisha K.V	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	1 year	2018	SH/CDN/ARF-AUD-4/2018-19, dated; 09.10.2018	4,85,000
32.	Dr. S.P Goswami		Life satisfaction and quality of life in persons with aphasia beyond communication	1 year	2017	SH/CDN/ARFSP1/2017-18, dated: 28.07.2017	4,96,000
33.	Dr. Jayashree C Shanbal,	Ms. Mamatha N.M. & Gopi Shankar R	Morphosyntactic processing in dyslexia: application of an ERP measure	1 year	2014	SH/CDN/ARF-12/2014-15, Dated: 24.09.2014	4,03,000
34.	Dr. K. Rajalakshmi	Mr. Prashasti P. Poovaiah	Normative data for click rate induced facilitation for assessing temporal integration	1 year	2016	SH/CDN/ARF-56/2016-17, Dated; 08.09.2016	4,93,000
35.	Dr. Yeshoda K	Dr. Sreeraj K	Perception and production of prosody in children with hearing impairment	1 year	2018	SH/CDN/ARF-SLP-KY/2018-19, dated; 01.11.2018	4,93,000
36.	Dr. Jayakumar T.	-	Prevalence and risk factors for voice problems and effect of	1 year	2018	SH/CDN/ARF-SLP-15/2018-19, dated; 09.10.2018	4,88,000

Sl. No	Project Investigator	Co-Project Investigator	Name of the Project	Duration	Year of sanction	Sanction Num	Financial Implication
			voice projection training in imans				
37.	Dr. Usha Devdas	Dr. M Santosh	Prevalence and risk factors of voice problems and knowledge of vocal health in professional carnatic singers and non-singers				4,93,000
38.	Dr. Prashanth Prabhu,	Dr. Shijith Kumar C & Dr. Priya M.B	Product development of useful products of research carried out at AIISH	1 year	2017	SH/CDN/ARF-AUD-8/2017-18, dated; 27.07.2017	5,03,000
39.	Dr. Sunil Kumar Ravi,	Dr. Pebbli Gopikishore & Dr. Shyamala K.C	Reading impairments in Kannada-English bilinguals individuals with fluent & non-fluent types of aphasia	1 year	2017	SH/CDN/ARF-SP-9/2017-18, dated: 06.09.2017	5,08,000
40.	Dr. Chandni Jain,	Dr. Chetak K.B & Mr. Vipin Ghosh	Relationship between auditory abilities and iron deficiency anemia in adolescent girls	1 year	2018	SH/CDN/ARF-AUD-5/2018-19, dated; 09.10.2018	5,33,000
41.	Dr. Anjana B. Ram	Mr. Mahesh BVM	Short term correlations between speech motor variability and behavioural dysfluencies in persons with stuttering following fluency shaping therapy	1 year	2018	SH/CDN/ARF-SLP-11/2018-19, dated; 09.10.2018	4,85,000
42.	Dr. Hema N.	Dr. K C Shyamala	Standardization of a discourse analysis scale for conversation, narration and picture description in kannada (DAS)	1 year	2014	SH/CDN/ARF-02/2014-15, Dated: 26.08.2014	4,03,000

Sl. No	Project Investigator	Co-Project Investigator	Name of the Project	Duration	Year of sanction	Sanction Num	Financial Implication
43.	Dr. S.P Goswami,	Dr. Julie A Hengst, Ms. Sonal V Chitnis, Dr. Brajesh Priyadarshi, Dr. Neeraja Karathi & Ms. Pinky Singh	Stories of aphasia: exploring paths to recovery in India	3 years	2014	SH/CDN/ARF-19/2014-15, Dated: 22.10.2014	11,99,000
44.	Dr. Abhishek B.P.	Dr. K.C Shyamala	Syntactic judgment abilities in persons with non fluent aphasia	1 year	2015	SH/CDN/ARF-33/2015-16, Dated; 02.11.2015	4,33,000
45.	Dr. K. Rajalakshmi,	Dr. Srinivas K., Dr. Sreedevi N. & Dr. Jayakumar	The genetics of sensorineural hearing loss				9,68,000

B) Extramural Projects
Period: 2020-21

List of Ongoing Projects – 06 Nos

Sl. No	Project Team		Name of the Project	Funding Agency	Year of sanction	Sanction Num	Financial Implication
	PI	Co-PI					
1.	Dr. K Rajalakshmi	Dr. Arun Kumar Gupta	FMRI & ERP evidence for improvement in Audio-Visual integration in individuals with ANSD post speech reading training	DST	2018	SB/SO/HS-50/2013, Dated; 23.12.2016	35,29,000
2.	Dr. Sandeep M	Dr. Santhosh M	Auditory processing and auditory cognitive measures in carriers of mutated genes that cause hearing loss	DST	2018	SR/CSRI/132/2016, Dated: 01.08.2017	53,23,000
3.	Dr. Prawin Kumar	Dr. Niraj Kumar Singh	Efficacy of computer based training module on auditory and cognitive skills in children with CAPD	DST	2018	SR/CSRI/85/2016 (G), Dated: 19.06.2017	28,49,000
4.	Dr. Ajith Kumar U	Dr. Sandeep M	Auditory and cognitive consequences of dys-synchronous auditory nerve activity.	DST	2018	DST/CSRI/2017/61 (G), Dated: 28.09.2018	42,78,000
5.	Dr. Animesh Barman & Dr. Swapna N	Dr. Prashanth Prabhu	Neuroaudiological profiling of Children with Specific Language Impairment	DST	2018	DST/CSRI/2017/24 (G), Dated: 08.08.2018	43,50,000
6.	Dr. Iracema Leroi	Dr. Nusrat Hussain, Dr. S P Goswami, Dr. Murali Krishnan & Dr. Sandeep M	Sense-Cog Asia: An open label feasibility study of a supportive hearing intervention in dementia	GCRF	2019		4,75,000